



OAKLAND UNIVERSITY

News

104 North Foundation Hall
Rochester Hills, MI 48309-4401

A publication for faculty and staff

October 27, 1989

A New Chapter for Kresge Library

Dedication on November 8 Marks Completion of Renovation Program

With the snip of a ceremonial ribbon, the newly expanded Kresge Library will officially open November 8.

The university community is invited to attend the 1:30 p.m. ceremony on the library front steps. Immediately following the ceremony, from 2-3:30 p.m., everyone may attend an informal reception on the fourth level.

The renovation, which officially began December 11, 1987, nearly doubled the space available for books and support services by adding two multi-story wings. Among the improvements are 80 private study rooms, a current serials reading room, a computer graphics laboratory and more than 70 com-

puter terminals. Construction on the computer area is wrapping up, but nearly all other areas within the library are complete.

The significance of the \$11.5 million project was the cooperation between the state, university and private donors who pooled their resources for the benefit of Oakland students. Major funding sources were the state, which provided \$7 million; alumni, who pledged \$1.3 million (actually exceeding their \$1 million goal); the Kresge Foundation, \$1 million; and long-time university supporter Howard L. McGregor, Jr., \$1 million.

The new wings are named in honor of the alumni and McGregor. The entire library will

be rededicated in honor of the Kresge Foundation, which provided financial support for the original construction in 1961.

Patricia Hartmann, chairperson of the university Board of Trustees, will welcome guests to the dedication. Speakers will be President Joseph E. Champagne; Eugene Miller, chairperson of the Oakland University Foundation, which was instrumental in raising the university's share of the project cost; Alfred H. Taylor, Jr., chairman of the Kresge Foundation, which provided \$1 million in support; and a representative of Governor James J. Blanchard.

Following brief remarks, representatives of

groups that contributed to the library renovation will place a book with a commemorative book plate on a shelf to symbolize the collection-building process.

Taking part in the book placement will be Hartmann, representing the Board of Trustees; Donna White, president of the Friends of Kresge Library; Greg Demanski, president of the Alumni Association Board of Directors; Brian Murphy, president of University Student Congress; Joan Rosen, associate professor of English, representing the faculty; John Mills, president of the President's Club Steering Committee; Miller from the OU Foundation and Taylor from the Kresge Foundation.▼



Pals

Actor Lew Ayres, left, and Lowell Eklund, dean emeritus of continuing education, have been friends for years. The two had a chance to reminisce again at Meadow Brook Hall when Ayres came to Oakland to participate in some special programs. A look at their friendship is on page 3.

Board Approves \$57.8 Million Operating Budget for 1989-90

The university Board of Trustees has approved a \$57,886,157 general fund budget for the 1989-90 fiscal year, an increase of \$2,507,426 over the previous year.

The budget, approved by the board October 11, shows projected revenues will exceed expenditures by just over \$3,500, aided by a \$979,967 fund balance carried over from 1988-89.

Revenue for 1989-90 includes \$33,407,690 in state appropriation, up 3.9 percent from last year; \$21,602,500 in tuition and required fees,

an increase of \$1,938,500; \$900,000 in indirect cost recovery, down \$150,000 from the preceding year; and \$1,000,000 in miscellaneous revenue, an increase of \$200,000 over 1988-89. The revenue total is completed by the \$979,632 fund balance from the previous year.

University officials note that the expenditure budget of \$57,886,157 has been reduced by permanent reductions from the 1988-89 base exceeding \$1.1 million.

— By Jim Llewellyn▼

Capital Outlay Requests Sent to Lansing; Science Building at Top of Funding List

The proposed \$35.23 million Science and Technology Building heads the list of priority capital outlay budget requests approved by the Board of Trustees on October 11 for submission to the Department of Management and Budget.

The university is asking for help with 14 projects, including six first-time requests.

First priority in construction programing and planning is the new Science and Technology Building for which \$324,000 has been allocated for initial architectural work with a project cost of \$35.23 million; a university maintenance facility, \$2.96 million; and classroom-office building, \$22.83 million.

Requests for lump-sum allocations include:

- Replacement of a high-temperature water line from Varner to Dodge halls, \$488,500
- Varner Hall roof replacement, \$246,800

- Lepley Sports Center renovation, \$168,300
- Classroom renovations, \$107,100 (per year for three years)
- Vandenberg Hall parking lot expansion, \$375,000
- Campus-wide asbestos abatement, \$150,000
- Water-system improvements, \$115,000
- Public Safety and Services addition, \$349,500
- Hannah Hall air conditioning, \$492,000
- Repair and replace exterior entrances and doorways, \$93,500
- Modify buildings to comply with state and federal codes for handicapped, \$171,400.

For 1989-90, the university received \$621,860 to address urgent special maintenance needs.▼

University Addresses Future Budget Needs in Proposal Provided to State

Oakland will seek an additional \$1 million in state appropriations for fiscal 1990-91 to aid the Kresge Library collection and another \$539,400 to aid support and enrichment systems for minority and disadvantaged students.

The program requests are included in a preliminary \$62.7 million 1990-91 general fund operating budget approved by the Board of Trustees October 11 for submission to the state.

The request is approximately \$4.9 million greater than estimated expenditures for 1989-

90 and includes inflationary increases and employment compensation costs.

University officials say the \$1 million in state support is needed to improve collections in the Kresge Library as cited by a North Central Association accreditation team report. The team will return to campus in 1993-94 to assess "the capacity of the library to support academic programs at all levels."

As the report indicates, "The funding for the library remains at a level which appears to provide no more than half the amount needed for acquisitions (or equivalent electronic or other access, where available)."

The university is nearing completion of a \$11.5 million Kresge Library renovation and expansion project. OU is requesting an additional \$1 million per year in new funding to be used in development of the journal collection, purchase of monographs and addition of service personnel to support the acquisitions program.

A key to the minority and disadvantaged student plan would be implementation of a

(Continued on page 4)

Hartmann, Sims Keep Leadership Roles

Patricia B. Hartmann has been reelected to a second one-year term as chairperson of the Board of Trustees.

Architect Howard F. Sims was elected to a second term as vice chairperson of the board.

Hartmann is a member of the board and assistant treasurer of Ziebart International. Sims is chair of Sims-Varner and Associates, Inc., an architectural and planning firm.

The elections took place at the October 11 meeting of the Board of Trustees. Hartmann became the first woman to serve as chairperson of the board when she was elected last fall. She has been a trustee since 1980 and was vice chair from 1986-88. Sims was first named to the board in 1981.

Both the chair and vice chair are active in fund raising and charitable work. Hartmann was a 1988 winner of the Heart of Gold Award from the United Foundation.

Sims won a Mercy Medallion from Mercy College this year.

Hartmann helps raise funds for numerous area organizations, including Eton Academy (the only private school for learning disabled children in Michigan), OU, the Detroit Institute of Arts and the Detroit Swedish Council.

Hartmann has also been involved with numerous boards and committees of Cranbrook Academy of Art, Cranbrook Educational Community, Kingswood School, Michigan Cancer Foundation and the Michigan Opera Society.▼



Hartmann



Sims

Atlanta's Mayor Andrew Young to Lecture November 1

Atlanta Mayor Andrew Young will talk about the tremendous growth of his city and *The Future of the Cities* in a November 1 lecture.

Young will speak at 2:30 p.m. in the Oakland Center Crockery. The lecture is sponsored by the Student Life Lecture Board and the Student Program Board.

Mayor Young has been cited for sparking a renewal within Atlanta that has created over

350,000 new jobs and attracted investment of nearly \$70 billion.

It is predicted that more than a million new jobs will be created over the next few years adding to the exceptional growth that this Georgia city has already experienced.

In addition, Young is credited with effective handling of such diverse problems as social issues and international commerce.

The guest speaker was a close associate of

Martin Luther King, Jr., served in Congress from 1972-77 and was ambassador to the United Nations from 1977-79.

For additional information, call CIPO at 370-2020.▼



Young

Changes in Buildings and Grounds Make Campus 'User Friendly' for Handicapped

Some renovations on campus this fall will make it easier for handicapped persons to move about.

The changes include additional parking spaces in the main parking lot in front of North and South Foundation halls, curb cuts and ramps in sidewalks along that lot and new restrooms on the second floors of Dodge and Hannah halls.

The Dodge Hall restrooms have been created from what used to be a lounge area accessible from the women's restroom. Two handicapped restrooms have been built in that space. In Hannah, handicapped facilities are being added to existing restrooms.

Across campus, says Nainan Desai, director of plant engineering and facilities planning, improvements to aid the handicapped will include additional automatic door openers.

Kresge Library, now nearing completion of its renovation project, has a number of features to assist the handicapped. The main entrance has automatic sliding doors and the low-level circulation desk has been designed to make it convenient for persons in wheelchairs. Throughout the building, the handicapped will find moving about and using facilities easier than in the past.

Desai says several other changes that will

benefit everyone are either complete, under way or in the design stages. The main parking lot has an additional 35 spaces due to an expansion at the end across from Meadow

Brook Theatre. Additional spaces were added to the lot between Varner Hall and Dodge.

In the next few months, Desai says, the following projects will begin:



Steve Hines of RL Corriveau Construction begins work on a Dodge Hall restroom renovation. The university has added second-floor restrooms for the handicapped by converting a former lounge. Restrooms in Hannah Hall will also be renovated for access for the handicapped.

- Motion sensors will be added to classrooms that are not heavily used. The sensors will turn off lights when no one is in the room. Desai says the cost of the project will be recovered in four to five years in energy savings.

- Fluorescent light fixtures in Lepley Sports Center and North and South Foundation halls will be altered. In four-bulb fixtures, two bulbs will be removed. Workers will add a silver film to the inside of the fixture that will reflect light into the room. Nearly the same amount of light will be projected from two bulbs as had been with four. The cost of the project will be recovered in two to three years in energy savings.

- In Varner, air-handling equipment will be updated from constant velocity to variable velocity to save fan horsepower.

- In South Foundation, air-handling equipment will be converted to recirculate the indoor air. The building, which was built to include laboratories, has equipment which uses only outside air.

- The computer system which runs the heating and cooling for North Foundation, South Foundation, Dodge and Lepley will be improved. Controls within each building now start all equipment, whether each unit is needed or not. The new system will turn on only those that are needed at a particular time.▼

Professor Outlines Sanctioned Destruction of Brazilian Tropical Rain Forests

Imagine an area the size of The Netherlands going up in smoke.

That's what happened in Brazil last year as government-sanctioned fires ravaged approximately 16,000 square-miles of tropical rain forest.

Mary Karasch, a professor of history who has twice visited the Amazon region, presented an analysis of the region to a noontime audience in the Oakland Center recently to heighten awareness of the devastation. This week has been designated for programs across the country to bring the issue before the public.

Karasch said 270,000 fires were set last year alone in an attempt to clear the land for farming and other uses. Only 4 percent of Brazil's land is used for agriculture.

"It becomes so intense that as you travel, your

eyes sting from the smoke and dust," the professor recalled.

Scientists around the world have condemned the "slash and burn" approach by the Brazilian government. They are concerned that the high-canopy rain forest destruction could affect weather patterns globally. In areas where rain forests have been cleared since the 1960s, the once lush land has become dry and desert-like.

Karasch said one of the side effects of the

controlled burning has been displacing Indian tribes from their native land. As the government

continues to make the transition from a traditional to a more Western-style culture and economy, those who do not adapt are moved elsewhere.

To enhance distribution networks for goods and services, cross-continent roads are being built. They also make it easier to reset-

tle farmers and cattle ranchers into the burned areas. Karasch noted the cocaine trade has also benefited, however, and that Amazon river

“
Maybe the burnings of
1989 will be the last.
”

ports like Leticia, near Colombia, have become distribution points.

Although the rain forest is cleared to increase agricultural production, one of the problems is that the land gives out with lack of rainfall. In turn, the farmers and ranchers must move again to areas that must be burned.

In the past, the Brazilian government provided tax incentives to encourage farmers and ranchers to burn the rain forests. That policy has been reversed, Karasch noted.

"Brazilians themselves are very concerned about the devastation taking place. There is hope that with new elected leaders in November, changes will take place."

Karasch added, "Maybe the burnings of 1989 will be the last."▼

Our People

Out and about? Send the details to the News Service, 104 NFH.

PRESENTATIONS

- Fatma Mili, engineering and computer science, has been invited to Concordia University and Université de Québec a Montreal to present two seminars, *Relational Interpretation of Axiomatic Representation of Data Type Specifications* and *Relational Heuristics for Program Construction*.

- Dyanne Tracy, curriculum, instruction and leadership, and MAT graduate Susan Nanes will present *Mathematical Manipulatives — A Look at Both Sides of the Issue*, at the Michigan Council of Teachers of Mathematics Conference in Ypsilanti.

- Ching L. Ko, mechanical engineering, worked as a summer faculty fellow at the NASA Lewis Research Center. He presented *Conjugated Heat-Transfer Analysis of Laminar Compressible Flows Over a Two-Dimensional or an Axisymmetric Anisotropic Body Using a Higher-Order Finite-Difference Scheme*. It was presented to the Heat Transfer Branch of the center.

- Frank Schieber, psychology, gave an invited address before governmental panels as the nation continues to look at issues involving the older driver. Schieber has done pioneering work on vision and aging and on highway sign recognition among older drivers. He spoke at a workshop on *Research and Development Needed to Improve Safety and Mobility of Older Drivers*. The National Institute on Aging, the Centers for Disease Control and the National Highway Transportation Safety Administration sponsored the workshop. The goal is to formulate a national research agenda for topics involving the older driver.

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- James Llewellyn, senior editor and news director

- Jay Jackson, staff writer

- Rick Smith, photographer

- Subramaniam Ganesan, engineering and computer science, attended the Institute of Electrical and Electronics Engineers International Conference on Systems Engineering and presented a paper, *A Multi-DSP Microprocessor System for Real Time Digital Correlation*. Coauthor was P.V. Raja.

- Neal Shine, journalism, can be seen weekly on WTVS-TV (Channel 56) in Detroit. *Neal Shine's Detroit* premiered October 13. The show's opening was filmed during Shine's ethics class in Wilson Hall.

- Beverly Geltner, curriculum, instruction and leadership, will present a workshop in Indianapolis on *School Trauma Response* at the Great Lakes Student Assistant Conference. The conference will focus on *Winning the Way to Drug-Free Schools*. Her presentation will delineate how to establish a traumatic incident response program to deal with the psychological consequences of such events as shootings.

- Julia Dorminey, curriculum, instruction and leadership, made a presentation about the Bloomfield School District/Oakland University Teacher Induction Program and the Oakland Schools Mentoring Program at the Michigan Association of Colleges of Teacher Education Conference. The programs are aimed at assisting first-year teachers in Oakland County.

- M.H. Klaiman, linguistics, presented a paper, *The Relationship of Inverse Voice and Head-Marking in Arizona Tewa and Other Tanan Languages*, at the 15th annual Minnesota Conference on Language and Linguistics at the University of Minnesota.

PUBLICATIONS

- Ka C. Cheok, electrical and systems engineering, wrote a paper, *Lyapunov Stability Analysis for Self-Learning Neural Model with Application to Semi-Active Suspension Control Systems*, for the *Proceedings* of the fourth Institute of Electrical and Electronics Engineers International Symposium on Intelligent Control. The coauthor was N.J. Huang.

- An article by Paul Tombolian, chemistry, *Regulating at the Edge: The Appropriate Use of Science in Regulating Environmental Chemicals*, appeared in Vol. 23, No. 9 of *Environmental Science and Technology*, a publication of the American Chemical Society.

CONFERENCES

- Two members of the Department of English participated in the joint meeting of the Michi-

gan Association of Departments of English and the Michigan College English Association meeting at St. Clair County Community College in Port Huron. Robert Eberwein contributed to a panel, *A Conversation Regarding Hiring Practices and Problems*, and Donald Morse presented a talk, *Six Impossible Things Before Breakfast: The Literature of the Fantastic*.

- Six members of the School of Business Administration faculty will teach at the CPA Weekend November 10-12. They are David D. Sidaway, Sandra Pelfrey, Patricia Kish, Sid Mittra, Gadis J. Dillon and Robert Kleiman. Fred Stransky, Meadow Brook Health Enhancement Institute, will be the Friday luncheon speaker. The CPA Weekend is directed by Carmen Thomas of the Division of Continuing Education and sponsored by CE and SBA.

HONORS

- Fatma Mili, computer science and engi-

neering, has been nominated as one of 12 members of the International Federation on Information Processing Working Group on Decision Support Systems. Membership in the IFIP is by invitation.

Jobs

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

- Laboratory research technician, C-7, Department of Biological Sciences.

- Men's/women's tennis coach (fall and spring only), Department of Athletics.

- Master trades V, AFSCME, Campus Facilities and Operations.

Funding Opportunities

The Office of Research and Academic Development has details about sources of external funding. Stop by 370 SFH or call 370-3222. Unless noted, proposal due dates are unknown.

Department of Education

Minority science improvement grants, December 1; student support services, November 17; special recreation programs, November 30; desegregation assistance center program, November 30; cooperative education administration grants, January 19; cooperative education demonstration projects, January 19; research on handicapped children: research in education of the handicapped and training personnel for education of the handicapped.

Department of Transportation

National Highway Traffic Safety Administration: evaluation of safety-belt promotion projects, November 15.

Health Resources and Services Administration

Nurse anesthetist training grants, November 1; geriatric education centers, December 11 (applications) and November 10 (comments).

Council for International Exchange of Scholars

Quincentenary postdoctoral fellowships in Spain, January 2.

National Institutes of Health

Division of Research Resources: minority high school student research apprentice program, December 1.

National Cancer Institute/National Institute of Environmental Health Sciences

Cancer etiology in finfish and shellfish, February 1, June 1 and October 1.

Office of Naval Research

Young investigator program, January 17.

Alcohol, Drug Abuse and Mental Health Administration

Office of Substance Abuse Prevention: drug abuse prevention grants, November 15 and April 15.

American Federation for Aging Research

Aging research association, January 15.

National Institute on Aging

Geriatric research and training centers, February 15; rehabilitation and aging, January 10 (research training) and February 1 (research); human factors research on older people, January 10 (research training) and February 1 (research).

Bits & Pieces

Aid Goes to Hugo Victims

Students living in the residence halls have raised \$371.68 for victims of Hurricane Hugo.

Forty-one resident assistants solicited contributions on each floor of the residence halls during the past two weeks. The funds will be turned over to the American Red Cross.

Jean Miller, assistant director for student development in the residence halls, challenged the RAs to help hurricane victims. "For spur-of-the-moment fundraising, I think this was a sizeable contribution," Miller said.

Get Your Pick of 'Les Miz' Tix

The Fisher Theatre has extended the run of *Les Miserables* through December 31, and Pat Nicosia has come through with two more blocks of discounted tickets.

Tickets are available for the 7:30 p.m. December 17 and 31 performances. Prices are \$42.50 main floor (not discounted), \$25 lower balcony (regularly \$42.50) and \$16 upper balcony (regularly \$25).

Send a check, payable to Pat Nicosia, 100 NFH or call 370-2370 for information. Requests and payment are due a month before the performance. All Oakland students and employees may purchase tickets while they last. December 31 is expected to be the final performance of the four-month run.

Eat and Be Merry

Tips on proper nutrition and the fallacies of nutrition will be offered by Rick DeLorme, assistant director of the Meadow Brook Health Enhancement Institute.

The first lecture on November 1 will cover nutrition and disease, dietary fat, protein and carbohydrates, and fallacies of nutrition.

The second on November 8 will cover vitamins, minerals, water and dietary fiber, label reading for optimal nutrition, misleading labeling and advertising, and recipes.

Both lectures will be at 7:30 p.m. in the MBHEI. The fee is \$4 for one or both lectures. Members of the MBHEI will be admitted free. Call 370-3198 to reserve a seat.

Engineers to Toot Own Horns

Oakland will host a free open house November 19 for undergraduates interested in the continuing hot fields of engineering and computer science.

The program will be held from 12:30-4:30 p.m. and is sponsored by the School of Engineering and Computer Science.

Admissions and program information will be available in 201 Dodge Hall. Laboratory demonstrations will be held throughout the building. Additional information can be obtained by calling 370-2212.

Take a Look at China

Professor Linda Benson, history, will present a lecture with slides about the people of China at 7:30 p.m. November 20 in the Oakland Center East Crocker.

People of the Silk Road: China's Kazak and Uighur Nationalities will explore two of China's 55 national minorities. The Kazak's are pastoral nomads who pursue their centuries-old life-style in the mountain pastures of northwest China. The Uighurs are inhabitants of the oasis cities which once marked the route of the ancient Silk Road.

Benson will introduce you to the region and its history and then focus on the status of these two groups under the present Chinese government. Refreshments will be served. For details, call 370-3510.

Holiday Fair Needs Exhibitors

Exhibitors for the annual Art, Book and Gift Fair on December 6-7 in the Oakland Center are needed.

All faculty, staff and students with a talent of some sort may rent a display table. For details, call Hosie Hillie at 370-3233.

Lew & Lowell

Friends Find Education a Common Bond

As old friends are wont to do when swapping tales, they reminisced about how they met.

A few compliments here, a jog of the memory there, and they were on their way.

Lew Ayres and Lowell Eklund trace their friendship to World War II. While serving in the Army, they trained in the southwestern United States. They went their separate ways following the war, with Ayres continuing a successful Hollywood film career that began in 1928.

The two acquaintances came together again in 1977 and a friendship formed. It was then that Eklund convinced his friend to offer seminars at Oakland, particularly on the topic of world religions, and Ayres has come back every year since for events and seminars.

Ayres made his latest trip to Oakland to give a presentation about the late Laurence Olivier for the *Enigma of Genius* series on October 19. He followed that with a two-day weekend workshop, *God of Evolution*, at Sunset Terrace. A film Ayres produced, *Altars of the World*, was part of the program.

As Ayres and Eklund sat in Meadow Brook Hall and traded stories, sharing their personal thoughts about each other, it was evident the warm feelings they had were long-standing and genuine. On this particular morning, Minnesota-born Ayres was in fine fettle, excited about the unusually heavy mid-October snow falling on the grounds, and looking forward to his lectures.

Eklund, dean emeritus of continuing education and retired executive director of Meadow Brook Hall, calls the 80-year-old actor a "role model in the field of continuing education." Ayres' formal education was limited (he does, however, hold an honorary doctorate from Oakland), but his desire to better himself through self-directed study has never stopped. In fact, Ayres notes, he does not consider himself to be a final authority on his subject matter. He regularly asks for audi-

ence comments to learn what his listeners can add to his body of knowledge.

"He captivates audiences by his inspirational personality," Eklund says. Ayres' lectures on religion are well-received, Eklund says, because he is "spiritually grounded without being sectarian."

It was Ayres' spirituality that led him to become a conscientious objector during the war. Nonetheless he was drafted and he served as an Army medic. While out training in the desert sun under General George Patton, all the while thinking he would be sent to northern Africa instead of the South Pacific, he and Eklund met by chance.

Eklund recalls his first impression of Ayres was that the actor was also a humanitarian. Completing a 14-mile march, Ayres came into camp carrying the backpacks of two other men, plus his own. It turned out Ayres carried them so that the others could complete the march.

What further distinguished Ayres was his refusal to carry a gun, making him the only medic in his unit who didn't.

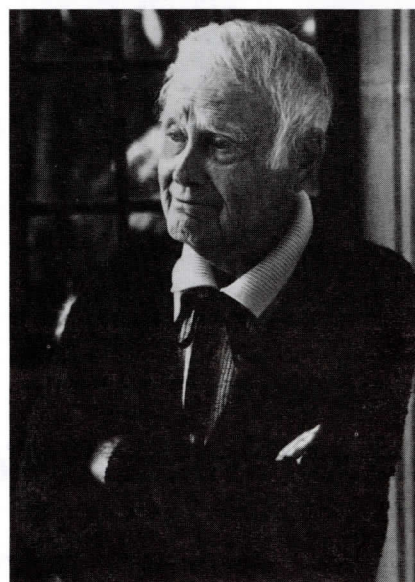
"Everyone was issued a carbine, but I refused to take mine," Ayres says. "I asked my commanding officer if I could address the men, and I got up in front of the entire contingent. I told the men it was a tradition that medics didn't carry a weapon and urged them not to, either."

His fellow soldiers listened intently to his impassioned speech, then marched off to target practice.

"I guess he knew it wouldn't do any good," Ayres says of his commanding officer's decision to let him speak.

On this particular morning in the Meadow Brook Hall library, 40-some years after the two met, Ayres and Eklund chatted before Ayres went off to prepare for his evening lecture on Olivier.

The ballroom audience of 70 persons heard Ayres at his humble best. He could have described Olivier as a close friend and



Lew Ayres

confidant — who would have known otherwise? — but instead related that he and Olivier had little in common other than their craft.

Ayres spoke of Olivier in reverent terms, calling him someone who was "out of my reach" because of Olivier's sophistication and education. He described Olivier as a genius who "was able to put humanity where no one else saw it" and as someone who "gave us a point of view we never had before."

Throughout his talk, Ayres revealed personal glimpses of the film industry and actors and actresses he has worked with during the past 60 years. He also revealed much about himself, telling some inside stories without overplaying his own role in them.

He fit Eklund's description of a modest man who deflects praise from himself.

Ayres, by his own account, is someone who stays active because he wants to stimulate his mind. In December, he will celebrate his 81st birthday, but the event will not be a retirement party, too.

"I'm 80 and I keep going," he says, in his plain-folks, unassuming style. "My motto is 'never retire.' That's what life is like, you keep learning."

— By Jay Jackson▼

Tepley Contributes to Migraine Research

Physics Professor Norman Tepley and members of the Henry Ford Hospital-OU Neuromagnetism group presented two papers that will contribute to the understanding of migraine headaches.

The researchers presented papers on the observation of Spreading Cortical Depression in migraine headache at the seventh International Conference on Biomagnetism held at New York University. SCD is a phenomenon long known from animal studies and suspected by many neuroscientists of being involved in migraine headache in humans.

"A small region of cortex, stimulated either electrically, chemically or mechanically, first becomes highly excited, then severely depressed," says Tepley, who is scientific director of the hospital's Neuromagnetism Laboratory. "The region of depressed activity then spreads very slowly (typically three millimeters per minute in all species studied) like waves on a pond."

Cardimen Takes Tech Park Message to Asia

A delegate from Oakland University joined representatives from science park organizations in Asia, Europe and the United States at a meeting in Japan to discuss development of technology parks.

Frank P. Cardimen, Jr., interim vice president for university extension and public service, represented Oakland University and the Oakland Technology Park. Eight of the 22 tech parks represented at the meeting were from the United States.

The meeting was arranged by Science Center International Corp., a joint venture between the Kyoto Research Park and the University City Science Center in Philadelphia. Conference participants discussed *The Next Generation of Research Parks in the Great Triad Market*.

Those in attendance agreed to create an international consortium to promote business transactions, mutual marketing and technology transfer among the members.

A letter of intent describes the consortium's plan to promote business activities among its members by establishing a reciprocal system for increasing international business opportunities for consortium members.

The members have also agreed to share in-

"In animal experiments, first done in the early 1940s, SCD could be measured with electrodes placed directly on the cortex. However, until neuromagnetic measurements became feasible, there was no way to observe its possible spontaneous occurrence in humans."

Tepley's group reported magnetic signals consistent with the interpretation of SCD measured outside the heads of a number of migraine patients, usually during headache, but also occasionally when the patients were asymptomatic. No similar signals were observed in a number of migraine-free control subjects.

Tepley says that because of widespread interest in these results, a special session on the measurement of SCD and other very slowly varying neuromagnetic phenomena was added to the conference with Tepley as one of four invited participants.▼

formation on the strengths of their respective regions, including economic and other incentives for location of facilities in their regions and current information on foreign investment there. They also agreed to help their high-technology companies expand to foreign markets and develop a technology transfer program through the consortium.▼

Student Writers Pick Up Tips from Pros

A senior majoring in systems engineering was one of two students allowed to attend workshops and a luncheon at the 28th annual Writers' Conference as guests of the sponsors.

The October 20-21 conference, sponsored by the Division of Continuing Education and the Detroit Women Writers, brought professional writers and editors to campus for workshops with 430 participants.

Christopher R. Beadle of Oakland and Marjorie F. LaPointe, a St. Mary's College student, received the Mary Kay Davis Award. The award was established in memory of a DWW member and is given to university seniors and graduate students.

Beadle says he has always been interested in

writing, especially science fiction, fantasy and mystery. "It is one of my goals to combine my interest in the sciences with my love of writing in some medium more satisfying than just lab reports."

Beadle attributes his love of writing to his sister Cathy, an OU graduate in communications, and to Helen Woodman, who was his Rhetoric 101 instructor in 1985. Woodman taught him how to effectively communicate — how to get in touch with the emotional side of the reader when writing, he says.

The senior also credits his OU engineering professors who taught him how to be concise in writing lab reports.▼



Campus Picasso

Jesse Sustaita of Campus Facilities and Operations puts a coat of paint on the temporary wooden supports holding up the portico between North and South Foundation halls. The flat roof has sagged a bit, probably because of aging and the weight of standing water, says Nainan Desai, director of plant engineering and facilities planning. A permanent solution is being worked out.



'Company' includes Karla Molly, Amy Gore, Guy Sferlazza and Demeasa Heard in main roles.

'Company' is Coming and You're Invited

Some *Company* is coming for the weekend. Stephen Sondheim's musical hit will be at the Center for the Arts in November.

Company is about New York's most eligible bachelor and his married and single friends. The play won Tony Awards for best musical, best score and lyrics, and best book, and the Drama Critics' Circle Award. *Time* magazine called *Company* "a landmark," and the *New York Daily News* said "brilliance is all over this show."

The Oakland production features Guy Sferlazza of Rochester Hills as Robert, the man who wants to get married but is gun-shy after

sizing up the imperfections in the marriages of his friends.

Others in the 17-member cast include Jodi Overman as Sarah, Michael Chowning as Harry, Catherine Blood and Allayna Claussen as Susan, and M.J. Hoffman and Allen Verschure as Peter.

Performances will be at 8 p.m. November 3-4, 10-11 and 17-18 and at 2 p.m. November 5, 12 and 19 in the Varner Studio Theatre. Tickets are \$8 general admission, \$4 for senior citizens and students, and \$3 for OU students.

Call the Center for the Arts box office at 370-3013 from 11 a.m.-5 p.m. weekdays.▼

Packed Pavilion Audience Gazes into Future of Education

An Educational Futures Conference sponsored by Rochester schools drew a standing-room-only crowd to the Shotwell-Gustafson Pavilion.

The October 17 conference gave concerned employees and citizens a chance to consider the future of the Rochester Community Schools.

University officials say 1,100 chairs set up for the program were filled and a number of conference attendees lined the pavilion's back wall.

OU was more than just an interested bystander in the conference, which will be followed by community forums on November 14 and December 7.

Isaac Eliezer, associate dean of the College of Arts and Sciences, is a member of the Rochester Steering Committee. An education specialists team from the School of Human and Educational Services assisted in laying the groundwork for the community effort.

The afternoon program included a look at strategic planning activities by John Schultz, superintendent of Rochester Community Schools. Consultants talked about how educators can be more effective in a complex society and about alternative approaches in teaching and learning.▼

Fall Enrollment Up 131 in Headcount

Oakland University's fall enrollment is 12,385 full- and part-time students, an increase of 131 in headcount from fall 1988.

The university registered increases in sophomore and junior populations mostly because of larger numbers of transfer students this fall, particularly from Oakland Community College.

University officials said there was also a slight increase in doctoral and specialist programs. Enrollment for first-year students, seniors and master's level students showed slight declines.

The enrollment puts OU well on the track for the 9,200 fiscal year equated student level on which the current budget is based. FYES is determined by taking total credits delivered in undergraduate and graduate programs over a year and then dividing by an "average" yearly credit load.

Oakland County continues to provide the bulk of OU students. More than 6,000 students come from Oakland County and just over 3,600 students come from Macomb County. The university also enrolls just over 600 students from the tri-county area of Genesee, Lapeer and St. Clair.▼

Budget

(Continued from page 1)

supplemental tutorial program within the Academic Skills Program, an instruction model initiated at the University of Missouri-Kansas City. The model has gained national acclaim because it targets high-risk classes for academic support instead of the traditional individual tutorials for high-risk students. Another aid to retention is a Pre-Cooperative Education Program to give students early exposure to employment in their desired field and provide additional incentives to remain in school.

The new budget asks for a \$38,726,000 state appropriation, an increase of \$5,319,000 over 1989-90. No increase in tuition and fee charges or any significant increases in other institutional revenues have been incorporated in the budget request.▼

Employee of the Month

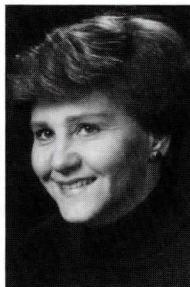
Carol Cobble, office assistant I in the School of Business Administration, was selected for the Employee Recognition Award for October.

Cobble has been an OU employee since August 1983 and in her present classification since July 1986.

In selecting Cobble, the review committee relied on such nominating statements as:

• "Carol handles all aspects of her job exceedingly well and always goes the extra step."

• "Carol's most outstanding attribute is the way she handles the many students in SBA on a daily basis. Her sincerity, concern, helpfulness



Cobble

and patience with them never falter, even under the most trying conditions."

• "Ms. Cobble enhances the reputation of the SBA and the university, as well with her professionalism and attitude toward students."

• "She has positive working relationships with everyone — and her dedication is exceptional. She is truly an exemplary employee and makes life a whole lot easier for everyone — she is that dependable."

Employee recognition award nomination forms are available in all departments, CIPO and ERD. For more information contact Larry Sanders at 370-3480.

OU External Funding Tops \$6 Million in 1988-89; Research Exceeds \$4 Million

Oakland received \$6,075,354 in external support for academic, student and university programs during fiscal 1988-89.

Sixty-seven percent of that funding, or \$4,081,303, came in support of research.

The annual report from the Office of Research and Academic Development shows total external support down 6 percent from last year and research money down 7.8 percent from a year ago.

The \$6,075,354 represents the first decrease in total external funding since 1982. OU officials cite loss of faculty with funded research grants and a lapse in funding for some faculty members who had been funded in recent years.

Hiring of new faculty members and an increase in grant proposal activity should alleviate what is viewed as a temporary slowdown in grant support.

Total external funding comes from the institutes of the National Institutes of Health, 40 percent; state and local agencies and founda-

tions, 24 percent; business and industry, 13 percent; other federal agencies, 12 percent; National Science Foundation, 7 percent; and hospitals and other universities, 4 percent.

By academic program, funding was: College of Arts and Sciences, \$1,741,795; Eye Research Institute, \$1,719,136; School of Business Administration, \$79,240; School of Engineering and Computer Science, \$356,609; School of Health Sciences, \$16,000; School of Human and Educational Services, \$314,889; and School of Nursing, \$5,000.

Student program funding came to \$996,367 from CIPO, \$83,241; Office of Placement and Career Services, \$403,583; Office of Special Programs, \$214,442; and Upward Bound, \$295,101.

Rounding out the list was university program funding with \$500,000 for research and development support; \$289,519 for artistic programs; and \$56,799 for biomedical research support.▼

A Compassionate Look at 'The Boys Next Door' at Meadow Brook

The Boys Next Door, the off-Broadway hit by Tom Griffin, will have its Michigan premiere at Meadow Brook Theatre on November 2.

The play deals compassionately and humorously with the mentally handicapped and their place in society. It runs through November 26.

Principal characters are four men living together in an apartment in a New England city. Supervised by a social worker, the roommates

cope with their home and work life in various ways and with various degrees of success.

Fat, good-natured Norman works in a donut shop, compulsively eats donuts and jangles his proudest possession, a bunch of keys. He meets childlike Sheila at one of their dances and a romance begins. Arnold has a job cleaning a movie theatre, likes to use big words — often incorrectly — and assess people's "behavior patterns." Barry is schizophrenic, convinced he

is a golf pro. He seems almost normal until his alcoholic father visits, reducing him to helpless silence and sending him to the hospital. The audience is allowed to see Lucien, the most retarded of the group, as if he were a normal middle-aged man telling how it feels to have the mind of a confused child.

For ticket information and performance times, call the Meadow Brook box office at 370-3300.▼

Events

CULTURAL

Until October 29 — *Diary of a Scoundrel* is at Meadow Brook Theatre. Admission. Call 370-3300 for dates and times.

October 27 — Michael Naylor and the Motor City Samba, 8 p.m., Varner Recital Hall. Sponsored by the Center for the Arts. Admission. Call 370-3013.

October 29 — *Romantic Duos* recital with violinist Sharon Stanis, pianist Michael Parker and double bassist Deborah Dunham, 3 p.m., Varner Recital Hall. Admission. Call 370-3013.

November 2-26 — *The Boys Next Door* at Meadow Brook Theatre. Admission. Call 370-3300 for dates and times.

November 4 — Multi-media improvisation workshop with clinician Edward Sarath of the University of Michigan, 1-4 p.m., Varner Recital Hall. Free. Call 370-2030.

November 4 — Wind Ensemble Concert with guest soloist Edward Sarath of the University of Michigan, 8 p.m., Varner Recital Hall. Free. Call 370-2030.

November 8 — Afram Jazz Ensemble concert, 8 p.m., Varner Recital Hall. Free. Call 370-3013.

November 12 — Lafayette String Quartet concert, 3 p.m., Varner Recital Hall. Sponsored by the Center for the Arts. Admission. Call 370-3013.

November 13 — Concerts-for-Youth Series with Kitty Donohoe, 10 a.m., Varner Recital Hall. Admission. Sponsored by Center for the Arts and Oakland Schools. Call 370-3013.

November 16 — Oakland Choral concert, *Music Then and Now*, 8 p.m., Varner Recital Hall. Admission. Call 370-3013.

ETCETERA

November 1 — Women of Oakland University Brown Bag Luncheon Series, *CPR for Infants and Toddlers*, with Micki Juip of St. Joseph Mercy Hospital, noon-1 p.m., 128-130 Oakland Center. Call 370-2370.

November 2 — Mainstage rock show with Caruso, 8 p.m., Oakland Center Crockery. Free. Call 370-2020.

November 7 — Seminar, *Stress and Medicine, Part I: What You Should Know as a Health Care Consumer*, with Dr. Timothy Ismond of the Meadow Brook Health Enhancement Institute, 9 a.m.-noon, Oakland Center Gold Room B. Free. Register by October 30 with Employment and Staff Development, 140 NFH. Call 370-3480.

November 7 — Academic Edge Toastmasters, 11:30 a.m.-1 p.m., 225 Hannah. Brown-bagging permitted. Guests welcome.

November 8 — Women of Oakland University Brown Bag Luncheon Series, *Scarf Tying*, with Peg Churchill Treacy, noon-1 p.m., 128-130 Oakland Center. Call 370-2370.

November 8 — Kresge Library dedication ceremony, 1:30 p.m., library front steps. Free.

November 8 — Lecture, *Student Dissent: What Can We Learn from the '60s?* with Associate Professor Gary Shepherd, sociology, and David Herman, dean of students, noon, Oakland Center Gold Room A. Sponsored by Catholic Campus Ministry, Jewish Students Organization, United Ministry in Higher Education and Honors College.

November 9 — CIPO Faculty Chefs Series with Leonardas Gerulaitis preparing Thieves' Stew, noon, Oakland Center Lounge II. Free. Call 370-2020.

November 9 — William G. Hammerle Memorial Lecture, *The Process of Design by Technology and Nature* with Paul MacCready, the "father of human-powered flight," 3:30 p.m., 201 Dodge Hall. Free. Call 370-2217.

November 20 — Lecture, *People of the Silk Road: China's Kazak and Uighur Nationalities*, with Professor Linda Benson, history, 7:30 p.m., Oakland Center East Crockery. Free. Call 370-3510.

COURSES

The Division of Continuing Education has begun its *Educational Voyage Series*, including *Classics of Western Tradition* and *Enigma of Genius* programs. Call 370-3120 for a brochure. Reduced fees for employees available; some persons may be eligible for career development funds.

Meadow Brook Health Enhancement Institute offers an exercise-education program for adults with insulin- and noninsulin-dependent diabetes. The program focuses on strategies for life enhancement. Interested persons will learn about exercise, nutrition and self-care measures, and may participate in three medically supervised exercise sessions per week. Call 370-3198.

ATHLETICS

October 28 — Men's soccer with Lewis University, 2 p.m., Lepley Sports Center.

November 1 — Men's soccer with Central Michigan University, 3 p.m., Lepley Sports Center.

November 4 — Women's volleyball with Lake Superior State University, 1 p.m., Lepley Sports Center.

November 7 — Women's volleyball with University of Michigan-Dearborn, 7:30 p.m., Lepley Sports Center.

November 10 — Women's volleyball with Ferris State University, 7:30 p.m., Lepley Sports Center.

FILMS

October 27-28 — *Pet Semetary*, 7 and 9:30 p.m. Friday and 3 p.m. Saturday, 201 Dodge Hall. Admission.

October 28 — *Faster Pussycat, Kill! Kill!* 7 p.m., 201 Dodge Hall. Admission.

November 3-4 — *Working Girl*, 7 and 9:30 p.m. Friday and 3 p.m. Saturday, 201 Dodge Hall. Admission.

November 4 — *Throne of Blood*, 7 p.m., 201 Dodge Hall. Admission.

November 10-11 — *Twins*, 7 and 9:30 p.m. Friday and 3 p.m. Saturday, 201 Dodge Hall. Admission.

November 11 — *The Collector*, 7 p.m., 201 Dodge Hall. Admission.

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