



OAKLAND UNIVERSITY

News

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A publication for the university community

September 18, 1992

World Beats a Path to Professor's Door to See Research

A microsensor developed at Oakland University is drawing worldwide attention for its widespread potential in medicine.

Professor Tadeusz Malinski's work could lead to advances that curtail the damage from strokes and help better understand neurological actions.

Malinski conceived and developed a microscopic sensor that can detect *in situ* (meaning in its original place) the amount of nitric oxide (NO) present in a single cell.

The significance of this is NO is considered one of the most important "messenger mol-

ecules" in biology, and if researchers can measure NO, their findings will go a long way toward understanding how certain biological and neurological actions occur.

Nitric oxide — first discovered to be in the body just five years ago — is responsible for such functions as dilating blood vessels, acting as a neurotransmitter in the brain, and killing tumor cells. Not all cells contain NO, however. It is also not yet known all that NO does in the body, or even where.

The prestigious international journal *Nature* published Malinski's paper describing

the microsensor, and reaction has been intense.

Scientists from major medical schools and universities in Europe and North America have expressed interest in coming to Oakland to learn how his microsensor can benefit their work.

Malinski's microsensor measures less than one micrometer in diameter (one-millionth of a meter). Molecules are "counted" through a complex process that measures NO's response to faint amounts of electrical current.

The microsensor allows researchers to tally NO molecules by the thousands, singling them out from the trillions of molecules present in a single cell. Obtaining accurate counts will be a major step toward establishing standard levels for NO in different cell types. Once accomplished, researchers will be able to spot deviations from the norm, and perhaps take corrective steps with prescription drugs, Malinski observes.

Nitric oxide is responsible for the relaxation of smooth muscle cells in arteries. "We proved for the first time that the molecule released from the endothelial cells within the blood vessel is really NO," Malinski says. This is critically important information for researchers who study stroke, for example.

Malinski said new pharmaceuticals could be on the horizon that will regulate NO release or react with NO. He speculates such drugs could be used to regulate dilation of blood vessels, thereby making it possible to prevent a stroke or to lessen the effects of a stroke if treatment begins immediately.

While nitric oxide can be medically helpful, high concentrations can damage tissue. Such is the case in a stroke. It has been hypothesized that during a stroke, there is a very high release of NO that damages surrounding brain cells.

Malinski points out that nitroglycerin, commonly used for heart patients, releases nitric oxide. "It has been known for 100 years that nitroglycerin works, but no one really knew why it worked," he says. "Now we know that nitroglycerin works through the release of NO in the body, which causes relaxation of smooth muscles of the aorta, for example. Then blood can flow much easier."

Until Malinski developed his microsensor, scientists could measure NO only indirectly as a gas as it was released by a cell. Further complicating attempts to measure the number of NO molecules, and what made their discovery so difficult, is that NO molecules exist for only a few seconds.

The importance of Malinski's work has been cited by other leading scientists. Solomon H. Snyder of Johns Hopkins University School of Medicine commented in the same issue of *Nature*.

"The development of a sensor that can rapidly respond to minute changes in concentration of NO *in situ* is therefore a considerable technical advance towards monitoring the release and distribution of NO in the body," Snyder wrote.

Ziad Taha, a postdoctoral research associate, has worked with Malinski in his studies.▼

An Agenda for the Next Decade



President Sandra Packard began a university tradition on, the *Start of the Year Meeting*, to bring the university community together to preview the coming year.

The president spoke September 11 in the Oakland Center Crockery before more than 400 staff and faculty members. The program included introductions of new faculty and staff, and a slide show arranged by Geoff Upward of photographer Rick Smith's work. The show featured the faces of dozens of university employees at work.

The president's remarks informed the university community of the direction it will take this year and beyond, and outlined new initiatives in faculty research and fund raising.

The complete text of the talk can be found in a special insert in today's *Oakland University News*.▼



Undergraduates Cited for Distinguished Achievements

Two university students will each receive \$500 Undergraduate Distinguished Achievement Awards at commencement exercises September 20.

Eric Rurikson and Therese Sarah will receive the competitive awards that are made possible through contributions to the All-University Fund Drive.

Rurikson was recognized for his "out-

standing achievement in historical research and writing, combining the highest standards of documentation, analysis and exposition."

Rurikson studied the origins of the medieval knight, drawing upon his skills in history and anthropology to produce an original article.

Sarah was cited for research linking anthropology's "world of culture and artifice

with biological reality." She examined the important kinship link established by brother-sister relationships, in addition to exploring the evolutionary implications of the way human infants are carried by their mothers. She was praised for her knowledge of, and ability to use, ethnographic literature from all areas of the world.▼

SBA Forms Liaison Council with Businesses

Executives are working with the School of Business Administration to strengthen classes offered in management information systems.

Al Lederer, chairperson of the Department of Decision and Information Sciences, says a new Council of Information Officers will coordinate joint activities between the school and area businesses. It will also serve to allow executives of area businesses to offer their opinions about MIS programs.

Serving on the CIO from the school are Tom Lauer and Kieran Mathieson from MIS; Dean George Stevens; Associate Dean John Tower, who also teaches in the MIS area; and student MIS majors Eric Burchard, Chris Dobosenski and Scott Margarita. Two founding members of the CIO, students Dave

Lents and Laurie Volmering, have graduated and accepted MIS positions with Ford Motor Co.

At the inaugural meeting in the spring, Lederer spoke on *What the School of Business Administration and the Local MIS Business Community Can Do for Each Other*. Participants discussed potential joint activities and suggested actions for the MIS area. That meeting was also attended by representatives of Oakland's academic computing facilities, and John De Carlo, senior vice president.

External members of the CIO are John Brunet, president of the TSD Unit, EDS; David Carlson, senior vice president of corporate information systems, Kmart; Don Gagen, assistant vice president, Grand Trunk Railroad; S.I. Gilman, executive director, in-

formation resources management, Ford Motor Co.; Michael Grieves, president, Data Systems Network Corp.; Martin LaBrecque, vice president of information systems, Allied Signal; Jerry Lauer, vice president of information systems department, Handelman Co.; Harry Lewis, executive director of management information systems, Chrysler Corp.; Ronald Lewis, director of software and support, IBM; Paul Peabody, associate hospital director, William Beaumont Hospital; Tom Sago, senior vice president, Comerica, Inc.; Shan Topiwalla, director of Oakland County Computer Services; and Donald Wingard, managing partner, Andersen Consulting.▼

Gallup to Speak at 7th SBA Forum

Pollster George Gallup, Jr., will offer his insights into current events and peek into the future at the Business Forum on October 1.

The seventh annual luncheon is sponsored by the School of Business Administration and Ameritech Publishing, Inc., of Troy. It will be held at the Shotwell-Gustafson Pavilion.

Gallup, in a talk called *Forecast 2000*, will comment on local and national issues as identified in the most extensive set of polls and interviews ever conducted on the future.

Gallup is president of the Gallup Poll and chairman of Gallup Organization, Inc. He is the author of numerous articles on polling methods, religion, urban problems and voting behavior.

Helping organize the event is the SBA Student Board, which represents Alpha Kappa Psi Fraternity, the American Marketing Association, APICS, OASIS, the Finance Club, the MIS Club, the Society for Human Resource Management, the Economics Society and the MBA Association.

Tickets are \$30 each, and tables for 10 are available at \$275. For details, call 370-3286.▼

Excellence in Arts Offers How-Tos

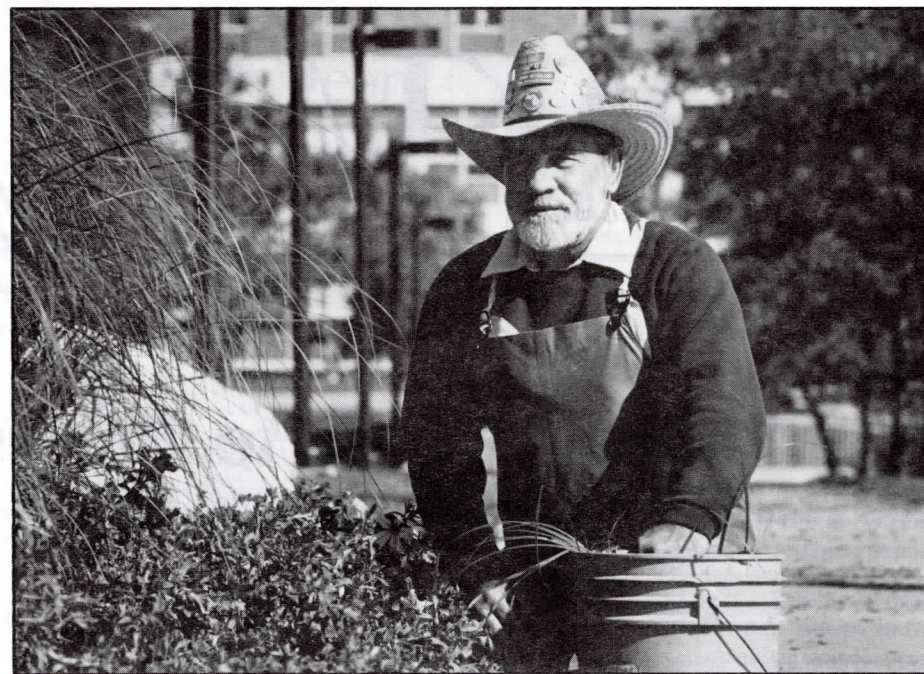
Five informative sessions that demonstrate artistic crafts are being presented this fall by the AP Assembly.

The *Excellence in Artistic Crafts* sessions are open to everyone, and each will be held from 7-9 p.m. in the Lepley Sports Center lounge. Enrollment is limited.

- September 30, *The Art of Drying Flowers, Including Selection, Drying and Arranging*, with Robert Facko, professor of music, and Lynn Denhardt of Wesley Berry Flowers in Rochester Hills. Each participant will make a party favor-size arrangement in a small basket. Fee is \$10.
- October 14, *The Art of Sculpting Ceramic Dolls*, by Pauline Flaga. The nationally recognized artist will demonstrate the procedures of doll making. Fee is \$10.
- October 21, *The Art of Realistic Bird Carving*, with Al Ponte. He has presented seminars

across the country and written two books on the subject. In the session, he will carve a Blue Wing Teal decoy. Fee is \$10.

- October 28, *The Art of Miniature Weaving*, with Margaret Windeknecht. Windeknecht, spouse of Professor Thomas Windeknecht of engineering, has lectured and published on weaving and computer-aided weaving design, and is the author of five books. Fee is \$10.
- November 4, *Creating Miniature Ash Baskets*, with Paul Hartman, athletic director. He will demonstrate making miniature ash baskets, from log to finished product. Participants will be able to make their own baskets. Fee is \$15, including basket materials. Interested persons may sign up for single presentations or the entire series for \$55. For details, call 370-3190.▼



John "Geranium Cowboy" Wendland cleans out one of the flower beds that can be found throughout the campus. The grounds crew has something to be proud of: Last year it won a beautification award from the state for its efforts.

OU Part of Development Program

Oakland University is part of a collaborative to help develop a National Career Development Institute.

The grant from the National Occupational Information Coordinating Committee allocates \$116,500 to Oakland for year one. Four additional years of funding are possible, depending upon availability of federal funds. The University of South Carolina and the University of Wisconsin have also been funded for the project.

Judy Hoppin, associate director of the Continuum Center, and Howard Splete, director of the Adult Career Counseling Center, submitted Oakland's proposal.

The university will conduct basic and advanced training in all areas of career development for counselors and other career development personnel. Career development professionals from university settings, agencies and government programs like the Job Training and Partnership Act are targets for year one.

Hoppin says a goal is to expand the train-

ing in future years to include career development personnel from business and industry.

The three sponsoring institutions refer to their project as an "institute without walls." Hoppin and Splete cite four objectives for the total project:

- To conduct a national training and resource survey to measure the assistance needed by career development personnel who work with adult clients or students.
- To survey similar needs of career development personnel in business and industry.
- To develop training agendas and resource materials for career development personnel who work with adults in educational, agency and government settings and develop a similar training package customized to the needs of business and industry personnel.
- To develop a system to build requirements for career development training into curriculum and credentialing of master's level counselors and nonmaster's level career development personnel.▼

The Campus Register

Faculty and Staff Notes

Items about professional activities or honors may be sent to the News Service, 104 NFH.

Presentations

RONALD SUDOL, rhetoric, communications and journalism, made a full-day presentation on writing assessment for the entire faculty of the Berrien Springs school district.

ROBERTA SCHWARTZ, rhetoric, communications and journalism, spoke on Michigan and world travel on the Bob Hines Show on WJR radio. She discussed travel to England and Ireland, as well as photography and article writing.

Publications

AUGUSTIN K. FOSU, economics, wrote *Political Instability and Economic Growth: Evidence from Sub-Saharan Africa*. It appeared in *Economic Development and Cultural Change*, a journal published by the University of Chicago.

DANIEL BRAUNSTEIN, management and marketing, wrote *Are Auditor's Agreements in Financial Ratios Useful for Predicting Firm Failure?* It was published in the *Midwestern Journal of Business and Economics*. Coauthors were BARBARA GOODMAN and ALAN REINSTEIN of Wayne State University, and GEORGE GREGORY, an attorney with Lee and Gregory.

For Your Benefit

Annual presentations by counselors for TIAA/CREF and Fidelity Investments will be given on campus in October.

All sessions will be in Oakland Center Gold Room A.

A representative from TIAA/CREF will speak from 9-11 a.m. October 6 and from 1-3 p.m. October 7.

The Fidelity representative will speak from 1-3 p.m. October 6 and from 9-11 a.m. October 7.

Diana Decker, staff benefits manager, says employees should attend a session of each carrier to learn about changes and options in the plans.

Funding Opportunities

Sources of external funding are provided by the Office of Research and Academic Development. Stop by 370 SFH or call 370-3222.

National Institute on Aging

Applicants are sought for medical demographic studies on the incidence and prevalence of dementias of aging and related cog-

nitive impairments. Projects that estimate the impact of dementias on healthy and institutionalized life expectancy; estimate the consequences of controlling mortality associated with other specific chronic diseases among the elderly for the distribution, severity and duration of aging dementias and other dementias; and others are needed. October 1, June 1 and February 1 deadlines.

Department of Energy

The department seeks applications for projects that will encourage sixth through 10th grade students from underrepresented populations to pursue mathematics and science courses and science careers. Activities include summer institutes and academic-year programs, field trips and hands-on training. Several two-year grants will be made. October 28 deadline.

Jobs

Information about job openings is available from the Employee Relations Department, 140 NFH.

- Medical director, miscellaneous, Meadow Brook Health Enhancement Institute.
- Vice president for university relations, executive, Office of University Relations.
- Director, AP-10, Upward Bound (a grant-funded position).
- Police dispatcher, POAM, Department of Public Safety and Police.
- Administrative secretary, C-7, Department of Physics.
- Coordinator, special programs and facilities manager, miscellaneous, Meadow Brook Health Enhancement Institute.

Reaching Us ...

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. Copy deadline is noon Friday of the week preceding the publication date.

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Crimes Show Downward Trend

The Department of Public Safety and Police reports there were decreases in nearly all major crime categories during the 1991-92 school year.

The department issued the report in conjunction with the Campus Security Act of 1990, which requires universities to divulge information about serious crimes on their campuses.

Richard Leonard, director of DPSP, reported incidents reported to his department in the following categories. For comparison, the figures read across as 1991-92, 1990-91 and 1989-90.

Offenses Reported

- Murder: 0, 0, 0
- Rape: 2, 1, 2
- Robbery: 1, 0, 1
- Aggravated assault: 2, 3, 2
- Burglary: 2, 8, 14
- UDAA: 1, 2, 13 (UDAA is unlawful driving away of an automobile.)

Arrests

- Alcohol: 7, 2, 7
- Drugs: 4, 9, 6
- Weapons: 0, 0, 0

In addition, the department collects crime data from Pontiac police concerning the

Theta Chi Fraternity house in Pontiac. Only one category showed activity:

- Burglary: 0, 2, 0

Full copies of the annual report have been distributed on campus to all offices. The report lists the services the 16-member Department of Public Safety and Police provides, and in addition, offers details about related services, such as the Student Marshals who assist with noncriminal police activities, the Nightwatch Program in Residence Halls, and the "brightway" lighting paths that have helped increase security.

The report also provides information about what to do and where to report sexual assaults. The report contains a list of support services and agencies where assault victims can seek additional help.

The department reminds the campus community that for emergencies — including crimes in progress, fires, medical emergencies and other emergencies — you should dial 911 from any phone. Persons with hearing impairments and a TDD may call 370-3337. Nonemergency calls to the department should be routed through 370-3331.

The 16-person DPSP is commissioned and has full arrest powers.▼

Writers to Dot the Campus

Two award-winning writers, one a science-fiction novelist and the other the author of young adult books, will speak at the 31st annual Writers' Conference on October 9-10.

James Morrow, author of *Wine of Violence*, will be the main speaker on Friday. His novel was cited by the American Book Review as "the best SF novel published in English during the last 10 years." Morrow will speak on *Science Fiction as Surrealistic Autobiography* at the 6-10 p.m. dinner program at Meadow Brook Hall.

At 12:45 p.m. Saturday, the conference luncheon speaker will be Sue Harrison,

whose first novel, *Mother Earth Father Sky*, was chosen one of 1991's best books for young adults.

The conference is jointly sponsored by the Division of Continuing Education and Detroit Women Writers. More than 400 persons will attend, from novice to professional level.

This year, 25 professional writers, editors and agents will conduct individual manuscript critiques, hands-on writing workshops, poetry critiques and lecture/discussion sessions.

Details about registering are available from the Division of Continuing Education at 370-3120.▼

OU Organizes International Manufacturing Conference

An international conference organized by Oakland University will examine how intelligent manufacturing systems can revitalize existing facilities and shape the factory of the future.

Professor Naim Kheir is chairperson for the *Workshop on Intelligent Manufacturing Systems*, to be held Sept.30-Oct. 1 in Dearborn. The program is sponsored by the Interna-

tional Federation of Automatic Control with the School of Engineering and Computer Science as the organizing unit. The conference will draw experts from 28 nations.

Guest speakers include Dr. Robert N. Nagel of Lehigh University, Inyong Ham of Penn State University and William F. Powers of Ford Motor Co.▼

Like Soccer? Then You Can't Miss It

This is the weekend to be on campus if you're a soccer fan.

Four college teams will be joined by 120 youth teams from Michigan and Ontario for virtually nonstop soccer matches. The ninth annual Marriott Soccer Classic begins at 8 a.m. both days, September 19-20.

Joining the Oakland Pioneers are the University of Missouri-St. Louis, Grand Canyon University and California State University-San Bernadino. Oakland's matches are

scheduled for 3:30 p.m. Saturday against Cal State and at 3:30 p.m. Sunday against Grand Canyon. The tournament winner is determined by total goals scored.

A highlight of the event will be a tournament banquet in the Oakland Center at 7:30 p.m. Saturday and the presentation of trophies at 5:30 p.m. Sunday.

For details, call the Athletic Department at 370-3190. Tickets will be available at the gates.▼

Quote

"Nothing so needs reforming as other people's habits."

— Mark Twain

Bits & Pieces

ACE-NIP Studies Harrassment

Members of the campus ACE-NIP chapter will explore sexual harrassment at a Professional Women's Breakfast on September 30.

Lizabeth Barclay, associate professor of management and chairperson of the Department of Management and Marketing, will speak on *Sexual Harrassment: Do Men and Women See Eye to Eye?* It will be both a video presentation and discussion.

The breakfast program runs from 7:30-9 a.m. in Oakland Center Gold Room C. The cost is \$5 per person, with reservations required by September 21.

ACE-NIP is the American Council on Education-National Identification Program.

For information or to register, call Julie Dziekan at 370-3287 or Pat Beaver at 370-4116.

ACE-NIP to Honor Trustee

A luncheon to honor former university trustee Phyllis Law Googasian has been scheduled for noon-1:30 p.m. October 16 in the Oakland Center Gold Rooms.

ACE-NIP will honor Googasian for her work on behalf of the university and for her support of women's issues. President Sandra Packard is one of the luncheon speakers.

Tickets are \$6.75 and may be obtained by calling 370-3496.

Marriott Changes Managers

Allan Sather has been named by Marriott to manage the food service operations at Oakland.

Sather replaces Ken Debelius, who has assumed new responsibilities with Marriott at the University of Toledo. Sather comes to Oakland after working at Marriott facilities at Case Western Reserve University and Southern Illinois University.

It's Now University Relations

If you're keeping score, the Division of Development and Alumni Relations is now known as the Division of University Relations. You'll find all the usual suspects in the same familiar offices.

CE Program Gets Approval

The American Bar Association has given the Legal Assistant Program on campus a five-year stamp of approval.

The ABA approval is retroactive to August 1991. Since the Division of Continuing Education established the legal assistant program in 1975, it has consistently received ABA approval.

Courses in the legal assistant program are available for credit to OIU students through the Department of Political Science. Gloria Boddy directs the program and Kathryn LeBlanc is assistant director.

SBA Sponsors Quality Seminar

A retired Chrysler Corp. vice president will lead a seminar on *Total Quality Management* at Oakland.

Gino Giocondi will focus on what TQM is and how it can be applied to Oakland University. The morning session will run from 10 a.m.-noon September 25. The program will continue from 1-3 p.m. Room locations will be announced.

The program is sponsored by the School of Business Administration. Information is available from Lizabeth Barclay, Department of Management and Marketing, at 370-3293.

Soccer Squad Flying High

The men's soccer started the year off with a top 10 ranking from the Intercollegiate Soccer Association of America.

The Pioneers were ranked eighth in NCAA Division II in the poll of coaches.

Munster Home Sold

The sale of the Munster Road residence used by Joseph Champagne, former university president, is now complete. It has been sold for \$265,000. Sale proceeds will be used to offset renovation costs at Sunset Terrace, where President Sandra Packard lives.

You Can't Say McGarry's Retirement Will be Dull

Veteran *Oakland Press* reporter Diana Dillaber Murray remembers him as "an honest man who really respected the public's right to know." Secretary Karen Kukuk describes him as the perfect gentleman.

Many others who have worked for Bob McGarry throughout his 32-year Oakland University career say, simply, "he inspires loyalty."

McGarry leaves Oakland October 1 to face a retirement filled with golf, travel, a new home in North Carolina, "lots of sweaters and slacks and no suits," and "no regrets."

"During my 32 years at Oakland University I have seen it grow from an institution with an enrollment of 600 to our current level of well over 12,000. I have been fortunate to have participated in that growth, having had the opportunity to be instrumental in the development of most administrative systems, policies and procedures," McGarry says.

McGarry was hired in 1960 to work at the fledgling university that opened in 1959 as part of Michigan State University but with a mandate to control much of its own destiny. He recalls that "the first major step in our migration from MSU control was establishing our own accounting system. The first ledgers were done on an NCR bookkeeping

machine — a far cry from our current progress to our newly implemented, on-line computerized system."

The vice president says he "is grateful to the divisional staff who over the years have been part of this development and without whom we could not have been successful." He says he retires secure in the knowledge that "most of those individuals remain in place to carry on."

On leadership style, McGarry says, "I have always sought out competent people, then let them do their jobs. I believe in checking results, but not in looking over someone's shoulder."

McGarry does feel that OU's growth years "now seem to have passed and we are settling into a steady and declining state of affairs, primarily because of budget constraints."

He has a wish for the future. "I would hope that Oakland University could return to the optimistic and 'can do' environment of the past. We should again become aggressively innovative and in the forefront with our programs. We must look for ways to succeed in these endeavors, not for reasons why we cannot. For this to be possible, the executive level and Board of



Robert McGarry: will face a retirement filled with golf, travel, a new home in North Carolina, "lots of sweaters and slacks and no suits," and "no regrets."

Trustees' support and encouragement is essential."

McGarry says, "I thank all of my friends and associates for their tolerance, consideration and support, and I wish them and OU the best."

Friends of McGarry are invited to bid him farewell from 2-6 p.m. September 25 at a reception in the Meadow Brook Hall summer tent.▼

Harris Tapped for Acting VP Job in Finance

The Board of Trustees has tentatively approved the appointment of Ray T. Harris as acting vice president for finance and administration and treasurer to the Board of Trustees.

Harris was approved by a Committee of the Whole of the board at its September 10 meeting (a quorum was lacking). The appointment will be resubmitted to the board October 1.

The resolution states that Harris will assume his new duties on October 1. He'll replace Robert J. McGarry, who is retiring after 32 years of service. In a separate resolution, the board cited McGarry for his professional

and civic contributions on behalf of the university.

Harris joined Oakland in 1967 as budget director, and he has been serving as associate vice president for finance and administration. He also takes over McGarry's additional duty as treasurer to the Board of Trustees.

The acting vice president-designate holds bachelor's and MBA degrees from Michigan State University. In addition, Harris is a CPA and a graduate of the Institute for Educational Management at Harvard University.

McGarry was appointed chief accountant at Michigan State University-Oakland in 1960 and went on to serve as controller, assistant

vice president for business affairs and controller, and as vice president for administrative affairs. He has held his current position since 1981. He is a graduate of Michigan State University where he majored in accounting.

During McGarry's tenure at Oakland, the university budget grew from \$600,000 to the current \$100 million. McGarry has been active in fund raising through the President's Club; is a past president of the Greater Rochester Chamber of Commerce; and he continues to serve as a board member of the Oakland County Juvenile Diabetes Association.▼

Biologist's Grant Aids in Understanding of Blood Vessels

An Oakland University biologist has won a \$100,000 grant for further refinement of research on how blood vessels grow and pattern themselves within muscle and other organs like the heart and retina.

Fay Hansen-Smith says "knowing more about normal behavior will help provide links to shutting down this growth to inhibit cancers or to stimulate it in areas where vessels have been damaged by heart disease."

The OU researcher is the recipient of the Shannon Award given in honor of James A. Shannon, a former director of the National Institutes of Health. The Shannon Award has been established to provide partial support for research projects that fall short of the assigned institute or center funding range, but are on the margin for funding.

Hansen-Smith says she will use the funds to further her actual research and to strengthen her techniques in cellular and molecular biology.

The scientist says her work differs from that of many scientists in that she focuses on models which will explain thenormal patterns of cell growth and organization rather than working primarily on models of pathological conditions.

She also compares these growth patterns between muscle and other organs to determine how or why blood vessels in different regions of the body are selectively offended by certain conditions like cancer and diabetes.

The OU studies can help establish bench-

Student Interns Help County Win Award

University student interns were instrumental in helping Oakland County win a National Association of Counties Award for serving the community.

More than 20 students in a Job Start program helped improve services to economically disadvantaged Oakland County youths. Joyce Esterberg, program manager in the Department of Placement and Career Services,

marks to which cancerous or otherwise damaged systems can be compared.

Hansen-Smith says knowing more about the growth and differentiation of vascular cells is critical because they are becoming prime targets in the growing field of gene therapy. This involves introducing normal or altered genes into a system to counter a problem created by disease or heredity.

She is studying cell growth in rats directly after birth and says she can gain insights into the research that are not possible by studying individual cells in a culture.▼

says the students worked with the Friend of the Court, pretrial services, sheriff's department and social services.

The students provided guidance and referral services to persons needing employment or training. Several also worked in community placement agencies. The students were paid by the County Employment and Training Division.▼

Sounds of New Trio Aventura on Varner Hall Horizon

The collective talents of three musicians will be heard under the name Trio Aventura this season.

Flavio Varani, professor of piano in the Department of Music, Theatre and Dance, has formed the trio with promising young musicians from North Carolina and New Mexico.

Joining Varani are John Fadial, violin, and Beth Vanderborgh, cello. The trio will perform three classical chamber music concerts this season in Varner Recital Hall.

The musicians met in connection with Varani's annual chamber music festival in Germany. The trio will be dedicated to the

adventure of chamber music of the classical tradition to the present.

Fadial is a graduate of the North Carolina School of the Arts and the Eastman School of Music. He has coached with the Cleveland, Juilliard and Muir quartets. As soloist and chamber musician, he has appeared in concert throughout the United States, Canada, France and Germany.

Vanderborgh studied at the Manhattan School of Music, and while studying at the Eastman School, she teamed with Fadial to create a string duo. She has performed mas-

ter classes with Laurence Lesser, Yo Yo Ma and Aldo Parisot.

Fadial and Vanderborgh have had fellowships to such music festivals as Aspen, Taos and Meadowmount, and they worked this past summer in Banff. They are completing their doctoral degrees at the University of Maryland, where they study with members of the Guarneri String Quartet.

The first Oakland concert is set for 8 p.m. October 3. The others will be January 30 and April 10. For ticket information, call 370-3013.▼

First All-Classes Reunion Even Serves Roast Dean



Joan Rosen, left, an associate professor of English, helps Suzanne Frankie, dean of Kresge Library, with Glyndeburne Picnic preparations. Volunteers from the Friends of Kresge Library sponsored the event, which had a 'Hooray for Hollywood' theme. More than 300 persons attended. The event grossed more than \$40,000. The Glyndeburne was held at Shotwell-Gustafson Pavilion on September 12.

It's not too late to sign up for some of the events taking place during the first-ever all-classes reunion at Oakland University.

The Alumni Association is sponsoring the reunion on October 3. The all-day event includes special tours and luncheons, sporting events and an evening of professional entertainment. Faculty and staff members are also invited to participate.

Alumni have an opportunity to meet President Sandra Packard at a 4 p.m. reception in Kresge Library. Guests will mingle with the president while being entertained by a jazz combo led by Professor Egbert Henry, biology.

Other special events include:

- Formal luncheons, faculty forums, seminars and picnics sponsored by the alumni affiliates of the schools and colleges. The School of Engineering and Computer Science plans to roast not only bratwurst at its luncheon, but Dean Howard Witt, who has announced his plans to step down next year. Witt's roast, however, will consist of being humorously raked over the coals.
- A 15th anniversary reunion of past students and faculty members in the Honors College; a reunion of the charter

class of Oakland (1963); and a Black Alumni Affiliate reception honoring black alumni.

- A swim meet with alumni of the men's and women's teams, an open house at the Meadow Brook Health Enhancement Institute and golfing at Katke-Cousins Golf Course.
- Matinee or evening performances of *Pygmalion* at Meadow Brook Theatre.
- Dining at the *Cheap Cache' Cafe*. That's an experience which heretofore was fondly known as "dinner in the dorm."

Special evening entertainment consists of the premiere performance of Trio Aventura, sponsored by the Department of Music, Theatre and Dance, at 8 p.m. in Varner Recital Hall.

Also beginning at 8 p.m. in the Oakland Center Crockery, alums can choose *Club OUA*, which will feature the talents of Gene Taylor's *Bagnan* character from WKQI radio and members of the *Polish Muslims* band.

For a brochure listing all events, call the special Alumni Relations hot line at 370-4276.

The reunion is supported by the Oakland University Branch of the Michigan State Federal Credit Union and *Spirit*, metro Detroit's monthly arts and information newspaper. ▽

The following *Microcomputer Software Regulations* and *Conflict-of-Interest Policy* are published annually to acquaint employees with their provisions. The *Conflict-of-Interest Policy* was approved by the OU Board of Trustees on November 18, 1981.

Microcomputer Software Regulations

The university is licensed to use numerous microcomputer software programs for its various units. The university enters into a license agreement with the owner of each program pursuant to which the university and its employees assume certain legally binding obligations.

Licensed software is intended for the use specifically authorized in such agreements and remains the intellectual property of the owner and is protected by copyright.

All employees and users of licensed software shall use the software only in accordance with the license agreement. There is no authority for an employee to violate the terms of a license agreement. To transfer possession of any copy, modification or merged portion of any licensed program, whether gratuitously or for gain, shall be deemed to be in violation of these regulations and is prohibited by Oakland University. Such conduct may also violate state and federal law.

Employees who make, acquire, or use unauthorized copies of computer software or otherwise violate these regulations shall be subject to discipline in accordance with university policy and may also be subject to personal liability.

The responsibility for complying with these regulations rests with each employee. Employees shall report any violations to their unit supervisors. Unit supervisors shall report violators for appropriate discipline.

Conflict-of-Interest Policy

Introduction

As a public trust, Oakland University must strive to insure that all transactions in which it is involved are in the public interest. Toward that end, it is proposed that the Board of Trustees approve the Conflict-of-Interest Policy statement set forth below.

Recommendation

Conflict-of-Interest Policy

I. Preamble

All employees, consultants and members of the Board of Trustees (hereafter "Trustees") of Oakland University serve a public-interest role and must conduct all affairs of the university in a manner consistent with this concept. Decisions are to be made solely to promote the best interests of the university and the public good rather than to serve a personal interest.

This policy is designed to foster high ethical standards of performance by insuring that actual or apparent conflict-of-interest situations are avoided.

Nothing in this policy shall be considered to conflict with applicable State laws governing the conduct of public officers and public employees.

Definitions

A. Employee: As used hereafter, the term "employee"

means an employee, regardless of classification or rank or a consultant to the university.

B. Financial interest: "Financial interest" means any interest, direct or indirect, in the financial success or failure of an organization or company with whom the university does business, regardless of how such interest was acquired. A "financial interest" includes owning stocks or bonds; being a partner or employee or creditor; or any other arrangement that results in an interest in or claim upon the assets or income of the company or organization.

Excluded are immaterial interests, that is, interests of such a general or insignificant nature that university transactions with the organization or company will not result in direct benefit to the individual. A "financial interest" includes any interest of the employee, Trustee, or employee or Trustee spouse; and any interest of those who are related to any of the foregoing as parents, children or siblings.

C. Gift: A gift means anything of value except as excluded below. A gift may be in the form of money, goods, entertainment services, price concessions not available to all employees or to the public, use of property or facilities, loans (except loans upon normal terms from a lending institution) or in any other form. Specifically excluded from the term "gift" are nominal advertising items or promotional materials of token value, or food consumed at a business meeting.

III. Statement of Policy

University employees and members of the Board of Trustees (hereafter "Trustees") should not have a personal financial interest in transactions with the university. Recognizing, however, that such interests will be on occasion unavoidable, there should be full disclosure of any such interest in advance of university action, and special approval of the transaction is required as set forth herein to insure that university welfare is the paramount consideration. The specific terms of this policy are to be interpreted in light of the broad objectives set forth in the preamble.

A. No employee or Trustee shall recommend or determine to enter into a transaction on behalf of the university when such transaction involves an organization in which the employee has a financial interest unless the provisions of Article IV are met in advance. If there is any question about whether this prohibition III A should apply, the provisions of Article IV must be followed.

B. The university shall not enter into any transaction for the purchase of any item or service (other than on employment or consulting contract) with any employee, Trustee, or employee or Trustee spouse or with anyone who is related to any of the foregoing as parent, child, or sibling.

C. Acceptance by an employee or a Trustee of a gift from an individual or organization that engages in commercial transactions with the university is prohibited. If a gift is received, it must be returned unless an acceptable statement is filed with the university president (or the Board of Trustees Finance and Personnel Committee in the case of

the president or a Trustee) describing the gift and justifying its retention in terms of the university's best interests.

D. An employee or Trustee must inform the university of any outside interest, consulting service, or other relationship that might interfere with her/his internal duties or raise a question of conflict-of-interest in cases in which an employee's outside relationship substantially interferes with the employee's ability to carry out her/his job responsibilities and/or act in the university's best interests, the employee must either end the outside relationship or sever employment with the university.

E. A Trustee must abstain from voting on any matter when to do so would place or appear to place the Trustee in a conflict of interest situation. The minutes of Board meetings shall record such abstentions.

IV. Exceptions to this Policy

A. No employee or Trustee of the university shall have the authority to authorize, approve, ratify, or confirm any transaction which is an exception to this policy, except as provided below.

B. The president of the university or his designee may approve exceptions to this policy which involve university employees. Any such designation shall be made in writing. Exceptions involving the president or a Trustee may be approved by the Finance and Personnel Committee of the Board of Trustees. Any approved exceptions to this policy must be made in writing and the reasons therefore must be documented.

C. Approval of an exception shall be based upon a finding that the transaction is fair, reasonable, and in the best interests of the university.

V. Role of the Purchasing Department

The Purchasing Department is empowered to delay the processing of any requisition that appears to be in violation of this policy in order to investigate the circumstances surrounding the proposed transaction. If, following investigation, the transaction still appears to be a violation, the matter will be referred to the Vice President for Finance and Administration.

Any purchase order or contract issued by the university is subject to cancellation if any university employee involved has a relationship or history of activity with the vendor that is violative of this policy. All purchase orders and contracts shall contain a clause to this effect.

VI. Policy Dissemination

The university will communicate this policy to Trustees and the campus community at the time of its adoption and at least annually thereafter. The policy shall be included in the university *Administrative Policies and Procedures Manual*.

The Vice President for Finance and Administration, has been designated to handle employee requests for exceptions to this Policy. Employees who are interested in seeking exception should contact him. In the case of members of the Board of Trustees, written contact should be made with the Board Secretary, who will transmit exception requests to the Finance and Personnel Committee of the Board.

Events

SEPTEMBER

- 19 – Women's tennis with Wayne State University, 10 a.m., Lepley Sports Center. Free. 370-3190.
- 19-20 – Marriott Soccer Classic with Oakland, Grand Canyon, Missouri-St. Louis and California-San Bernadino, 1 and 3:30 p.m. games, Lepley Sports Center field. Admission. 370-3190.
- 20 – Commencement for June and August graduates, 2 p.m., Baldwin Pavilion. Free. 370-2190.
- 22 – Bible Study for faculty, staff and students, noon-1 p.m., 125 Oakland Center. Free. Victoria Junior at 370-3480.
- 22 – Women's volleyball with Wayne State University, 7 p.m., Lepley Sports Center. Admission. 370-3190.
- 23 – Men's soccer with Spring Arbor College, 3:30 p.m., Lepley Sports Center field. Admission. 370-3190.
- 24 – Representative of Fidelity Investments on campus. Call Staff Benefits Office at 370-3483 for an appointment.
- 24 – Faculty Forum with Richard Pettengill and Frank Lepkowski of Kresge Library, and Geoff Brieger of the Department of Chemistry, 7 p.m., Kresge Library. Sponsored by the President's Club for its members and guests. 370-2240.
- 26 – Women's tennis with Saginaw Valley State University, noon, Lepley Sports Center. Free. 370-3190.
- 29 – Bible Study for faculty, staff and students, noon-1 p.m., Oakland Center Faculty Lounge. Free. Victoria Junior at 370-3480.
- 30 – ACE-NIP Professional Women's Breakfast, *Sexual Harassment: Do Men and Women See Eye to Eye?* with speaker Elizabeth Barclay, 7:30-9 a.m., Oakland Center Gold Room C. Admission. Reserve by September 21. 370-3287 or 370-4116.
- 30 – Men's soccer with Western Michigan University, 3:30 p.m., Lepley Sports Center field. Admission. 370-3190.

30-October 1 – Workshop on Intelligent Manufacturing Systems, all day, Hyatt Regency Hotel, Dearborn. Admission. Sponsored by the International Federation of Automatic Control and the School of Engineering and Computer Science. 370-2177.

OCTOBER

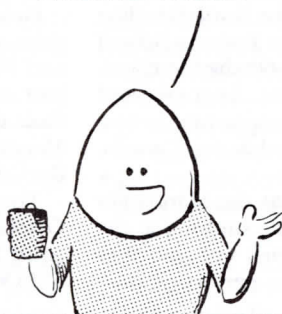
- 1 – Seventh annual School of Business Administration Business Forum with pollster George Gallup, Jr., speaking on *Forecast 2000*, noon, Shotwell-Gustafson Pavilion. Admission. Sponsored by SBA Student Board and Ameritech Publishing. 370-3286.
- 1 – University Board of Trustees meeting, 3 p.m., Oakland Center. 370-3110.
- 2-3 – Pioneer Classic women's volleyball tournament, Lepley Sports Center. Admission. 370-3190.
- 3 – Trio Aventura concert, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.
- 3-25 – Play, *Pygmalion*, Meadow Brook Theatre. Times vary. Admission. 370-3300.
- 3 – *Rediscover OU*, alumni reunion for all Oakland graduates, on campus, all day. Admission. 370-2158.
- 6 – Bible Study for faculty, staff and students, noon-1 p.m., 128 Oakland Center. Free. Victoria Junior at 370-3480.
- 6 – Presentation by TIAA/CREF representative, 9-11 a.m., Oakland Center Gold Room A. Free. 370-3483.
- 6 – Presentation by Fidelity Investments representative, 1-3 p.m., Oakland Center Gold Room A. Free. 370-3483.
- 7 – Presentation by Fidelity Investments representative, 9-11 a.m., Oakland Center Gold Room A. Free. 370-3483.
- 7 – Presentation by TIAA/CREF representative, 1-3 p.m., Oakland Center Gold Room A. Free. 370-3483.
- 9 – *Pontiac-Oakland Symphony gala opening concert*, 8 p.m., *Pontiac Central High School*. Admission. 370-3013.
- 9-10 – 31st annual Writers' Conference, noon-4 p.m. Friday and 8 a.m.-4 p.m. Saturday, on campus. Sponsored by Division of Continuing Education and Detroit Women Writers. Admission. 370-3120.
- 10-11 – Central Region Classic men's soccer tournament with Oakland, Mercyhurst, Northern Kentucky and Wisconsin-Parkside, noon and 2:30 p.m. games. Lepley Sports Center field. Admission. 370-3190.
- 11-14 – International Meadow Brook Conference on Steroid Receptors in Health and Disease, all day. Sponsored by Department of Biological Sciences. 370-3553.
- 12-December 2 – Annual TeleFund sponsored by the Alumni Association. 370-2158.
- 13 – Bible Study for faculty, staff and students, noon-1 p.m., Oakland Center Lower Annex. Free. Victoria Junior at 370-3480.
- 13 – Personal appointments with TIAA/CREF retirement counselor. Call Staff Benefits Office, 370-3483.
- 14 – Videoconference, *Women's Leadership – Key for the '90s*, 12:30-3 p.m., Varner Recital Hall. Sponsored by Division of Continuing Education, the Continuum Center and the Oakland County Chamber Division of the Greater Detroit Chamber of Commerce. Admission. 370-3120. Reception for participants follows from 3:45-5:45 p.m. at Meadow Brook Hall.
- 14 – Representative of Fidelity Investments on campus. Call Staff Benefits Office at 370-3483 for an appointment.
- 14 – Men's soccer with Eastern Michigan University, 3:30 p.m., Lepley Sports Center field. Admission. 370-3190.
- 15 – University Senate meeting, 3:10 p.m., Oakland Center Oakland Room. 370-2190.
- 16 – ACE-NIP luncheon honoring Phyllis Law Googasian, former university trustee, noon-1:30 p.m., Oakland Center Gold Rooms. Admission. Reservations by October 12 at 370-3496.
- 17 – Homecoming Day, featuring men's soccer with Gannon University, 2 p.m., Lepley Sports Center field. Admission. 370-3190.
- 17 – Women's tennis with Ferris State University, 2 p.m., Lepley Sports Center. Admission. 370-3190.
- 20 – Bible Study for faculty, staff and students, noon-1 p.m., Oakland Center Faculty Lounge. Free. Victoria Junior at 370-3480.
- 23-November 8 – Play, *Cloud Nine*, various times on weekends, Varner Studio Theatre. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.
- 23 – Women's volleyball with Northwood Institute, 7:30 p.m., Lepley Sports Center. Admission. 370-3190.
- 24 – Women's volleyball with Lake Superior State University, 1 p.m., Lepley Sports Center. Free. 370-3190.

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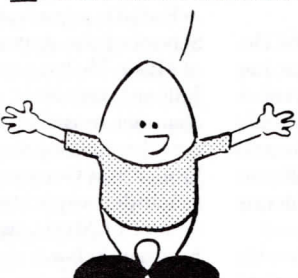
WELL, I DID EVERYTHING
THE EXPERTS SAID
I SHOULD DO,



AND YOU KNOW SOMETHING?
IT ACTUALLY WORKED! -



MY RETIREMENT NEST EGG
DID GROW BIGGER EVERY YEAR!



NOW WHAT?

