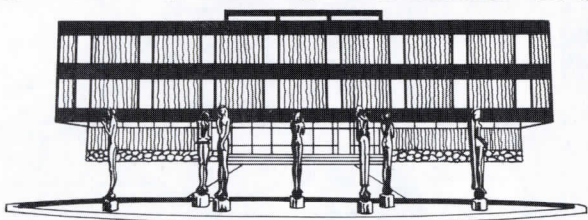


OAKLAND UNIVERSITY NEWS



March 1, 1985

A publication for faculty, staff and friends

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Foundation Provides Grants For Projects

The OU Foundation has continued its long tradition of support for the university and its programs by providing grants. The funds will support such varied projects as improving computer literacy and increased scholarships.

The gifts were announced February 13 at a meeting of the executive trustees of the foundation. Marvin L. Katke, retired Ford Motor Co. vice president and charter member of the OU Board of Trustees (1970-82), is foundation president.

University officials praised the foundation for the 1985 grants that "go to the heart of important institutional programs."

The grants are:

- \$100,000 for new equipment for fac-

ulty training laboratories with micro-computers. Predominantly non-science faculty will use these personal computers to educate themselves and prepare their classroom work.

- Funds for 1984-85 capital campaign support. The funds will provide "venture capital" for the university as it prepares for a fund campaign to be announced later this year.

- \$20,000 to double the amount of President's Club scholars. The President's Club of the OU Foundation has contributed \$20,000 a year in scholarships for eight exceptionally promising students. The total has now been raised to \$40,000 a year for 16 scholars.

- \$3,000 to fund two continuing awards to honor faculty for excellence in teaching and research and to add a third award for excellence in public service.

- \$20,000 for an emergency power generator for Sunset Terrace to end a series of power outages which have plagued the university's presidents and their families.

Each year President Joseph E. Champagne, acting on his needs and the recommendations of his cabinet, makes recommendations to the executive trustees of the OU Foundation. The trustees act on the requests and allocate undesignated funds contributed through fund-raising arms of the foundation.

The OU Foundation has its origins in the

Oakland-Macomb Advisory Committee first formed in 1957 to guide the growth and development of Oakland University (known then as MSU-O). The foundation has continued to provide advice and support for the institution and has now established the President's Club, the University Associates, and the Century Club for fund-raising purposes.

University officials say that foundation grants over the years have provided support for varied purposes ranging from the arts, the library, faculty research, and student scholarships. The OU Foundation is also providing funding expenses for the university's forthcoming capital campaign.



Students protesting a proposal to create some all-female dormitory areas showed their displeasure by staging a "sleep-in" and providing vocal opposition to the idea. A survey of students living in the residence halls indicated little support for all-female corridors or an all-female building. For the time being, the proposal has been dropped from further consideration.

Enrollment Data Traced

The university continues to make inroads enrolling students from Macomb County, but representation from traditional stronghold Oakland County is declining slightly. That is among the findings of David Beardslee, director of the Office of Institutional Research, in his report on geographical representation of OU students.

Beardslee notes, "The principal change in recent years is that at the undergraduate level, Macomb County enrollment has grown steadily while that from Oakland County has dropped a little. Specifically, from fall 1980 to fall 1984, the number of undergraduates from Macomb County increased by 700 while the number from Oakland County dropped by 200.

"Students from outside the tri-county region increased by 150 with 40 percent of this increase coming from the three counties just to the north of the tri-county region. St. Clair, Lapeer and Genesee counties, containing the cities of Port Huron, Lapeer and Flint, constitute a growing fringe to the metropolitan region. The number of students from outside Michigan has changed little since 1981."

Undergraduate enrollment by area, with the first figure the fall 1980 total and the second the fall 1984 total, was: Oakland County, 5,245/5,046; Macomb County, 2,602/3,315; Wayne County, 752/724; St. Clair, Lapeer and Genesee counties, 364/427; and all other counties, states and countries, 535,618.

Total undergraduate enrollment was 9,498 in fall 1980 and 10,130 in fall 1984.

At the undergraduate level, 82.5 percent of OU's students come from Oakland and Macomb counties and 90 percent come from Wayne, Oakland and Macomb. The graduate-level percentages are lower. Seventy-six percent come from Oakland and Macomb and 85 percent come from

the tri-county area. Combined, 82 percent of all students are from Oakland and Macomb and 89 percent come from the tri-county area.

Graduate enrollment by area, with the first figure the fall 1980 total and the second the fall 1984 total, was: Oakland County, 1,367/1,007; Macomb County, 534/397; Wayne County, 222/162; St. Clair, Lapeer and Genesee counties, 275/180; and all other counties, states and countries, 110/95. Total graduate enrollment was 2,508 in fall 1980 and 1,841 in fall 1984.

Graduate enrollment involves a larger proportion from outside the immediate tri-county area than undergraduate, Beardslee says. In recent years, about 12-14 percent of OU's graduate students have come from Michigan counties other than Wayne, Oakland and Macomb and students from outstate account for 9-10 percent of the undergraduates.

"We would hypothesize that the geographical range of most institutions increases with degree level. In absolute numbers, of course, there are so many more total undergraduates that outstate undergraduates outnumber outstate graduate students three to one. Much of the year-to-year change results from the arranging of courses at specific sites, with specific school districts or employers, and so on," Beardslee says.

The decrease in enrollment of Oakland County students has been especially true for men, Beardslee says, but the growth in Macomb County has been strong for both sexes. As of fall 1984, 60 percent of all undergraduates were female, up from 59 percent in fall 1980. At the graduate level, 61 percent were female in fall 1984, down from 75 percent in fall 1980.

Symposium Focuses On Whistler Art

A symposium with internationally known authorities on the life of James Abbott McNeill Whistler will precede the opening of an exhibition of the artist's etchings and lithographs at OU.

The symposium from 1-6:30 p.m. Saturday, March 16 in Meadow Brook Hall will be followed by the public exhibition from March 17-April 27 in Meadow Brook Art Gallery. The events are sponsored by the Center for the Arts with support from the Office of the President, Alumni Association, and Meadow Brook Art Gallery. Carl F. Barnes, Jr., director of the Center for the Arts, will moderate the symposium and serve as gallery guest curator.

Symposium speakers will be Robert H. Getscher, professor of art history at John Carroll University in Cleveland and author of **The Stamp of Whistler**; Nesta R. Spink, an art dealer and former curator of collections at the University of Michigan, and author of several works on Whistler lithographs; Stanley Weintraub, research professor at Pennsylvania State University and author of **Whistler, A Biography**; and Arnold Klein of the Arnold Klein Gallery in Royal Oak, one of the country's foremost collectors of items related to Whistler's personal and artistic life.

Getscher will speak on **Plane and Fancy: Whistler's Use of Space**, Spink's topic will be **Whistler the Lithographer**, Weintraub will lecture on **Telling a Life: Researching Whistler**, and Klein will comment on **Whistler and the Literary Life: His Interest**

in Printing, Publishing, and Publicity.

The symposium will include a preview of the gallery exhibit, remarks by Barnes and Brian P. Copenhaver, dean of the College of Arts and Sciences; and lectures by the visiting Whistler scholars. The seminar will conclude with cocktails and an opportunity for participants to meet the speakers.

About 100 of Whistler's etchings, lithographs and drypoints will be exhibited to trace his artistic development. Many of the works will be exhibited publicly for the first time.

On March 17, the exhibition formally opens with a free lecture series from 1-2:30 p.m. in the Oakland Center Gold Room. Weintraub will speak about Whistler's social circle and Klein will quote from **The Ten O'Clock**, a lecture Whistler delivered in 1885 that asserted artists were subject to their own guidelines of taste and expression. From the Oakland Center, participants will go to the gallery for the exhibit and reception.

A special feature of the symposium and exhibition will be a catalog compiled by OU art history students who studied Whistler under Barnes.

For registration details for the symposium, call 370-3018. Seating is limited to 100 persons. The \$35 registration fee includes the catalog and refreshments. College undergraduate and graduate students who show proof of current enrollment may register for \$25.



Black Lion Wharf, from "The Thames Set" by Whistler. This 1859 etching is from the collection of Dr. and Mrs. Edward M. Stempel.

- Economics and management faculty member Soo-Young Moon wrote **An Exploratory Analysis of the Correlation of Labor Productivity in Retailing** for the fall 1984 issue of **Journal of Retailing**. The co-author was Robert F. Lusch.
- Alice Gorlin, economics and management, was selected by the editors of **The World Book Encyclopedia** to be a reviewer for the **World Book** article on Russia.
- Alan Reinstein, economics and management, has been appointed to the Members in Industry, Government and Education Committee of the Michigan Association of CPAs.
- Two faculty members presented papers at the 10th annual Conference on Literature and Film at Florida State University. Robert Eberwein, English, read **Suture and Dream** and Dolores Burdick, modern languages and literatures, presented **Kane's Rosebud, George Bailey's Rose Petals: The Quest for Reality in Two American Dreams**. The conference theme was **The Kingdom of Dreams**.

Listen, Don't Call

Students and staff are reminded that if the university is closed for the day, they should listen to area radio and television stations for the official announcement.

In one case, WJR radio has informed the university that students are calling the station to ask if OU is open or closed when weather conditions appear threatening. The problem, according to WJR, is that metropolitan school officials have been unable to notify the station promptly because the phone lines have been busy.

Funding Opportunities

- The Office of Research and Academic Development has information about the following sources of external funds. For details, call 370-3222 or visit 370 SFH. Unless noted, the proposal due dates are unknown.
- National Institute on Aging**
Exercise research program, March 1, June 1, July 1, October 1, and November 1.
 - National Institutes of Health**
Biomedical research fellowships and senior international fellowship, June 1.
 - Department of Health and Human Services**
Family planning services improvement research, March 22.
 - Department of Transportation**
Statistical reports of aircraft delays.
 - U.S. Army Corps of Engineers**
Develop safety course.
 - NASA**
System engineering training.
 - Federal Highway Administration**
Impact analysis, March 26.
 - NIE Contracts and Grants Management**
Operate ERIC Clearinghouse on Language and Linguistics, March 15.

In The News

Here's a roundup of recent staff and faculty appearances in the media.

SerVonia Jones, nursing, was interviewed by the **Inkster Ledger Star** about the Citizens Health Education Advisory Committee at Oakwood Hospital, on which she serves.

Fred Stransky, health sciences, was interviewed by **Marketplace** magazine for a feature on fitness. He was also interviewed by the **Detroit Free Press** on the same topic.

Anne Federlein, SHES, was quoted in the **Free Press** on a fitness program for youngsters.

Abe Liboff, physics, will give one of the featured presentations at the March 25-29 meeting of the American Institute of Physics.

The **Oakland University News** is published every other Friday by the University Relations News Service, 109 North Foundation Hall, Oakland University, Rochester, MI 48063. The telephone is 370-3180. Copy deadline is 5 p.m. Friday of the week preceding the publication date.

- James Llewellyn, senior editor and news director.
- Jay Jackson, staff writer.
- Ann Straky, photographer.

Our People

- Cleveland Hurst III, student services, was the guest speaker at the Veteran's Administration Black History Month opening ceremony in Allen Park. The theme was **The Afro-American Family: Historical Strengths for the New Century**.
- Norman Kloosterman, nursing, and chair of the Task Force on Ethics in Critical Care Research, met with a group of critical care researchers from around the country to review a position statement identifying ethical issues related to critical care research. The meeting was held in New York City. He also met with the task force for final revisions in the position statement before it was presented to the American Association of Critical Care Nurses Board of Directors. Publication of the statement is expected early this year.
- Diane R. Wilson, nursing, presented **Health-Related Perceptions of Parents of Elementary School Children: A Study of Health as an Indicator of Perceived Well-Being** at the seventh annual Nursing Research Symposium at Wayne State University. The symposium was sponsored by Michigan Sigma Theta Tau Research Composium, comprised of chapters from WSU, Michigan State University and the University of Michigan.
- SerVonia Jones, nursing, has been appointed to the Citizens Health Education Advisory Committee of Oakwood Hospital. The committee assists the selection and implementation of health promotion programs. Current projects include a health care insurance program and a stress management session in the Inkster area.
- Penny Cass, nursing, has been invited to present her research on Michigan Nurses' Perception of Collective Bargaining Activities to a multi-disciplinary audience of the third annual National Symposium on Nursing and Health Service Administration Research. It will be at UCLA in April.
- Roberta Schwartz, journalism, discussed Ernest Hemingway and his connection with Michigan on the **Interview** program of WWJ radio. She also invited Dave Gilbert, reporter/anchor for WXYZ-TV in Detroit, to speak to her journalism students about television news. He was introduced by James Llewellyn, News Service.

New Faces

- The following persons have been added to the staff, the Employee Relations Department has announced.
- Patricia Driskill of Pontiac, a food service apprentice in Vandenberg Food Service.
 - Debra Panker of Drayton Plains, a secretary I in the Office of Placement and Career Services.
 - Rosemary Robinson of Royal Oak, an advising coordinator in the College of Arts and Sciences.
 - Robert White of Wixom, a public safety officer in the Department of Public Safety.

Job Listings

For information about the following job openings, call the Employee Relations Department at 370-3480 or visit 140 NFH.

- Clerk I, CT-3, Office of Admissions and Scholarships.
- Mail clerk I, AFSCME, University Services.



Over 600 persons attended the February 15 men's and women's basketball games and recognized Hall of Honor inductees Tim Kramer, Kenneth Whiteside and Helen L. Shereda-Smith. A fourth inductee, Richard Linington, was formally inducted with the others at a Meadow Brook Hall dinner afterward. President Joseph E. Champagne spoke at the dinner, praising the individuals for both academic and athletic excellence.

Warning Out To Pirates

Pirates do not exist only in the lore of the sea and sailing. A few are at work at OU, although their bounty is high-tech software used in computers.

The Office of Finance and Administration asks that employees and students with access to computer terminals and software consider the following message from ADAPSO, an association representing more than 750 corporate members who provide computer services and software:

"People who would never walk into a store and shoplift a software product think nothing of making several copies of the same software. The results are the same. The act is just as wrong.

"When it comes to unauthorized duplication of software, many people do not realize the costly impact on the software developer and the customer community. The relationship between customer and developer in a software transaction is one of mutual trust. The customer trusts that the developer has produced a product that will deliver the desired result, performs according to specifications, and is properly documented and supported. The developer trusts that the customer will make use of only those copies for which he has purchased a license, even though making additional, unauthorized copies is relatively easy. Unauthorized duplication and use of software violates the U.S. Copyright Law, and unfairly deprives software developers of revenue they are entitled to receive for their work.

"Software developers find that thousands of illegal copies have been made by customers who either innocently believe they are doing nothing wrong or simply choose to ignore the law.

"Reproducing computer software without authorization violates the U.S. Copyright Law. It is a federal offense. The money paid for a software product represents a license fee for the use of one copy. It does not represent an authorization to copy. Civil damages for unauthorized software copying can be as much as \$50,000 or more and criminal penalties include fines and imprisonment.

Bills have been introduced in Congress to strengthen the law and increase penalties.

"Let's start by dispelling some myths with a few facts.

"First, software developers **do not** condone unauthorized copying in order to gain market penetration.

"Second, the price of software **does not** make unauthorized copying justifiable. The cost of a software product to a consumer represents only a small fraction of the publisher's development and marketing costs.

"Third, although the cost of **softlifting** is borne initially by the software developer, it is paid for ultimately by legitimate users."

Summer Hours Begin June 3

The summer hours work schedule will return for many employees on June 3 and continue through August 23, Willard C. Kendall, director of the Employee Relations Department, has announced.

The summer schedule specifies a Friday work schedule of 7:30-11:30 a.m. The four-hour reduction in work time on Fridays will be offset by increasing work hours Mondays-Thursdays by one hour each day. The resulting schedule will be 7:30 a.m.-5 p.m. with a one-half hour lunch period.

Lunch periods will normally be taken between noon and 1 p.m. During the week which includes Thursday, July 4, the holiday will be treated as eight hours. The Friday, July 5 workday will be extended by one hour, until 12:30 p.m.

The summer hours schedule cannot be implemented for employees who are members of the AFSCME, POAM or FOP unions due to the nature of the duties performed and services provided.

The supervisors of other offices or units where summer hours are not feasible will review their coverage needs and arrangements with their respective vice presidents.

OU, Ford Cooperate

A team of OU professors and Ford Motor Co. have signed a \$140,000 consulting agreement for help on the mathematical techniques of computer-aided design.

"In essence, we will do the basic research on interpolation of data and best modeling methods and the Graphics Design Section of Ford Motor Co. will do the implementation," explains Jack Nachman, mathematical sciences. Nachman is principal investigator for the project.

The contract, received in competitive bidding with other universities, calls for OU to analyze publications on curve smoothing and surface interpolation methods, establish the best possible models for handling data, and make those models useful to the people at Ford.

"This is an excellent example of how a university and an industry can help one another," says Keith R. Kleckner, senior vice president for university affairs and provost. "The university has people trained to do the basic research and industry is equipped to carry that forward into product development."

Nachman says the university team received an initial contract in 1984, has another in excess of \$140,000 for 1985,

and anticipates the association between the university and Ford as being a long one.

The professor says the project could result in employment for graduate students and possible sabbatical placements for OU faculty at Ford.

The consulting arrangement was the idea of Ed Moylan, a member of the Board of Industrial Advisers for the Department of Mathematical Sciences and former head of the Ford Computer Graphics Design Section.

Working with Nachman are OU faculty members J. Curtis Chipman, Jerrold Grossman, Darrell Schmidt, Barry Turett, and Baruch Cahlon. The faculty members specialize in the mathematical aspects of surface design problems.

Correction

Incorrect dates were supplied to the **Oakland University News** for the February 15 announcement of the tax seminars being held in the Oakland Center. The correct dates are March 6 and April 4. The seminars are being sponsored by the OU Branch of the Michigan State University Federal Credit Union.

If You Can't Stand The Heat...

Firefighters risk injury from more than just the fire when they enter a burning building. The heat of their own bodies, trapped by the heavy protective clothing that they wear, threatens their safety.

Uwe Reischl, director of the Program in Industrial Health and Safety, works to lessen the danger of metabolic heat buildup by studying firefighters' equipment. Since the late 1970s, Reischl has meticulously searched for improvements in firefighters' clothing.

"We're looking at different types of clothing, working under rigorously controlled situations, to see how we can dissipate heat," he explains. By providing better clothing ventilation, Reischl says, incidences of injuries due to metabolic heat discomfort could be reduced.

The associate professor came to OU in 1979 after teaching four years at the University of California-Irvine. During his work there, he became interested in firefighters' safety and carried out projects for the California Department of Forestry and the Riverside County Fire Department, both of which still provide some research funding for his work at OU.

Reischl devotes much of his research to studying "turnout gear," or the helmet, gloves, boots, coat and pants worn by firefighters. His goal is not to perfect a single set of clothing ideal for all situations, but to recommend different types of gear suitable for various tasks.

"The focus is on firefighters' occupational health and safety," he says. As a group, firefighters have the most dangerous occu-

pation of all with a high injury and death rate.

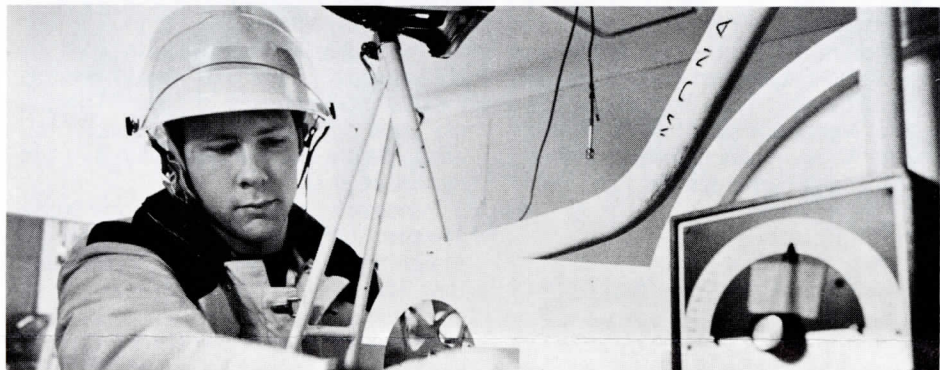
Fire departments, turnout gear manufacturers, firefighters' unions and others provide Reischl with research funds. His program's uniqueness is in its approach.

Physically fit males and females are tested under carefully controlled environmental conditions in a climatic chamber. The temperature inside is kept at 72 degrees F and the relative humidity is constant at 30 percent. The chamber allows for accurate comparisons of test results among the subjects.

Each test subject is fitted with electronic probes to monitor such functions as heart rate, skin temperature, and the air temperature between the subject's body and the turnout gear. Each subject undergoes one test a day and up to six total. Each test is timed and consists of the test subject pedaling two bicycle ergometers with his or her arms and legs. Ergometers are used instead of treadmills because of the benefit of arm motion, which also flexes the clothing much the way a firefighter would while moving about.

"This protocol is followed very strictly, to the second," Reischl says. "Every five minutes we increase the resistance. The entire sequence takes 20 minutes."

The premise is that as clothing ventilation improves, the subject's stress level decreases. This is important because fatigue diminishes a firefighter's effectiveness. For a fire department, more firefighters are required because each tires easily.



Student Christopher Finneran uses the bicycle ergometers while wearing standard turnout gear.

(You Can't Fight The Fire)

Reischl determines clothing ventilation effectiveness by measuring perspiration loss, as measured by reduction in body weight. Each test subject is weighed before and after the protocol on a scientific scale that is accurate to within two grams. A loss of 20-30 grams in body weight over 20 minutes is possible, Reischl says.

"We expect to lose most weight per protocol by sweat evaporation, the amount depending on the ventilation provided by the protective clothing," he adds.

Protecting the body from its own heat and the heat of the fire are "two problems that are not compatible," Reischl says. "What we're looking for is a compromise solution." Ideally, a firefighter would wear clothing appropriate to the assigned task. The driver and those who move the hoses and operate the pumps would need less protection, he says. "By the time they get to the fire they can be exhausted," he adds.

Typical turnout gear is heavy. The outer shell protects against flames and heat radiation, the middle vapor barrier guards against steam and chemical burns, and the inner thermal barrier blocks heat conduction.

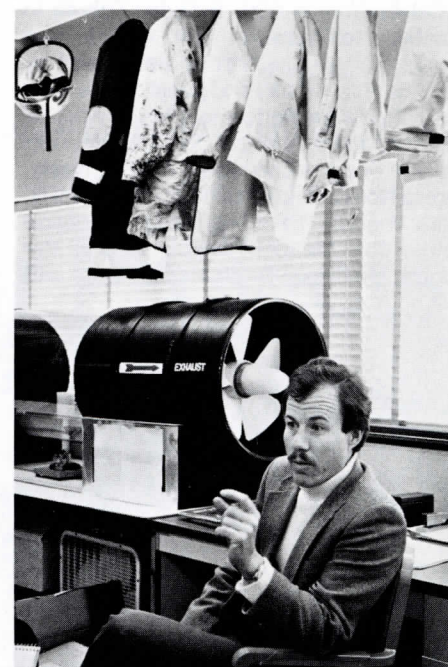
Compounding the problem of heavy clothing is the helmet. Once a body is nearly encased in turnout gear, the head becomes the primary point for heat loss. By wearing an ill-fitting helmet, essential cooling is lost.

Reischl tests helmets, too, by placing them in a wind tunnel on a dummy head fitted with a light bulb for heat. Sensors measure coolings. The best helmet designs for that purpose have slots.

However, National Fire Protection Association standards do not permit holes in helmets or vents in turnout gear, as Reischl recommends. Unless the standards are changed, which Reischl says is a time-consuming process, firefighters may not benefit fully from his research for years.

"Some of our design recommendations are in direct conflict with NFPA standards," he says.

Fire departments and turnout gear man-



Uwe Reischl with the wind tunnel behind him and turnout gear overhead.

ufacturers are both reluctant to try Reischl's recommendations, but not out of skepticism. "Legal issues keep fire departments from being more innovative," he says.

Although voluntary, the NFPA standards are considered the minimum protection a firefighter should have. An injured firefighter could challenge the manufacturer in court, Reischl says.

Reischl advocates "gills" and wider neck openings in coats for ventilation, shorter coats and higher pants for better air circulation and mobility, and better helmet ventilation and suspension systems.

Reischl notes that the three objectives of firefighters are saving lives, containing the fire and protecting nearby property, and putting out the fire. Unfortunately, he adds, turnout gear does not always adequately protect the lives of the firefighters themselves to allow them to carry out those objectives.

Five Receive BAM Awards For Service

Five persons who have helped with the growth and development of blacks at OU have been cited by the Black Awareness Month Committee.

Each received a Focus and Impact Award at ceremonies on February 1 in the Oakland Center. The recipients were chosen from among three categories: faculty and staff, community supporters, and students and alumni. This year's award winners were selected because of their ties to the university over many years.

The winners were U.S. District Court Judge Julian A. Cook, Jr., Pontiac Northern High School teacher Sharon A. Finley, OU Associate Professor of Rhetoric Wilma Garcia, community activist Marie H. Johnson, and retired Detroit school administrator Robert F. Shannon.

Cook was an attorney in Pontiac in 1966 when he became involved in efforts to increase the number of black students at OU. He was involved in the first Project Twenty Class, the forerunner of the current academic support program. He is a Washington, D.C. native and actively involved in projects to seek justice for the disadvantaged.

Finley earned both her bachelor's and master's degrees from OU and is pursuing a doctorate at Michigan State University.

Tickets Available For DIA Exhibit

Tickets to see the Detroit Institute of Arts exhibit, **The Precious Legacy: Judaic Treasures from the Czechoslovak State Collection**, are available from the Jewish Students Organization.

The JSO tour will be at 2 p.m. Sunday, March 17. Tickets are \$3.75 for adults and \$2.25 for students. Reserved audio tours are an additional \$1.25. Tickets must be paid for and picked up in advance from the JSO Office, 34 Oakland Center.

For details, call 370-4257.

She is a past president and member of the OU Alumni Association Board of Directors and helped establish the Black Alumni Association. During her years at OU, Finley worked in the Office of Student Services, the College of Arts and Sciences, special programs and urban affairs.

Garcia has been actively involved in efforts to retain students admitted to the academic support program and help those who may not have had adequate preparation for college. She has worked with Project Upward Bound students, the Renaissance Scholars, and academic support program students. She was a member of the 1982 Black Awareness Month Com-

mittee and has been a BAM supporter for several years.

Johnson earned a reputation as an activist in Pontiac during the 1960s and '70s by promoting black enrollment at OU. She was often critical of the university but also served as an adviser to administrators on matters dealing with the black community. Johnson serves as national chair of Parent Involvement, chair of the Title I/Chapter I program in the Pontiac schools, and a member of the Choice of Change Board, which deals with teenage pregnancy. She also works with Central State University in Ohio on minority recruitment.



Robert L. Douglas directs Joycelyn Goins in the Black Awareness Month production of "Adjustments." The play was the third original script by Douglas for BAM activities at OU. The play was written "to enhance the academic, cultural and motivational socialization of black students at OU," Douglas says. Original music was composed by Christopher Knight, an OU graduate. Douglas plans to publish "Adjustments" and the two previous plays he wrote.

History Department Offers Scholarships

The Department of History is accepting applications for its annual scholarship to history students. The scholarship will be announced in April.

The scholarship provides one half of tuition costs for the 1985-86 academic year. Applicants must intend to major in history (or already be a major), have completed 48-100 credits, including current semester's enrollment, both transfer and OU, and agree to enroll for a minimum of 16 credits in history courses during the two semesters of the scholarship.

The application includes a personal statement and must include an official copy of transcripts. The student must arrange to have two letters of recommendation from faculty members (history department or otherwise) sent directly to the department. Applications must be submitted by March 15.

In awarding the scholarship, evidence of high academic achievement and commitment to the study of history will be considered. Evidence of financial need may also be taken into account.

High Note: Concerts Honor Hollingsworth

Three special concerts in honor of Stanley Hollingsworth, composer-in-residence in the Department of Music, are planned for March 10-11 and 15 at Varner Recital Hall.

Celebration! A 60th Birthday Tribute to Stanley Hollingsworth will include the music of Hollingsworth as performed by OU students, faculty and guest artists from the Detroit area. Performers will be Andrew Adelson, Joyce Adelson, Jan Albright, Dan Barron, Douglas Cornelsen, April McNeely, Teresa Norris, Paul Osterhaut, Flavio Varani, Mark Vondrak, Pam Highbaugh, Fontaine Laing, the Meadow Brook Estate, the Pontiac-Oakland Symphony Orchestra and

the University Chorus. David Daniels and John Dovoras will conduct.

The series of concerts will begin with a 3 p.m. program Sunday, March 10 featuring early and recent chamber works, including works commissioned by the Detroit Symphony Orchestra. They are **Sonata** for oboe and piano, **Three Impromptus** for flute and piano, **Three Songs to Poems by Emily Dickinson** for soprano voice and piano, **Reflections and Diversions** for clarinet and piano, **Ricordanza** (in memory of Samuel Barber) for oboe, violin, viola and cello, and **Concerto for Piano and Orchestra** arranged for two pianos by the com-

poser. Each will be introduced by Hollingsworth. Tickets are \$4 general admission and \$3 for OU students and senior citizens.

The second concert will be at 8 p.m. Monday, March 11 and is free. The program will be chamber music composed by Hollingsworth's former students. Selections will be **Rondo** by Mark Gottlieb for cello and piano, **Prelude and Fugue** by Anthony Becker for saxophone quartet, **Movement** by Sven Andersen for piano and electronic tape, **Extensions** by Robert James for three guitars, and **Screens** by Thomas Stoneman for guitar and flute.

The final concert will be at 8 p.m. Friday, March 15. The concert will include choral and orchestral music with guest artists from the Detroit area. Selections will be **Three Ladies by the Sea** with narration by Hollingsworth, excerpts from the operas **The Mother**, **The Selfish Giant** and **Harri-**

son Loved His Umbrella, Agnus Dei from the **Dumbarton Oaks Mass, Stabat Mater**, and **Death Be Not Proud**. Tickets are \$4 general admission and \$3 for OU students and senior citizens.

Among Hollingsworth's other principal works are **La Grande Breteche**, a one-act opera commissioned by NBC; the ballets, **The Flight**, **The Unquiet Graves** and **Encounter**; **Gloria in Excelsis**, written for the bell tower dedication of the Washington Cathedral; **Divertimento** for orchestra; and **Concerto for Piano and Orchestra**.

The three concerts are presented by the Center for the Arts with financial support from the Michigan Council for the Arts.

For details, call the Center for the Arts box office at 370-3013.



Mike Connell and Stacy Bohlen appear in "The Matchmaker."

'Matchmaker' To Open

A combination of professional and student actors will appear in the Center for the Arts production of **The Matchmaker** from March 8-24.

This is the first time that professional actors have appeared in a student production at OU. Thornton Wilder's **Matchmaker** is a hilarious tale of a rich and aging merchant of Yonkers who employs a matchmaker to help him take a wife, but romance finds him in a surprising turnabout. Musical theatre lovers will recognize the plot as that on which the popular **Hello, Dolly** is based.

Professionals Peggy Thorp and Bill Drummonds have been cast in the lead roles of Dolly Levi and Horace Vandergelder. Thorp's credits include appearances at Meadow Brook Theatre, The Attic Theatre, Actors Alliance Theatre, Hilberry Theatre and in numerous radio and televi-

sion commercials. Drummonds, a veteran of the Fourth Street Playhouse, the Music Hall, and the Macomb Theatre-at-the-Barn, plays the gentleman who requires the services of the matchmaker. Drummonds has also been a director and choreographer and appeared in television and radio commercials.

Thorp and Drummonds will appear with 14 students, directed by Yolanda Fleischer. The director is taking on her first play at the Center for the Arts but is well known throughout the Detroit area for her theatre skills. She has been called "gifted," "sensitive" and "able to cast with a sixth sense" by area theatre critics. Her theatre credits include productions at the Attic Theatre, the Fourth Street Playhouse, Actors Alliance Theatre and the now-defunct Actors Renaissance Theatre.

Performances will be in the Varner Studio Theatre at 8 p.m. Friday and Saturday, March 8-9, 15-16 and 22-23; 2 p.m. Sunday, March 10, 17 and 24; and 1 p.m. Wednesday, March 20.

General admission tickets are \$4.50 and students and seniors will be admitted for \$3.50. For tickets, call the Center for the Arts box office at 370-3013.

Splete Studies Education, Business

A task force investigating K-12 school and business partnerships deserves support, as its success may influence Michigan's continued economic recovery.

That is the view of Howard Splete, education, an expert on such partnerships. The state task force, chaired by William Vitatoe, president of Michigan Bell, is now doing a needs assessment throughout Michigan asking for ideas about business-education partnerships from intermediate school districts, chambers of commerce, and interested businesses. The committee's survey is a result of responses to proposals made

by the Governor's Educational Summit Task Force.

Splete chaired the committee that wrote the school-business platform for Governor James J. Blanchard's Educational Summit Task Force. His paper was included in the proposed 1985 goals for K-12 education, and he says the governor's realization that good education and potential economic growth are linked is "on the mark."

"Although business and educational institutions have worked together in the past, the need for improved and expanded partnerships is necessary at this time," Splete says.

Such partnerships are important and they can be achieved at little real cost, he adds. The professor has helped in two such cooperative ventures in Oakland County and in Flint. He says that a key ingredient is a good working relationship between the school district and the local chamber of commerce.

Two examples of school-business collaboration coordinated by Splete are the Flint Business Symposium and the Oakland

Schools' Classrooms in Industry Program. Splete reports that the Flint project involved a seminar in which business representatives generated information around three basic questions:

- What major trends do you see influencing your business setting and jobs in it?
- What types of training will be needed to meet new jobs?
- How may educational programs in schools provide the necessary training?

General recommendations were formulated for the public schools based on the seminar results. The Oakland Schools' program formed teams of educational leaders from county school districts and involved tours of local businesses and industries and informational seminars. The educational teams then reviewed existing curricula and formulated possible new courses to meet emerging career needs.

"Results from these local studies support many of the recommendations made in national reports," Splete says. "The data certainly suggest that educators and the business community need to collaborate more extensively if schools are to prepare students for the training and employment opportunities of an information-based technological society."

Rosemont To Speak

Professor Henry "Hank" Rosemont, who taught philosophy and Chinese area studies at OU from 1962-69, will visit the campus on March 11-12.

Rosemont will present a public lecture at 8 p.m. March 11 in the Oakland Center Gold Room on **The Maturing Chinese Revolution: Problems and Promise**. He taught philosophy at Fudan University in Shanghai from 1982-84 at the invitation of the People's Republic of China government. He traveled throughout the country, spoke with professors and officials, and relates with authority the important developments of China today.

While at OU, Rosemont was known as a charismatic professor and a brilliant young scholar, says Richard Burke, Department of Philosophy chair. Rosemont is chair of the philosophy department at St. Mary's College in Maryland.

Home For Sale

For information about the following home in the faculty subdivision, call 370-4196. The offer will remain open for two weeks.

The house includes four bedrooms, 2½ baths, a large living room, a dining room, a den, a family room with a fireplace, a laundry room, central heating and air conditioning with a humidifier, and a two-car garage.

Science, and World's Who's Who in Science.

The symposium is sponsored by the School of Nursing faculty, the School of Nursing Honor Society, and the School of Nursing alumni. It will be from 8:30 a.m.-5 p.m. Thursday, April 4 in the Oakland Center. Registration is \$5. Students with valid identification will be admitted for \$2.

Presentations on nursing research will be made by School of Nursing faculty members and nursing researchers from throughout the state.

Nursing Highlights Symposium

Concert Scheduled

The Slavic Folk Ensemble is providing a musical tour of picturesque lands including Slovakia, Croatia, and Macedonia in concerts March 16-17 in Varner Recital Hall.

The student group will also perform songs and dances of Bulgaria, Poland, Russia, and the Ukraine. There will be 3 and 8 p.m. performances on March 16 and a single show at 7 p.m. on March 17.

Ensemble members are dressed in the colorful costumes of the regions they portray musically, as part of its goal to broaden the understanding of the Slavic cultures for themselves and their audiences. Russian professor Helen Kovach-Tarakanov is the ensemble's founder and adviser.

Tickets are only \$2 for students and senior citizens and \$3 general admission. Tickets are available at the door or in advance by calling CIPO at 370-2020 or the Center for the Arts box office at 370-3013.

Aerobics Sessions Beginning March 11

Morning and afternoon aerobics classes are being offered at Lepley Sports Center. The six-week courses will meet in twice-weekly sessions.

Moderate aerobics will meet Mondays and Wednesdays at 5:15 p.m. starting March 11. First-time participants must attend a March 6 orientation session. The moderate class is for those just beginning an exercise program, those who are overweight in excess of 20 pounds, or those who prefer a more moderate workout.

Two advanced classes will be held on Tuesdays and Thursdays. The morning sessions will be at 6:45 and the afternoon sessions at 5:15 beginning March 12. First-time participants must attend March 7 orientation sessions. A third advanced class will be held on Mondays and Wednesdays at 8:30 p.m. starting March 11. The orientation session will be March 6.

For details on the program, call Sally Peters at 370-4020.

Direct Deposits Available To Some

Employees who receive a monthly paycheck may have it deposited directly into their checking or savings accounts through an electronic transfer of funds.

All area banks and the OU Branch of the Michigan State University Federal Credit Union participate in the program. The program eliminates the need to pick up a paycheck and then make a trip to the bank or credit union to deposit it. It also eliminates the possibility of the check being lost or stolen.

Enrollment forms are available at the Payroll Office, 114 NFH. The deadline for enrollment or making changes is the 15th of each month, except for November and December when special dates are announced.

Anyone with questions about the program may phone 370-3472 or 370-3473.