



OAKLAND UNIVERSITY

News

104 North Foundation Hall
Rochester, MI 48309-4401

A publication for the university community

January 8, 1993

Microbiologist Searches for Elusive 'Magic' Microbes

Microbiologist Satish K. Walia has swapped his lab coat for field boots and taken his quest for super microbes on the road.

Walia works with experts in chemistry, hydrogeology and engineering at contaminated sites in Willow Run, Oshawa, Canada, and Syracuse, N.Y., looking for successful solutions for the cleanup of contaminated sites.

Specifically, Walia says he is "trying to enhance the ability of native soil microbes to break down toxic materials at the contami-

nated sites. This avoids the usual high costs of removing and treating the materials."

Supporting the innovative field research are General Motors Corp., the National Center for Manufacturing Science, and Enviroclean, Inc., an environmental technology company. In addition, Walia continues to receive significant support from the Environmental Protection Agency for his laboratory biodegradation research.

The scientist says "biodegradation is the process by which a variety of microorganisms

participate in the breakdown or metabolism of natural and synthetic organic compounds." He says "problems in applying the science can be traced to incomplete awareness and understanding of the complex micro-environments at a contaminated site."

Walia says field research is crucial to solving the problems of breaking down petroleum products like gasoline, manufacturing solvents like degreasing solvents, and polychlorinated biphenyls or PCBs.

A typical project will begin with the identification of a contaminated site. "Then there is an investigation into the kinds of bacteria at the site and tests to see if the bacteria are capable of breaking down the site specific contaminants under the prevailing site hydrogeologic and microbiological conditions," Walia says.

The scientist says it is accepted that natural soil microorganisms (those present naturally) can degrade most toxic chemicals under favorable conditions (including PCBs). The key, Walia says, is knowing what the right conditions are and then to create and maintain those conditions throughout the contaminated soil so they microorganisms can flourish and consume the contaminants.

Walia says "this is why it is so important to swap the lab coat for field boots and to take the work into the laboratory into the field."

The work in New York is made possible through cooperation of the New York Department of Environmental Conservation and

aimed at PCB contamination. The work in Canada deals with TCE or degreasing agents in the soil, and the Michigan research at Willow Run is studying how microorganisms can degrade BTEX or heavy petroleum pollutants.

Walia reports that "the goals are not only to try and clean up our contaminated sites, but to make sure that the products produced in the biodegradation do not turn out to be more harmful than the original substances."

Frank Butterworth of the Department of Biological Sciences is collaborating with Walia in performing three different types of laboratory tests with contaminated site soil. They are evaluating the toxicity of degradation products, the genetic structure of the microorganisms that ingest them, and any genetic carry over to future generations. They are also evaluating any acute toxicity of the degradation products; in other words, products so toxic that the bugs would die if they ate the materials.

There are key environmental, health and ethical questions involved, Walia says. He says the answers can only be found in the field.

The researcher turned field practitioner is very optimistic about prospects for new understanding and cost-effective solutions. He says that "a planned Science and Technology Center at OU will speed the process and lead to a better environment for society at large."▼



Joan Rosen, associate professor of English, cochairs the Enduring Legacy campaign with Louis Ross. She displays the Wall of Honor in the library foyer.

Wall of Honor Recognizes Kresge Library Donors

Donors to the Enduring Legacy campaign for Kresge Library have a place to call their own.

More specifically, they have a wall of honor to note their gifts, which range from \$1,000 to more than \$250,000. The university dedicated the wall of honor during a ceremony December 15 in the library foyer.

President Sandra Packard thanked the donors, many of whom were able to attend the ceremony, for their strong support of the university. By giving to the library, the president noted, the donors are helping to change not only the library itself, but the individuals who use its resources.

Library Dean Suzanne Frankie said funds raised for the Enduring Legacy campaign are used strictly for acquisitions of books and serials, plus information resources, which may include on-line computer services and CD-ROMs.

Frankie noted the high cost of materials makes it essential that the library continue to receive support from donors. The average cost of a book is \$50 and the average cost of a journal is \$270, she said.

Donors whose names now appear on the wall of honor are:

Legacy Gifts (\$250,000 or more)
The Oakland University Foundation Board of Directors, and Melvin and Hettie Raber.

Leadership Gifts (\$100,000 to \$250,000)
The Friends of Kresge Library, Mr. and Mrs. Marvin L. Katke, and Mr. and Mrs. Louis R. Ross.

Major Gifts (\$50,000 to \$100,000)
Stephan and Rita Sharf, Stuart and Maxine Hall, Jo Anne and Donald E. Petersen, Mrs. Pearl Mealey in memory of Norman F. Mealey, and the McGregor Fund.

Special Gifts (\$25,000 to \$50,000)
John M. Savio in memory of Dominick and Anna Savio, Mrs. George R. Klein and Barry M. Klein in memory of George R. Klein, Joan and Robert Rosen, the Oakland University Branch of the Michigan State University Federal Credit Union, and Mrs. Betty Warner in memory of Harold G. Warner.

Tribute Gifts (\$1,000 to \$25,000)
Mr. and Mrs. Wilfred E. Belanger, H. Glenn Bixby, Cathy and Bill Connellan, George and Phyllis Law Googasian, Mr. and Mrs. Karl D. Gregory, Mr. and Mrs. James L. Howlett, Mrs. Francis C. McGrath (Betty), William A. and Diana J. Mitzelfeld, Henry Price, Anne H. Tripp, Mr. and Mrs. Wayne Wells, Phillip G. and Barbara J. Williams, and Mr. and Mrs. Robert J. Zolad.▼

Enduring Legacy Facts

Cochairs:

Louis Ross, vice chairman and chief technical officer of Ford Motor Co., and Joan Rosen, associate professor of English.

Goal:

\$5 million. Approximately 63 percent of the goal is now in hand or committed.

Purpose:

Funds for acquisition of books and journals, and access to computer information services.

On 'Cloud Nine' Theatre Festival Selects OU Students

An impressive performance of *Cloud Nine* by Oakland students has earned them the right to perform in a regional competition that leads to the Kennedy Center American College Theater Festival in Washington, D.C.

Cloud Nine cast members took their act on the road to Southern Illinois University for the competition from January 5-10. They will compete for regional honors with the University of Michigan-Flint, the University of Wisconsin-Green Bay, the University of Evansville, Illinois State University and Sinclair Community College of Ohio. In all, 148 entries from five states were considered for the regional competition.

Karen Sheridan, assistant professor of theatre in the Department of Music, Theatre and Dance, directs the play. *Cloud Nine* by Caryl Churchill is a challenging and provocative look at sexual, racial and gender roles in Victorian colonial Africa and pre-AIDS London of 1980.

The American College Theater Festival is an annual weeklong event offering college and university students the chance to participate in workshops and compete for scholarships. The festival offers the Irene Ryan Foundation Acting Scholarship. After seeing Oakland's Angela Maclean in *Cloud Nine*, festival representatives selected her unanimously to compete for the Ryan scholarship.

This will be the fifth time Oakland has sent a production to the festival. In 1978, Oakland was represented with *Alice*. In 1982, *Jerrigg* won



Angela Maclean, who has been nominated for the Irene Ryan Foundation Acting Scholarship.

the regional competition and competed at the national level. In 1987, it was *Gorey Stories* and in 1991, *The Boyfriend* was nominated.

Contributing to the success of the *Cloud Nine* production were Susan Barrett, assistant professor of music, who designed the scenery and costumes, and student Eric Rotta, who designed the lights.▼

President Serves on Michigan World Cup Commission

Governor John Engler has appointed President Sandra Packard to serve on the Michigan World Cup Commission.

The commission will counsel and assist the activities of the Michigan Host Committee for the 1994 World Cup soccer competition.

Over a two-week period in June 1994, the Pontiac Silverdome will host four games as one of nine sites chosen for the competition. The World Cup is the largest single sporting event in the world.

President Packard said the appointment was an honor for her and a "great opportunity for the university." The World Cup will involve 24 nations and 52 games.

The Michigan effort is unique in that it involves the only American site using a domed

stadium and a natural grass field. Next summer, games will be staged in the Silverdome to test the site and natural grass field that will be constructed for the World Cup. The Silverdome has an artificial grass field for football games.

James Fitzpatrick, chairman of the Michigan Host Committee, welcomed President Packard as a commissioner. He noted the Michigan charge is "to provide immediate and lasting economic benefit to Detroit and to the state of Michigan," "to enhance the worldwide image of Detroit and Michigan," "to leave a legacy for soccer in Michigan" and "to be the best of the nine venues in making the U.S. World Cup Games the best in history."▼

Videoconference Focuses on Multicultural Workplace

A live national videoconference to assist managers of a multicultural workforce in making diversity their competitive advantage will be conducted January 13.

The videoconference will be presented through the business-education partnership of the Division of Continuing Education and the School of Business Administration. They are presenting it in cooperation with the Oakland County Chamber Division of the Greater Detroit Chamber of Commerce, the Business Enterprise Development Center, Consumers Power and the *Oakland Press*.

The videoconference from 12:30-3 p.m. in Varner Recital Hall will be followed by a

panel of local experts, focusing on challenges in managing the multicultural workplace from the legal and corporate management perspectives and from the perspective of a business owner.

Panelists will be Steven J. Fishman, principal of The Fishman Group, Bloomfield Hills, an employment attorney representing employers throughout the Great Lakes region; Patricia Isaacs, regional vice president of McDonald's Corp., Detroit region, who is responsible for day-to-day operations of 187 McDonald's restaurants, including licensing, real estate and construction; and Carmen Munoz, president and part owner of Munoz

Machine Products, Livonia, who started a business with two colleagues in 1984 and projects \$3 million in sales for 1992.

During the videoconference, national experts will discuss dealing with the challenges of managing a multicultural workforce. They will compare the workforces of the United States with Europe and Japan, identify obstacles to gaining the competitive edge and discuss improving results and effectiveness with a multicultural workforce. A reception at 4 p.m. will close the program.

Registration is \$65. For information, call the continuing education office, 370-3120, from 8 a.m.-5 p.m.▼

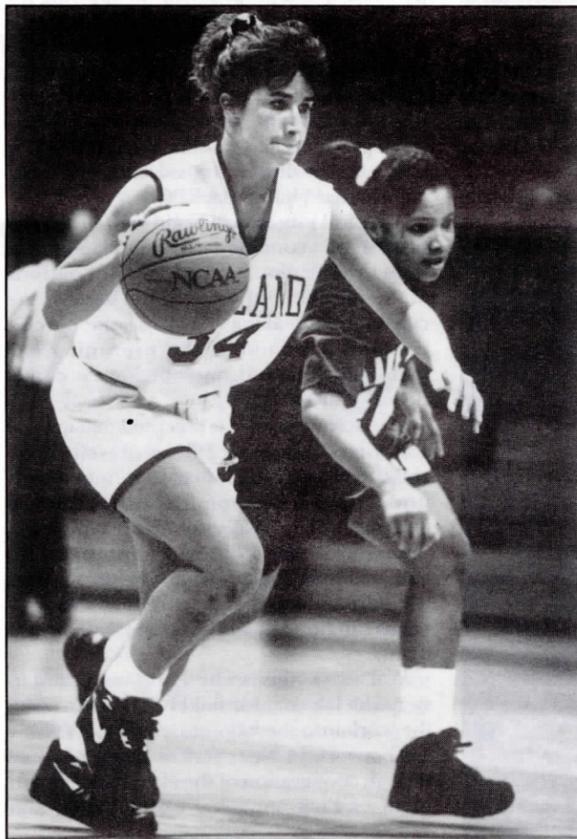
Search Begins for Vice President

The university has begun the search for candidates for the position of vice president for finance and administration.

Senior Vice President John De Carlo chairs the search committee. The university community may nominate persons for the vice presidency or suggest that qualified individuals submit their own application materials.

Advertisements listing the qualifications have been published in the *Chronicle of Higher Education* and *Black Issues in Higher Education*. A targeted mailing campaign has also been completed.

Anyone with suggestions regarding the search may contact De Carlo or any of the committee members: Roberta Badgley, David Doane, Bill Kendall, Sid Mittra, Ronald Olson, Wilma Ray Bledsoe, Stephan Sharf or Margaret Twyman.▼



Pioneer Power

Oakland's sophomore forward Kelli Krajniak drives for the basket during a recent game. The Pioneers were 8-1 overall and 2-0 in the GLIAC going into action on January 7, which was good for a share of first place. For ticket information on men's and women's games, call the Athletic Department at 370-3190.

Resignations Open Two Key Positions

The resignations of two individuals have created vacancies within two significant positions at the university.

University Trustee L. Brooks Patterson has resigned from the Board of Trustees to avoid any conflict of interest with his new position as Oakland County executive.

Patterson informed Governor John Engler of his decision in December. Patterson took office on January 1 as county executive. He had been appointed by the governor in 1991 to an eight-year term on the board.

In addition, Paul Osterhout has resigned as director of development as of January 29. He will become director of development at the Eli Broad College of Business at Michigan State University.

Osterhout's responsibilities will be reassigned until a new vice president for university relations is appointed (final interviews are now being conducted). Margo King will now serve as acting vice president for university relations with responsibility for Alumni Relations, Development Services, the President's Club, fund raising, processing of gifts and grants, and her existing duties.

The Oakland University Foundation will be overseen by Robert Swanson, retired vice president for development. Swanson has continued to serve the university as a consultant to the foundation.

Meadow Brook Theatre, which had reported to King, will now be reassigned temporarily to John De Carlo, senior vice president, secretary to the Board of Trustees and general counsel. De Carlo had previous experience in managing the theatre and music festival from 1969-75.▼

Of Distinction ...

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

Ching L. Ko, mechanical engineering, organized the 1992 American Institute of Aeronautics and Astronautics Mini-Symposium which took place on campus in December. He also presented two papers, *Finite-Element Analysis of the Heat Transfer Behavior of Laminar-Flow Concentric-Tube Heat Exchangers with the Effects of Viscous Dissipation and Axial Conduction* and *Mathematical Analysis for the Elastic Behavior of Helicopter Rotor Blades Constructed of Sandwiched Composite Materials*.

Paul Razgunas, mechanical engineering, presented his paper, *Optimization of Static Thrust of a Helicopter Blade*, at the American Institute of Aeronautics and Astronautics Mini-Symposium.

Meir Shillor, mathematical sciences, presented a paper, *Thermoelastic Contact* at the American Institute of Aeronautics and Astronautics Mini-Symposium.

Y.C. Tang and Y.Y. Hung, mechanical engineering, presented their paper, *Diffraction Strain Gauge for Measuring Strains in Plastics and Composites* at the American Institute of Aeronautics and Astronautics Mini-Symposium.

X. Xu and Y.Y. Hung, mechanical engineering, authors of *A Hybrid Numerical-Laser Speckle Technique for Vibration Analysis*, presented their paper at the American Institute of Aeronautics and Astronautics Mini-Symposium.

F. Chen and Y.Y. Hung, mechanical engineering, presented their paper, *Reflective Computer Vision Technique for Measuring Plate Deformation*, at the American Institute of Aeronautics and Astronautics Mini-Symposium.

D. Shi and Y.Y. Hung, mechanical engineering, coauthored *Three-Dimensional Computer Vision Technique for Evaluation of Large Structural Surfaces* and presented it at the American Institute of Aeronautics and Astronautics Mini-Symposium.

Sarma R. Vishnubhotla, computer science and engineering, presented a paper, *Computational Needs in a Space Vehicle* at the American Institute of Aeronautics and Astronautics Mini-Symposium.

C.C. Li and M.K. Das, electrical and systems engineering, presented their work, *Lossless Comprehension of Medical Images Using Space-Varying Multiresolution Multiplicative Autoregressive Models*, at the American Institute of

Aeronautics and Astronautics Mini-Symposium.

S. Nagabhushana, computer science and engineering, presented a paper, *Acoustic Testing of Aerospace Systems*, at the American Institute of Aeronautics and Astronautics Mini-Symposium.

S. Ganesan, P. Srinivasan, C. Srinivas and S. Ahuja, computer science and engineering, coauthored *The Role of a DSP Microcontroller in Real-Time Control* and presented it to the American Institute of Aeronautics and Astronautics Mini-Symposium.

Jane Briggs-Bunting, journalism, was awarded a \$4,000 Freedom Forum grant to research an article on *Mismanagement of the Wild Horse Population*. In addition, the Summer Journalism Camp for minority high school students that she directs was awarded a \$4,000 Dow Jones Newspaper Fund Grant for the 1993 camp.

Dikka Berven, French, presented *Venus in Book II of Montaigne's 'Essais'* at the Montaigne Conference at the University of Massachusetts.

Nicole Buffard-O'Shea, French, presented her paper, *Boris Vian et Maymond Queneau: Convergence Textuelle*, at a colloquium at the University of Victoria, Canada.

Ron Rapin, Spanish, presented *St. John of the Cross and Nicholas of Cusa: Two Mystic Views of Life* during the Kentucky Foreign Language Conference held at the University of Kentucky.

Munibur Rahman, Hindi-Urdu, published several works, including: *Mughals: Literature, Musha'ara, Mustazad, Mushifiki and Musammal: In Later Persian and Indo-Muslim Literature* in the *Encyclopedia of Islam*, vol. VII, published by Leyden in 1992.

Chris Clason, German, published *German Romanticism in the History of German Literature*, edited by **Kim Vivian**, and published by Camden House.

Barbara Mabee, German, received several grants, including a study/visit grant from DAAD (German Academic Exchange Service) for a research project and interviews with poet Elke Erb in Berlin; an Oakland University Research Fellowship for the research project in Germany; a Loyola College stipend to attend Loyola College/European Academy Seminar on *Contemporary German Literature and Theatre* in Berlin; and two Oakland University Research Grants for the Women's Film Festival.

The Campus Register

New Faces

Recent additions to the university staff include:

- Janet Harris of West Bloomfield, a secretary I in the Department of Modern Languages and Literatures.

Nominations

Teaching Excellence Award

The Senate Teaching and Learning Committee has issued a call for nominations for the Teaching Excellence Award.

One award will be made for the 1992-93 academic year to a full-time, tenured or tenure-track faculty member. The award includes a \$2,500 stipend from the Oakland University Foundation. It will be presented at fall commencement.

Anyone within the university community may nominate faculty members. The letter of

nomination should include sufficient supporting statements to permit an initial review of the nominee. Criteria include superior classroom performance, innovative instructional practice, high educational standards and maintenance of a productive or inspirational learning environment.

Nominees and chairs of nominees' departments will be contacted by the search committee and asked to provide additional information. Previous Teaching Excellence Award winners and current members of the Teaching and Learning Committee are not eligible for nomination.

Nominations will be accepted until February 15. Those with electronic mail capabilities may send letters to Andrews at his "andrews@vela.acs.oakland.edu" address. Others using laser printers, typewriters or hammer and chisel may send nominations via

campus mail to Kevin Andrews, mathematical sciences, 332 O'Dowd Hall.

Jobs

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

- Vice president for finance and administration, executive, Office of Finance and Administration.

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.

- **James Llewellyn**, News Service senior editor and news director, 370-3180

- **Jay Jackson**, *Oakland University News* editor, News Service staff writer, 370-4344, or E-mail at jacksonj@argo.acs.oakland.edu
- **Rick Smith**, Publications Department photographer, 370-4341
- News Service fax: 370-4249

Quote

"The whole of science is nothing more than a refinement of everyday thinking."
— Albert Einstein

Bits & Pieces

Office Hours Changed

President Sandra Packard has changed the time of her open house hours to 3:30-5 p.m. on Fridays. Occasionally the president must cancel the open house hours due to scheduling conflicts. To find out if the president will be in, you may call Shirley Cobb at 370-3500.

Committee Studies Parking

President Packard has appointed a committee to look into campus parking issues.

The committee, chaired by Catherine Rush, director of equal opportunity, will consider requests for parking arrangements to accommodate special events, receive and review questions or concerns that faculty, staff and students have, and make recommendations to the director of public safety on parking issues and parking policy.

The committee will meet monthly during the winter semester. Something the committee will not consider, however, is individual problems related to parking violations.

Two Homes for Sale

Two houses in the Meadow Brook subdivision are listed for sale with Kate Lark, risk management and contracting.

One, at 710 McGill, is a 1,782-square-foot four-bedroom colonial with family room and fireplace, 1.5 baths and a two-car garage. The house includes the refrigerator, stove, dishwasher, and washer and dryer.

The second at 714 Cambridge is a 1,980-square-foot colonial with five bedrooms, 2.5 baths, a fireplace, full basement and an attached garage.

If interested in either home, call Lark, the campus real estater, at 370-4196.

Athletes Take Honors

Three pioneers were selected to the academic all-GLIAC squads in cross country and women's tennis.

Senior Paul Horvath was selected for the cross country team, and team member Tony Markel earned honorable mention. Junior Lisa Bielenda earned honorable mention on the All-Academic women's tennis squad. To be eligible for any GLIAC All-Academic squad, a student must have at least a 3.00 GPA.

Meanwhile in soccer, senior defender Derek Williford and sophomore forward Mali Walton were named NCAA Division II second-team All-Americans.

Williford, a sweeper on the OU team, anchored the Pioneer defense and tallied eight assists. Walton was OU's number two scorer with 17 goals and 14 assists for 48 points. He finished 12th in the nation in scoring.

This was the second time in school history that Oakland has had two All-Americans in the same year. Meally Freeman was a first-team All-America and Gray Haizel earned second-team honors in 1985.

Williford and Walton were joined on the All-Mideast team by junior goalkeeper Mike Sheehy and sophomore forward Eli Tiomkin. Sheehy was 10th nationally in goals against average at 0.97. He also logged 10 shutouts.

Tiomkin set a school record with 51 points on 20 goals and 11 assists. He finished tied for ninth place in scoring and 10th in goals scored in the final NCAA Division II statistics. It was the second straight year that Walton has been named to the All-Region squad. Sheehy was also named for the second time, earning All-Mideast honors as a first-year student in 1990.

The Pioneers finished the soccer season with an 18-3-1 record after advancing to the NCAA Division II tournament semifinals.

In volleyball, three players — seniors Darlene Monroe and Julie Bardoni and junior Natalie Koan — earned spots on the GLIAC All-Academic team.

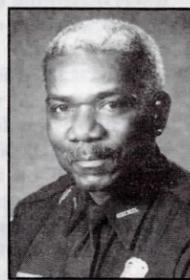
Monroe, a first-team all-GLIAC honoree, and Koan, who earned honorable mention all-GLIAC honors, were named to the All-Academic first team. Bardoni, also an honorable mention All-GLIAC team member, earned honorable mention academic laurels as well.

Oakland was the only school with two first-team selections. Three of the nine total honorees were from Oakland.

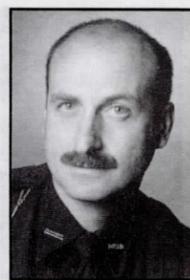
Taking the Oath

Fifteen members of the Department of Public Safety and Police are officially deputies of the university now.

During a brief ceremony on December 18, President Sandra Packard swore in the officers. Previously, the officers were deputized by the Oakland County Sheriff's Department. Michigan universities, through authority granted by the state, may choose to deputize their own officers.



Early Alexander
• Officer
• With OU since 1988



David Birkholz
• Officer
• With OU since 1980



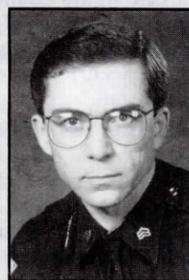
Nan Gelman
• Officer
• With OU since 1991



Sergeant Larry Johnson receives his formal deputization certificate from Ray Harris, acting vice president for finance and administration.



Mel Gilroy
• Senior Investigator
• With OU since 1972



Doug Godwin
• Sergeant
• With OU since 1974



Mark Gordon
• Officer
• With OU since 1988



Elaine Hill
• Officer
• With OU since 1974



Larry Johnson
• Sergeant
• With OU since 1970



Richard Leonard
• Director
• With OU since 1977



Sheila MacDonald
• Officer
• With OU since 1977



Brian Munson
• Officer
• With OU since 1986



T. A. Ross
• Officer
• With OU since 1989



Roderick Sampson
• Officer
• With OU since 1987



Allen Steele
• Sergeant
• With OU since 1970



Richard Tomczak
• Sergeant
• With OU since 1972

January Employee of the Month

EMPLOYEE:

Al Robinson

POSITION:

Custodian head B

DEPARTMENT:

Campus Facilities and Operations

LENGTH OF OU SERVICE:

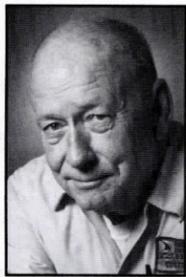
25 years

EMPLOYMENT HISTORY AT OU:

In current position since hire.

PLAUDITS OF OTHERS:

- "Al is a hidden 'gem' at Oakland University. He takes pride in his work and is always willing to help with special custodial services we need in the office."
- "I can always count on Al for a friendly smile and a work of encouragement when he senses my day isn't going well. I have often seen him provide this support to other staff."
- "In Al's contact with students, he always dis-



Robinson

plays a 'welcome to Oakland' customer service oriented attitude."

- "When Al and I worked evenings together, it was reassuring to know he was here; that he was watching out for me, our students and other staff."
- "When I started as a 19-year-old kid, almost 20 years ago, Al was my first coworker at Oakland. I was fortunate to have such a hardworking, conscientious employee to start me off on the right foot. Everyone should be lucky enough to start off under the wing of someone like Al."
- "Whenever we have a special project to complete, Al is always there to help us keep the clutter under control by removing boxes and emptying trash receptacles. He seems to have a sense of when and where he is needed."
- "For all these reasons, and his many years of dedicated service to the university, Al Robinson is deserving of special recognition."

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

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

Mason to Direct Upward Bound

A veteran educator has joined the university staff as director of the Upward Bound program.

Doris Mason, who retired early after 30 years with the Detroit public school system, began working with the university on December 7. Most recently she was acting director of the Upward Bound program at Marygrove College.

In her new position, Mason says, "I want to make this one of the best programs in the state. Upward Bound has a lot of promise and opportunity for high school students." Oakland's Upward Bound program has 110 students from Pontiac, Oak Park and Ferndale high schools. Forward Bound, a program which prepares seventh and eighth grade students for Upward Bound, includes students from Pontiac schools.

"I think this program is a challenge because it's one of the largest in the state," Mason says. "I look forward to working with students, parents, and the Upward Bound and university staff to make this program successful."

The purpose of Upward Bound is to encourage students to seek a college education. Classes and workshops are held on campus to acquaint students with university programs. Often persons who completed the

Upward Bound program themselves come back to serve as mentors.

"It's rewarding to see successful students after they have gone through Upward Bound and advanced to college," Mason says. "It's encouraging to have the graduates come back and work with the students."

Mason's career in education began with Detroit public schools as a business teacher. Later she became a guidance counselor and head of the business department. When she retired in 1988, Mason was assistant principal of Osborne High School. She then worked part-time at Wayne State University as a supervisor of student teachers before joining the Marygrove College staff.

The new director received her bachelor's degree from Central State University, her master's from the University of Michigan and her doctorate in education from Wayne State.▼



Mason

Dance Ensemble to Share Stage with New Yorkers; Profs Do 'Laughing Wild'

Two productions presented by the Department of Music, Theatre and Dance will focus on modern dance and a contemporary play.

The Eisenhower Dance Ensemble will team with the Pick of the Crop Dance and Music Ensemble from Buffalo, N.Y., in concert at 8 p.m. January 8-9. The event will be in Varner Recital Hall.

On January 16, the department will present *Laughing Wild* at 8 p.m. in the recital hall. It is presented as part of the Sensory Perceptions Series, which is a collection of faculty performances.

For the *On the Move* dance concert, each troupe will perform four dances. The Eisenhower troupe will perform selections choreographed by Eisenhower. Highlighting the concert will be a new work by Eisenhower choreographed to the music of Palestrina. The Oakland Chorale, conducted by Rebecca Reese Dawson, will perform the music live at the concerts.

"The idea for this dance excites me. It's not just a visual experience but an aural one as well," Eisenhower says. "The choir singing on the balcony of the hall should prove to be a

fabulous experience, filling up the space with wonderful sacred music."

Other Eisenhower dances will be *Interims*, a selection choreographed in 1984 that explores the relationship of a child and her parents; *Enlight*, which the dancers perform in a small rectangle of light; and *Love Songs*, set to music of George Gershwin.

The department's production of *Laughing Wild*, directed by Susan Barrett, will feature faculty members Karen Sheridan and Michael Gillespie.

The play is suggested for mature audi-

ences only. It hits on such topics as Sally Jessy Raphael, Mother Theresa, homosexuality, AIDS and abortion. The department says the play will either leave the audience rolling in the aisles or pushing the censor button.

Tickets are priced the same for both events. They are \$10 general admission, \$8 for senior citizens and \$3 for students. For information, call 370-3013.▼

Events

JANUARY

Until January 31 — Play, *Master Harold* ... *And the Boys*, Meadow Brook Theatre. Times vary. Admission. 370-3033.

8 — Men's and women's swimming and diving with University of Western Ontario, 7 p.m., Lepley Sports Center. Admission. 370-3190.

8-9 — Eisenhower Dance Ensemble with Pick of the Crop Dance and Music Ensemble of Buffalo, N.Y., 8 p.m., Varner Studio Theatre. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

12 — Personal appointments with TIAA/CREF retirement counselor. Call Staff Benefits Office, 370-3483, for an appointment.

13 — Videoconference for managers of a multicultural workforce, 12:30-3 p.m., Varner Recital Hall. Admission. Sponsored by Division of Continuing Education and School of Business Administration. 370-3120.

13 — Personal appointments with Fidelity Investments retirement counselor. Call Staff Benefits Office, 370-3483, for an appointment.

14 — Board of Trustees meeting, 1 p.m., Oakland Center Gold Rooms. 370-3110.

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

14 — Women's and men's basketball with Northwood Institute, 5:30 and 7:30 p.m. games, Lepley Sports Center. Admission. 370-3190.

16 — Theatrical duet, *Laughing Wild*, with faculty members Karen Sheridan and Michael Gillespie, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

22 — Men's and women's swimming and diving with Kenyon College, 2 p.m. women, 4 p.m.

men, Lepley Sports Center. Admission. 370-3190.

23 — Women's and men's basketball with Wayne State University, 1 and 3 p.m. games, Lepley Sports Center. Admission. 370-3190.

23 — Pontiac-Oakland Symphony cabaret pops concert, 7 p.m., Roma's of Bloomfield. Admission. 370-3013.

25 — Men's basketball with Mercyhurst College, 7:30 p.m., Lepley Sports Center. Admission. 370-3190.

27 — Women's basketball with Mercyhurst College, 7 p.m., Lepley Sports Center. Admission. 370-3190.

29 — Men's swimming and diving with Cal-State Bakersfield (telephone meet), 5 p.m., Lepley Sports Center. Admission. 370-3190.

30 — Trio Aventura, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

FEBRUARY

2 — Personal appointments with Fidelity Investments retirement counselor. Call Staff Benefits Office, 370-3483, for an appointment.

3 — Personal appointments with TIAA/CREF retirement counselor. Call Staff Benefits Office, 370-3483, for an appointment.

4 — Women's and men's basketball with Ferris State University, 5:30 and 7:30 p.m. games, Lepley Sports Center. Admission. 370-3190.

6 — Evening with the Arts benefit gala featuring faculty members, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

11-March 7 — Play, *Plaza Suite*, Meadow Brook Theatre. Times vary. Admission. 370-3033.

11 — Women's and men's basketball with North-

ern Michigan University, 5:30 and 7:30 p.m. games, Lepley Sports Center. Admission. 370-3190.

12-21 — Musical revue, *Broadway, Baby!* various times on weekends, Varner Studio Theatre. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

13 — Women's and men's basketball with Michigan Technological University, 1 and 3 p.m. games, Lepley Sports Center. Admission. 370-3190.

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

20 — Women's and men's basketball with Saginaw Valley State University, 1 and 3 p.m. games, Lepley Sports Center. Admission. 370-3190.

21 — Pontiac-Oakland Symphony young artists concert, 3 p.m., Varner Recital Hall. Admission. 370-3013.

25 — Women's and men's basketball with Grand Valley State University, 5:30 and 7:30 p.m. games, Lepley Sports Center. Admission. 370-3190.

MARCH

2 — Personal appointments with TIAA/CREF retirement counselor. Call Staff Benefits Office, 370-3483, for an appointment.

3 — Personal appointments with Fidelity Investments retirement counselor. Call Staff Benefits Office, 370-3483, for an appointment.

3-4 and 6 — American College Dance Festival Association Great Lakes Regional Festival. Various times and performers. Varner Recital Hall. Admission. 370-3013.

11-14 — Play, *Diviners*, various times, Varner Lab

Theatre. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

13 — Impact jazz sextet, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

18-April 11 — Play, *Dr. Jekyll and Mr. Hyde*, Meadow Brook Theatre. Times vary. Admission. 370-3033.

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

18 — Women's tennis with Northwood Institute, 1 p.m., Lepley Sports Center. Free. 370-3190.

19-20 — Meadow Brook Estate annual spring concert, various times, Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

25 — Vocal Jazz Ensemble and African Drumming Ensemble, *The Fabric of Jazz*, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

26 — OU Concert Band, *Apotheosis*, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

27 — Men's baseball doubleheader with Saginaw Valley State University, 1 p.m., Lepley Sports Center. Free. 370-3190.

27 — Pontiac-Oakland Symphony traveling music concert, 8 p.m., location to be announced. Admission. 370-3013.

28 — Men's baseball doubleheader with Saginaw Valley State University, noon, Lepley Sports Center. Free. 370-3190.

APRIL

1 — Men's baseball with Michigan Christian College, 3 p.m., Lepley Sports Center. Free. 370-3190.

1-4 — *That's Absurd*, a program of three one-act plays: *The Lesson*, *Action* and *Guernica*, various times, Varner Studio Theatre. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

2 — Oakland Chorale, University Chorus and Women's Chorus concert, *Creation: A Celebration of Spring*, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

3 — Men's baseball doubleheader with Hillsdale College, 1 p.m., Lepley Sports Center. Free. 370-3190.

3 — OU Community Chorus, *A Night at the Opera*, 8 p.m., Varner Recital Hall. Admission. Sponsored by Department of Music, Theatre and Dance. 370-3013.

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