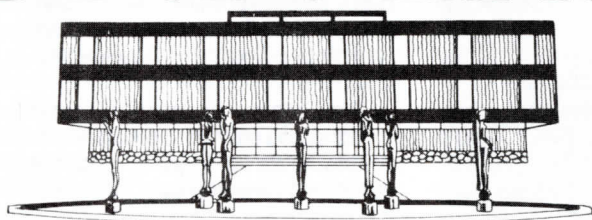


OAKLAND UNIVERSITY NEWS



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October 4, 1985

A publication for faculty, staff and friends

Three Days Added

Senate Extends Fall Semester

An extension of the fall semester has been approved by the University Senate. Keith R. Kleckner, senior vice president for university affairs and provost, said the schedule changes are effective immediately. They include:

October 24 — End of "first-half-of-semester" courses.

October 25 — Start of "second-half-of-semester" courses.

November 27 — Last day to drop "second-half-of-semester" courses.

December 12 — Class for fall semester end at 5:30 p.m. and exam period begins at 7 p.m.

December 18 — Final exam period ends at 6:30 p.m. This is the close of fall semester and the date of any degree awarded this term.

Each department has a complete copy of exam times. Since final examination schedules sometimes conflict with religious holidays, the Senate approved a resolution stating that, "When such conflicts are unavoidable because of other scheduled requirements, alternative arrangements may be made informally, or students may petition the provost in writing for permission to register or take their examinations at other times."

Final grades from instructors are due in the Office of the Registrar within 48 hours of the close of each examination period or at 8 a.m. the following workday if the 48-hour deadline falls at an inconvenient hour.

If the university should close due to inclement weather or other emergency, the missed examination period or day will be made up December 19, in the same room and at the same hour as originally scheduled for examination.

Knifing, Shooting Occur at Party

OU police are continuing an investigation into shooting and knifing incidents that occurred at the Oakland Center late Saturday, September 28. More than 300 persons attended a dance sponsored by Omega Psi Phi Fraternity where the stabbing occurred. The shooting occurred in a parking lot.

Police said that one youth was stabbed during a fight at the party and that Mark White, 20, of Mt. Clemens, one of two young men who attempted to break up this fight, was shot with a .38 caliber handgun as he and his companion left the party and were

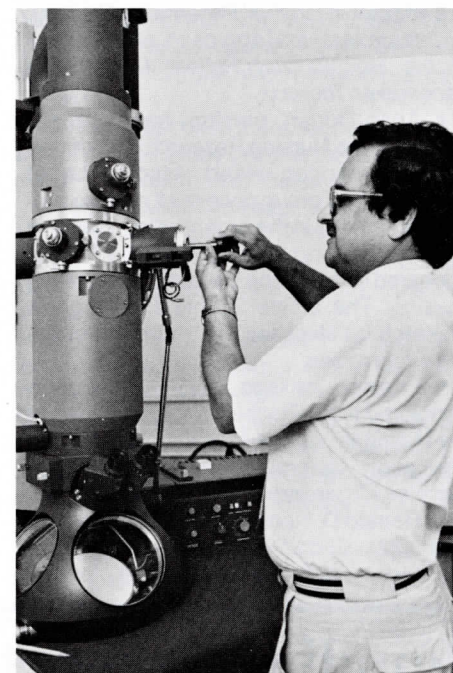
walking to a car in the parking lot.

Police officers said they were treating the stabbing victim when White returned to the Oakland Center for help. When they turned their attention to White, the youth who had been stabbed left the party.

White was in fair condition September 30 in Crittenton Hospital with wounds in the left thigh and right hand. Police had no information at that time about who actually did the shooting. Bruce Bazile, 20, of Mt. Clemens, was arraigned in 52nd District Court on September 30 on three counts of felonious

assault for allegedly striking a man with a beer bottle, slashing at a by-stander with a knife, and the stabbing. He stood mute and a preliminary exam was scheduled for October 7 in district court.

The identities of the stabbing victim and the youth struck with the bottle were unknown. All involved were believed to be nonstudents. Two OU police officers had been assigned to the dance and there was no drinking permitted on the premises.



A Close-up View at OU

Nalin J. Unakar, biological sciences, adjusts the department's prized transmission electron microscope. The new instrument enables scientists to see microstructures within the cell and to study alterations that may occur through disease or genetic manipulation. The microscope was purchased with a \$180,000 Shared Instrumentation Grant from the National Institutes of Health. The new microscope is far more advanced than the department's first one purchased in 1965.

Board Names Riding Ring for Benefactors

As renovation work neared completion on the former riding ring and stables, the Board of Trustees officially named the East Campus complex the Meadow Brook Center.

The board honored long-time benefactors Floyd Shotwell and Alice Gustafson by naming the former riding ring the Shotwell-Gustafson Pavilion. The 21,000 square-foot pavilion will be used as a multipurpose center.

Also a part of the Meadow Brook Center, the former stables will now be known as the Meadow Brook Health Enhancement Institute. The institute will house the health maintenance program now located in Lepley Sports Center. The health programs are directed by Fred Stransky.

Shotwell and Gustafson, and the company they own, Hubert Distributors of Pontiac, have pledged \$700,000 to the project. The contribution will be added to the university's insurance settlement from a 1983 fire that gutted adjacent barns.

The Shotwell-Gustafson Pavilion will operate as an annex to Meadow Brook Hall. It will be available for the health maintenance



Construction nears completion at the Meadow Brook Health Enhancement Institute.

exercise programs. The first event to be held in the pavilion was the Glyndebourne Picnic in September, sponsored by Kresge Library.

Construction is progressing at the Meadow Brook Center. On the institute side,

workers in recent weeks were finishing the interior oak trim and painting. The pavilion renovation includes lighting, painting and a new concrete floor.

Judd Receives Research Funds

Assistant Professor Robert Judd has received a \$50,000 grant from the U.S. Army Tank and Automotive Command in Warren to develop a new type of discrete time controller for combat and tactical vehicle functions.

Judd, of the School of Engineering and Computer Science, is principal investigator for the project. The award supplements an original \$50,000 grant from the tank command announced last fall.

Judd explains that a home thermostat is a simple example of a controller, but in the proposed applications, the controller may govern how a gun turret remains stationary or moves independently, even while the vehicle is bouncing over rugged terrain.

Judd's research involves a new theory that matches controller design with the latest in computer technology. His experiments have indicated that controllers can use smaller, more efficient computers for a product that is more reliable with a faster response time.

University Gains Much in Ford Contract

The benefits to OU from the statistical quality program with Ford Motor Co. will be far-reaching for both faculty members and students.

Aside from the financial gain of \$1.3 million over five years, the university will benefit in prestige, training programs for faculty and students, and a new statistical computing laboratory.

The importance of the program was noted by Harold A. Poling, president of Ford, who attended the September 17 press conference to announce the joint agreement. He and OU President Joseph E. Champagne spoke of the growth of the programs Ford and OU have engaged in over the past three

years. This latest program is believed to be the first of its kind in the United States.

Under the direction of Professor Harvey Arnold, mathematical sciences, the venture with Ford has developed to include teaching, consulting, grants, research conferences, and a possible on-site master's program for Ford employees.

Among the major developments of the five-year agreement are \$100,000 for the statistical computing laboratory (to be matched by OU) and \$125,000 for faculty development. The computing laboratory grant provides for a 40-student-capacity laboratory at OU to further develop statistical methods aimed at solving industrial prob-

lems. That includes computer-aided modeling and graphics and their corresponding instructional approaches to be conducted at Ford sites.

The grant funds will equip the OU lab with personal computers and the latest statistical modeling and measurement methods. These methods are used in the educational process to mesh statistical theory with industrial applications.

The lab will modify the teaching method of statistics from one of lectures and homework assignments to one which includes hands-on experience. Lab exercises will require students to use gauges, use data collection and recording methods, identify

variables to simulate production processes, and use computers with sophisticated statistical analysis software packages.

The faculty development grant will be used to recruit doctoral trained mathematical and theoretical statisticians for consulting and teaching services at both Ford and at OU and perform research in statistical methods and theory for industry. Arnold says competent statisticians are in short supply and the grant will strengthen the professional expertise of OU's current faculty and thus provide Ford with a greater resource of experts.

(Continued on page 2)

Our People

Items from anyone within the university community are welcome and are published on a space-available basis.

• Norman Kloosterman, nursing, presented a paper, *Ethical Issues in Critical Care Research* at the annual meeting of the National Teaching Institute for the American Association of Critical Care Nurses. He was elected editor of *Intensive Interest*, the official publication of the Michigan Chapter of AACCN.

Kloosterman co-authored *Statement on Ethics in Critical Care Research* for publication in the June and August issues of *Focus on Critical Care*. He also was the co-author of a chapter in *Dreifus' Pacemaker Therapy: An Interprofessional Approach*, entitled *Care of the Hospitalized Patient Undergoing Pacemaker Therapy*.

• Anna Dugan, nursing, has been appointed to the Nursing Research Committee of the American Heart Association of Michigan. The group reviews all nursing projects submitted to the organization. Dugan's paper, *Expanding Nursing's Practice Terrain*, appeared in the spring issue of *Public Health Nursing*. The article is linked to Dugan's research on lifestyles and entrepreneurial roles for nurses.

• Frances Jackson, nursing, has been appointed to the Resolutions Committee of the Michigan Nurses Association and to the Education Committee of the Michigan Hospice Organization.

• Ranauld D. Hansen, psychology, wrote a chapter, *Cognitive Economy and Commonsense Attribution Processing*, for the

book, *Attribution: Basic Issues and Applications*, published by Academic Press, Inc.

• Egbert W. Henry, biological sciences, presented a paper, *Tobacco Mosaic Virus — Infected Tissue*, at the annual meeting of the Electron Microscopy Society of America in Louisville. He presented a paper on *Ethylene Effects on Superoxide Dismutase in Bean Abscission* at the Plant Growth Regulator Society annual meeting in Boulder. Marcia E. Ananich, an undergraduate research student, was co-author.

Henry presented an invited paper, *Cellulase Activity in Tobacco Flower Pedicel Abscission*, at the 12th International Conference on Plant Growth Substances at the University of Heidelberg, West Germany. Co-authors were former undergraduate students Susan Diefenbacher and Lori A. Poel.

Ananich is continuing her work in Henry's laboratory on superoxide dismutase effects on aging in tobacco abscission cells. This enzyme is thought to be critical in senescing tissues.

• Philip Singer, sociology and anthropology, and School of Health Sciences, was featured in an August interview on Tribune-United Cable Television. He spoke about the dropping of the atomic bombs on Hiroshima and Nagasaki. Singer's experiences in Hiroshima were discussed on radio station WDET.

Authors Will Speak at Writer's Conference

Aspiring writers may learn a thing or two from professional authors and editors during the 24th annual Writer's Conference at OU. The event, sponsored by the Division of Continuing Education and the Detroit Women Writers, will be October 18-19.

Among the highlights of the conference will be an address by Carolyn Chute, author of the best-selling novel, *The Beans of Egypt, Maine*. She will speak at 1:15 p.m. October 19 in the Oakland Center. Chute, of Gorham, Maine, has held numerous jobs, including working on a potato farm, serving as a newspaper correspondent and columnist, and writing short stories.

The conference begins from 1-5 p.m. October 18 in the Oakland Center with 10 concurrent writing sessions. The topics will include general fiction, nonfiction, television script-writing, religion, juvenile nonfiction, juvenile fiction, poetry, short stories, and articles.

Noon Programs Listed by CIPO

A series of noontime programs is being offered this semester by CIPO in the Oakland Center Fireside Lounge.

The lineup includes the following programs:

October 14-15 — Listen to observations about the People's Republic of China.

October 16 — Participate in a breathalyzer test to find out how much alcohol you can handle.

October 17-18, 23-25 and 28-30 — Donate blood during the annual Red Cross blood drive.

October 21 — Hear a discussion of nuclear power.

October 31 — Watch a Halloween pumpkin-carving contest.

November 6 — A presidential debate will be held.

November 18-22 — Human sexuality week will be presented. The guest speaker during the week will be Dr. Ruth Westheimer of *Sexually Speaking* fame.

For information about any of the programs, call CIPO at 370-2020.

A dinner and reception will be held from 6-10:30 p.m. in Meadow Brook Hall. The fee is \$22 and the public is invited. Mary Esther and Charlotte Nolan of Kentucky will present *Interpreters Theatre — Another Way to Enjoy Literature*.

The October 19 program consists of 32 morning and afternoon sessions concerning writing, editing, getting published, and numerous other topics of interest to writers. Ira Blumenthal will give the keynote address at 9 a.m. in the Oakland Center on the topic, *Dare to be Great*. He has published plays, songs, television scripts, and poetry and is now a promotional writer.

The conference is intended for both beginners and established writers. Participants may attend all or part of the conference. For registration details, call the Division of Continuing Education at 370-3120 or visit the office to pick up a brochure.



Assistant Soccer Coach Brian Tinnion offers encouragement during a recent match. This year's Pioneer team was 4-2-1 going into action Wednesday against Michigan State. This weekend the team plays Spring Arbor College at Spring Arbor. Photo by Sharon LeMieux

Funding Opportunities

The Office of Research and Academic Development has details about the following funding opportunities. For details, call 370-3222 or visit 370 SFH. Unless noted, proposal due dates are unknown.

Department of Education

Rehabilitation research and training, November 22; Upward Bound program, December 16; national resource centers and foreign language studies, December 2; bilingual vocational training program, October 7; graduate and professional opportunity fellowships program, October 11; and national graduate fellows program, October 17 (for students only).

U.S. Information Agency

Discretionary grant program (Soviet and Eastern European studies), October 11; and publishing study, November 21.

Department of Agriculture

Competitive research grants in the following categories:

Plant science — biological stress on plants, November 4 and 12; genetic mechanisms for crop improvement, November 3 and March 3; biological nitrogen fixation, February 17; and photosynthesis, November 12.

Human nutrition — Proposals due November 4.

Biotechnology — Molecular biology, November 4; and molecular and cellular mechanisms of growth and development, November 4 and January 13.

Animal science — Brucellosis, February 17; reproductive physiology, February 10; and insect pest sciences, February 24.

Health Resources and Services Administration

Area health education center programs, November 15; and physicians' assistants programs, October 18.

National Institute on Alcoholism and Alcohol Abuse

New investigator award, November 1.

Alcohol, Drug Abuse and Mental Health Administration

Research scientist development award, level I, and research scientist development award, level II, February 1 and June 1.

National Science Foundation

Science education.

Department of Transportation

Alcohol program evaluation; and university research and training program, November 18.

National Institute of Education

Educational resources information center networks.

National Institute of Child Health and Human Development

Research on teen contraception behavior, November 15.

National Endowment for the Humanities

Young scholars projects, November 1; younger scholars bicentennial projects, December 15 (funding for students only); and exemplary projects in undergraduate and graduate education, December 1.

Job Listings

The Employee Relations Department has information about the following job opportunities. Either call 370-3480 or visit 140 NFH.

• Library clerk I, C-3, Kresge Library.
• Senior data entry operator, C-5, Office of Computer Services.

• Secretary I, C-4, Department of Modern Languages and Literatures.

• Security guard, miscellaneous, Meadow Brook Hall.

• Administrative secretary, C-7, Office of the Assistant Vice President for Student Affairs.

New Faces

Recent additions to the university staff include the following persons, the Employee Relations Department has announced.

• Ellen Albrecht of Sterling Heights, a clerk II in the Office of the Registrar.

• Marie Beckus of Union Lake, a secretary/receptionist in the Office of the President.

• Mary-Suzanne Bante of Detroit, assistant director of Residence Halls.

• Renee Beck of Lake Orion, a clerk II in the Office of Admissions and Scholarships.

• Cecilia Beverly of Rochester, a Food Service apprentice.

• Marcia Clouse of Richmond, a Food Service pastry baker.

• Yolanda Jennings of Detroit, a secretary II with Upward Bound.

University

(Continued from page 1)

The university's involvement in on-site teaching began in February 1983. To date, 14 credit and noncredit courses have been completed and two more have started. The classes have included general statistical methods, regression analysis, design of experiments, nonparametric methods, statistical methods of reliability, and discrete data analysis at sites in Utica, Sterling Heights and Dearborn. Enrollment has included 265 Ford employees.

Five of the employees have completed the graduate certificate program and 15 more will by next April. All certificate holders and several other Ford employees are active in the master's program, either on-site or at OU.

Four contracts for consulting and workshops have been funded since June 1983 totaling over \$182,000.

The consulting work was expanded this past May to include four undergraduate and graduate students as "cooperative scholars." Additional students and faculty are to become involved over the next five years. Plans include establishing consulting

laboratories at Ford plants with students, faculty members and Ford employees staffing them.

The total in consulting contracts over the next five years comes to approximately \$1.1 million.

Ford is providing \$10,000 to help fund an annual research conference about statistical methods directly related to quality and productivity in North American industry. The conference will be held in Meadow Brook Hall next June with financial assistance from AT&T and the Ott Foundation. The first two conferences were held in New Paltz, N.Y., and officials say Meadow Brook Hall could become the permanent location.

The final aspect of the Ford-OU agreement is the possibility of offering a master's degree in applied statistics at Ford plants. A decision is not expected soon, however.

Of the \$1.3 million contract, \$945,000 will be spent on faculty and student salaries over the five years. The remainder is budgeted for the computing lab and faculty development grants, the Meadow Brook Hall conferences and indirect costs.

White Trades Heart Strings for Vocal Cords

His imposing presence catches your eye and his deeply resonant voice fills your ear. When John Paul White of the Department of Music, Theatre and Dance takes the stages, his professional vocal skills become readily apparent.

White, director of the vocal music program and artist in residence at OU, commands the attention of the audience through his stature and his well-trained voice. How he became a performer, however, is one of those round-about tales that add an unusual dimension to his career. In this case, White was a pre-med student but switched to music.

The audience at the October 6 concert by the Pontiac-Oakland Symphony Orchestra will appreciate White's decision to forego medicine for music. At 3 p.m. in Varner Recital Hall, White will debut with the orchestra by performing three selections by Mozart. One in particular, *Per Questa Bella Mano* for basso and string bass, is rarely heard.

"It's unusual for it to be performed because it is very demanding; demanding on the vocal range and on the string player. The fingerings are so fast that it seems more suitable for a cello than for a bass," he says.

White performed the concert aria once before at the Marlboro Music Festival. He chose the piece because audiences seldomly get an opportunity to hear it live.

White's other arias will be *In Diesen Heil'gen Hallen* from *The Magic Flute* and *Non Piu Andrai* from *The Marriage of Figaro*.

David Daniels, department chairperson, is symphony conductor. He will also lead the



Basso John Paul White

Photo by Sharon LeMieux

orchestra in *Overture to Don Giovanni*, *Symphony No. 34* and *Symphony No. 4* by Schumann.

The fact that White is even performing with the symphony is an indication of the effect that music has had on his life. When he left St. Joseph, Mo., for Baylor University, he had every intention of becoming a heart surgeon. He was in the pre-med program at the time that he says something "magical" happened.

When he was 21, while studying voice for fun, he attended a performance of Verdi's *Otello*. It was White's first opera and something about it affected him, enough in fact for him to change his mind about becoming a doctor.

After entering and winning musical competitions, he was hired by the Santa Fe Opera as an apprentice, then landed a role in *Carmen* in New Orleans with Placido Domingo. White finished his bachelor's

degree in 1971 at Baylor and then studied and taught at Indiana University. He finished his graduate work at the Curtis Institute of Music in Philadelphia.

At that point he had to make a decision. "You either go to New York City and work as a waiter while hoping to get jobs here and there or you go to Europe," White says. "I was in Switzerland two years and in West Germany four years."

In Europe he sang leading bass roles and appeared in Berlin, Frankfurt, Bern and Zurich. He discovered that opera is to Europeans what sports is to Americans. The Europeans follow opera closely and are quite knowledgeable, unlike typical Americans.

"Once we get them there, we can win over a lot of people, if they get over that initial fear about classical music," he says.

As an assistant professor, White teaches 17 voice students and 12 music theatre workshop students. Despite his teaching load, he has not given up on outside performing.

On October 31-November 1, he will perform in *Romeo and Juliet* in Grand Rapids. In December White will perform in Handel's *Messiah* in Lansing. Other performances include *The Magic Flute* in Toledo next March, Haydn's *Creation* in his hometown next April, and with the Warren Symphony, also next April.

Tickets for the October 6 performance are \$6 general admission and \$5 for students and senior citizens. For ticket information, call the Center for the Arts box office at 370-3013.

Come 'n Get it

A Million Meals Keep Food Service Jumping

If you don't like to cook when company is coming, then a job with the campus Food Service isn't for you.

Over the course of the year, over one million breakfasts, lunches and dinners will be prepared and served by Saga, the company which feeds staff and students alike. Preparing that much food is a hectic job, as the people who do everything from slicing vegetables to washing the pots and pans can attest.

Carl Bender, Food Service manager, oversees 57 full-time employees and 250 student assistants. To keep the chopping, carving and pouring moving smoothly, on-site managers supervise. Saga serves the campus at the Oakland Center, the Katke-Cousins Golf Course, and in Vandenberg Hall, where dormitory students eat if participating in one of the three meal plans.

Keeping one of Oakland County's largest food services moving means getting up at

dawn for the first workers. Breakfast preparations begin at 5 a.m. and the lunch and dinner workers filter in later. During the course of a typical day at just Vandenberg Hall, for example, 150 gallons of milk will be served, 50-60 gallons of orange juice will be dispensed and 240 heads of lettuce will be shredded, to name a few. A typical Wednesday lunch, the busiest of the week, will include 1,200 meals with 1,800 portions (to allow for return trips through the two lines).

Bender says dietitians prepare menus weeks in advance at the company's California headquarters. Saga serves 375 colleges and universities. "We're the single-largest college feeder in the nation," he says. The company buys its food in bulk nationally and local distributors supply each campus. Bender estimates that because of Saga's buying power, OU saves about 10 percent over what it would pay if the university operated its own food outlets.

The menus allow for some flexibility, such as choosing between cookies and ice cream with a particular meal. Company guidelines spell out exactly how many items should be at the salad bar, how many beverages must be available, and other standards. Bender and his managers are on hand at the meals, checking for compliance with those standards and also fielding any comments or complaints from campus diners.

Bender says a common complaint isn't about the food, but the music played in the 600-seat Vandenberg dining room. No matter which radio station is selected, he has found, it is the wrong one for some. A comments board is available for diners to voice their concerns. The Area Hall Council and Saga have a review committee that meets weekly to discuss complaints and talk about trends in student tastes.

Saga uses the "Stransky Recommends" labels on some items to show patrons that it has campus health consultant Fred Stransky's blessing for nutritional value. "It's healthier food, not health food," says Al Roberts, one of the managers. "What we're saying is that of all the foods, these are the healthiest."

The Vandenberg dining room is open from 7:15 a.m.-7 p.m., except for two half-hour periods set aside for cleaning. Students come and go as they wish and an electronic device reads their meal ticket to record each meal consumed. Faculty and staff also may use the Vandenberg dining room by paying

at the door.

"By far, this is the best bargain on campus, without any doubt," Bender says, because it is an all-you-can-eat cafeteria.

Some of the misconceptions about Saga, Bender says, are that such things as powdered eggs are used or that all food comes from cans. "I've never seen a powdered egg," he adds. The person who cracks 30 dozen of them for breakfast would agree. At a Wednesday lunch, a kitchen employee picked turkey off bones for that day's main entree. Nearby, cooks prepared 45 pans of lasagna from scratch for that evening's dinner. They made the sauce, boiled the lasagna, and shredded 180 pounds of cheese. "These people are extremely productive," Bender says.

Bender got his start in restaurant management while a student at Central Michigan University, working for the local Holiday Inn. The Saga training course, he says, was demanding and those who passed knew the ins and outs of food service well.

Being able to figure to the fraction of a cent what each portion costs does have one disadvantage for Bender. When he dines out, he can't help but price restaurant portions.

"I know exactly what everything costs. I do it at weddings. When I go out to eat, half the time I can tell who their supplier is just by the products they carry," he says. At a restaurant, though, he gets a break — he doesn't have to wash 100 pounds of vegetables.



A watched pot may not boil, but it still must be stirred. Head Cook Mary Dupuie tends to her duties in the Vandenberg kitchen.

Photo by Sharon LeMieux

SEM Will Miss Yntema

A dedicated supporter of the university, Theodore O. Yntema, died September 18 in Detroit. Mr. Yntema was an adjunct professor in the School of Economics and Management since 1965. Through the years, Mr. Yntema made many gifts to the university.

Mr. Yntema was a retired Ford Motor Co. vice president and finance chairman. He was credited with establishing Ford Motor Credit. He had joined Ford in 1947 as an economic consultant.

After retiring from Ford in 1965, he became a visiting professor at the University of Chicago, the Carnegie Institute of Technology (now Carnegie-Mellon) and OU.

Mr. Yntema earned his bachelor's degree from Hope College. He received a master's degree in chemistry from the University of Illinois and a master's degree in business and

a doctorate in economics from the University of Chicago. He also attended Harvard University.

Mr. Yntema also served as a trustee of the Carnegie Endowment for International Peace, the University of Chicago, Cranbrook Institute of Science, Cranbrook Academy of Art, the Michigan Colleges Foundation, and the Tax Foundation, Inc.

He was also a director of the National Bureau of Economic Research, the National Industrial Conference Board, Bell & Howell, Encyclopedia Britannica and Huyck Corp.

Mr. Yntema is survived by his widow and four children. The family suggests that memorials be made to the Theodore O. Yntema Fund in care of the Office of Developmental Affairs.

Meadow Brook To Open 20th Stage Season

Meadow Brook Theatre opens its 20th season on October 10 with Shakespeare's classic, *Romeo and Juliet*. Actor Peter Moore will play Romeo. Juliet will be performed by Dona Werner. Moore, a Shakespearean-trained actor, has put in three seasons at the Utah Shakespeare Festival as an actor and fight choreographer. He has also acted in off-Broadway plays, choreographed fights for the 1982 musical, *Marlowe*, and been the producer for The New Classic Theatre in Minneapolis.

Apply for Associateships

The National Research Council will award approximately 350 new full-time resident, cooperative and postdoctoral research associateships in 1986 in the sciences and engineering. The associateships program is conducted on behalf of 25 federal agencies or research institutions whose laboratories are located throughout the United States.

Nursing Expert to Lecture

An internationally prominent nurse theorist and clinician will address health-care professionals on issues of nursing in the 21st century at a presentation at OU. Ida Orlando will speak at 2 p.m. October 10 in the Oakland Center. Orlando was an early advocate of nursing practice theory that clarifies the professional nurse's unique contributions to health-care delivery. She has said that "the distinct function of professional nursing is to find out and meet immediate needs for help (in producing) the restoration or improvement in the individual's capacity to care for the self." Orlando's research was done initially at Yale University School of Nursing. Her research is distinct from other theoretical researchers' in that she has delineated nursing methods by which nurse-patient interaction is recognized as significantly affecting the health of patients. Translated into Dutch, French, Hebrew, Portuguese and Japanese, her publications have stimulated worldwide research and practice with this person-to-person focus. Her presentation is sponsored by the School of Nursing and the Educational Development Fund of OU. The doors will open at 1:30 p.m. Tickets are \$5 for adults and \$2 for students with valid identification. The event is open to the public. For details, call Anna Dugan in the School of Nursing at 370-4071.

Alumni Gifts Disbursed at OU

The Alumni Annual Fund has provided \$128,885 for university programs for the coming year. Joan Stinson, director of Alumni Relations, said the money includes gifts designated by alumni donors for use by certain areas and unrestricted gifts. The Alumni Association Board of Directors approved the allocations and submitted them to President Joseph E. Champagne for his review and concurrence. The president expressed his "deep gratitude to the alumni for hard work, dedication, enthusiasm and generosity."

The allocation included \$54,686.50 for the Alumni Athletic Fund, the 1985-86 Alumni Fund Drive, the Alumni Memorial Scholarship, the Arts and Sciences Award, the Jewell Wibby Scholarship, the Kresge Library, the Undergraduate Research Grant Endowment, the Graduate Research Grant Endowment, and the conference endowment.

The association disbursed \$32,827 for its alumni affiliates and \$41,371.55 for projects within individual schools.

Moore is also seen in several television commercials. In one, he is a World War II fighter pilot flying off to fight the enemy in a Ford truck. The commercial won the Lone Star Award in the Houston International Film Festival. He is also seen in commercials for Chi-Chi's and The Turkey Store. Werner has been featured in a number of roles at the Guthrie Theatre in Minneapolis. She played Agnes in *Agnes of God* in St. Paul. Werner is a former student of Charles Nolte, the director of *Romeo and Juliet*, who

The program provides doctoral scientists and engineers of unusual promise and ability with opportunities to perform research on problems largely of their own choosing, yet compatible with the research interests of the supporting laboratory. Since 1954, the program has contributed to the career development of over 4,000 scientists. They ranged from recent doctoral recipients to distinguished senior scientists. The associateships will be awarded on a competitive basis for research in chemistry, earth and atmospheric sciences, engineering and applied sciences, biological, health and behavioral sciences, mathematics, space and planetary sciences, and physics. Most of the programs are open to both United States citizens and non-U.S. nationals, and to both recent doctoral degree recipients and senior investigators. Awards are made for one or two years. Senior applicants who have held the doctorate at least five years may request shorter tenure. Stipends for the 1986 program will begin at \$26,350 a year for recent doctoral graduates. They will be appropriately higher for senior associates. A stipend supplement of approximately \$5,000 may be available to regular (not senior) awardees holding recognized doctoral degrees in those disciplines wherein the number of degrees conferred by U.S. graduate schools is significantly below the current demand. In the 1985 program year these areas have been engineering, computer science and space-related biomedical science.

Reimbursement is provided for allowable relocation costs and for limited professional travel during tenure. The host laboratory provides the associate with program assistance, including facilities, support services, necessary equipment and travel necessary for the conduct of the research program. Applications to the National Research Council must be postmarked no later than January 15 for the initial awards to be announced in March and April. The deadlines for later competitions are April 15 and August 15 for awards to be announced in July and November, respectively. Information on specific research opportunities and federal laboratories, as well as application materials, may be obtained from the Office of Scientific and Engineering Personnel, JH 608-D1, National Research Council, 2101 Constitution Ave., N.W., Washington, D.C., 20418. The phone is (202) 334-2760.

Continuum Center Observes Anniversary

Past and present staff members, peer counselors and group leaders will help the Continuum Center celebrate its 20th anniversary October 5 at an all-day reunion. The event will be at the Orchard Lake Country Club from 9:30 a.m.-4:30 p.m. The reunion will include reminiscences from four panels of group leaders and staff members, each representing a five-year period in the center's history. Small group discussions that focus on the center's influence on individual lives then and now will also be held. The Continuum Center was established in 1965 as the Continuum Center for Women. Its reputation was established through innovative training with peer counselors who

is a theatre professor at the University of Minnesota. Broadway and Hollywood veteran Jeanne Arnold plays Juliet's nurse. She appeared with Katharine Hepburn in *Coco* and with Robert Goulet in *The Happy Time*. Arnold is also known as Ellen Mason in the television serial, *The Guiding Light*. Last year she played a lead role in Meadow Brook's *The Importance of Being Earnest*. Others in the cast include local actor Glen

Gallery Features Special Show

An exhibition of contemporary art by 49 artists will be displayed at Meadow Brook Art Gallery from October 6-November 17. The exhibition, *From the Collection of Sol LeWitt*, includes 71 works in a variety of media. The artists represent work in the Conceptual and Minimal movements. Besides painting, sculpture, drawings and photography, the exhibition includes mail art, signed certificates and a cassette recording. The exhibition was organized by Independent Curators, Inc., of New York, in association with Wadsworth Atheneum of Hartford, Conn. Independent Curators is a nonprofit traveling exhibition service specializing in contemporary art. Sol LeWitt was one of the leaders of the

Event Set by Women of OU

The Reader's Digest Collection of privately owned paintings and sculpture will be displayed October 18-22 at Meadow Brook Hall. Rochester has been selected as one of only eight cities in the United States and Europe for this special exhibit. The collection includes works by Picasso, Bonnard, Seurat, Braque, Chagal, Renoir, Soutine, Gauguin, Utrillo, Manet, Matisse, Brancusi, Degas, Giacometti, Pissarro, Modigliani, Monet, Dufy, Morisot, Lachaise, Sisley, Soutine, Vlaminck, Vuillard and Van Gogh.

Glaucoma Experts Gather

Forty internationally known experts on glaucoma — the blinding eye disease that that afflicts two million Americans — will meet at Oakland University from October 8-11 to share recent advances in the fight against the disease. Recent developments in understanding the mechanisms which regulate formation of aqueous humor have led directly to the discovery of more potent and effective drugs for the treatment of glaucoma, says Venkat N. Reddy, director of the Eye Research Institute. It is this area of research that will be emphasized, Reddy says. The Eye Research Institute is host for the Meadow Brook Hall conference that attracts research ophthalmologists and basic scientists from four countries. Reddy explains that glaucoma is an ocular disease associated with an increase of the pressure in the eye. Normal pressure is maintained by a constant rate of secretion of the fluid (aqueous humor) into the eye and

Allen Pruett as Mercutio, Joseph Reed as Friar Laurence, Arthur Beer as Lord Capulet, Barbara Barringer as Lady Capulet, Joey L. Golden as Benvolio, Paul Hopper as Count Paris, and George Gitto as Escalus, Prince of Verona. Also appearing will be Richard Marlatt, John Manfredi, Thom Haneline, David Fox, Jayne Houdyshell and Eric M. Johnson. Tickets may be reserved by calling 377-3300.

Conceptual Art movement of the 1960s and '70s. He began acquiring work, primarily that of fellow contemporary artists, in the early 1960s. The collection comprises over 8,000 works and continues to grow. In 1976 LeWitt turned over the entire collection to the Wadsworth Atheneum, his hometown museum, preparatory to an eventual gift. While the works of art reflect diverse artistic outlooks, those in the exhibition focus on Conceptual Art and related movements such as Minimalism. *From the Collection of Sol LeWitt* is made possible, in part, by grants from the Robert Lehman Foundation and the National Endowment for the Arts.

The Women of Oakland University organization has made arrangements with Meadow Brook Hall for a special discounted admission fee of \$1 for faculty and staff and family members who live in their household. Bring your university identification card to qualify for the discounted admission. The exhibition will be open from 1-5 p.m. Sunday and 10 a.m.-5 p.m. all other days. Admission will include touring access to major rooms on the first and second floors of the 100-room Tudor mansion. For further details, call 370-3140.

by an equivalent rate at which the fluid leaves the eye from the anterior chamber, just below the cornea. Any disturbance in this delicate balance results in elevated intraocular pressure. If this pressure is unregulated, it could lead to blindness due to irreversible damage to the optic nerve, Reddy says. Reddy says an estimated 100,000 people in the United States are blind from glaucoma and an estimated two million people are known to have the disease. Treatment, he says, can take the form of pharmacological agents which suppress the rate of aqueous humor formation, thus relieving the elevated intraocular pressure. Surgery is performed when it is necessary to increase the outflow rate from the eye. Co-chairs of the conference are Reddy, Richard Brubaker of the Mayo Clinic and Arthur Neufeld of Harvard Medical School. The program is supported in part by Alcon and Allegran pharmaceutical companies.

Center of Northern Michigan in Petoskey, and the Center for Human Development in Manatee County, Florida.

The center is now a part of the School of Human and Educational Services and includes courses for both men and women of all ages. Services include personal and career counseling, consulting, and training programs for businesses and other groups. For further details, call Director Elinor Waters at 370-3033.

Music Highlights Harlem

A musical revue of black nostalgia will be performed at 8 p.m. October 9 in Varner Recital Hall. *Harlem Heyday* takes the audience back to the time of vaudeville and the late 1920s. The story of *Harlem Heyday* is told through the memories of Rufus GoNightly, who lived through the Roaring Twenties and Swinging Thirties. The sound of ragtime (a precursor of jazz), the ribald comedy that still makes people laugh, the social blues of the Empress, the melodic passages of pop tunes that swept the country, the joy of the Charleston, the Cakewalk, and the Black Bottom, all echo through GoNightly's mind as he relates his life and the lifestyle of his

times to a company of musicians at the theatre he now cleans for a livelihood. The revue features the music of Duke Ellington, Cab Calloway, Ella Fitzgerald and others, popularized in the movie *The Cotton Club*. The presentation has toured the country to positive reviews. Former NBC newsman Edwin Newman commented, "There is more talent on stage than the law should allow." The program is free to OU students. Admission is \$2 for all others. *Harlem Heyday* is sponsored by the Student Program Board, CPO and the Office of Student Life. For details, call CPO at 370-2020.

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3. Report violators for appropriate discipline.

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