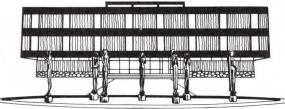
# Nonprofit Org US Postage PAID Rochester, MI Permit No. 17

# OAKLAND UNIVERSITY



**NEWS** 

May 9, 1986

A publication for faculty, staff and friends

# Cooperation

# **Educators Urged to Share**

Educators must make a greater effort to reform the nation's school system if real changes are to occur.

That view, held by former U.S. Commissioner of Education Ernest Boyer, was delivered to an Oakland Center audience of OU administrators and faculty and representatives of local school districts from the region. Boyer is now president of the Carnegie Foundation for the Advancement of Teaching.

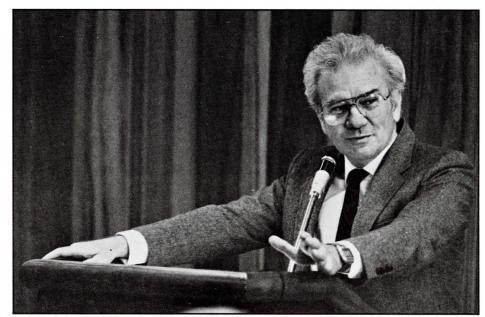
Until now, Boyer said, the reform movement has been led by state and federal legislators. Rather than allow the government to set all education standards, Boyer said, school officials should step in and offer their ideas.

One means of accomplishing stronger schools, Boyer said, is to have closer ties

between school teachers and college professors. He suggested that collaboratives be established in that regard. OU is involved in five of them and works with area school districts on issues of common concern.

Gerald Pine, dean of the School of Human and Educational Services, said, "His speech was excellent. He focused on some critical issues." Pine agreed that legislators have spurred reforms, but noted that many of their initiatives were formed by persons working in education.

OU is also working to strengthen teacher education through a five-year teacher training program. Students entering the School of Human and Educational Services for the teacher training programs must also meet more rigid standards than in the past.



Ernest Boyer urges cooperation among educators.

# Surprises in Store for Financial Aid Students

One day this summer, just when everything seems peaceful, students will begin calling the Office of Financial Aid. Topic number one will be reduced payments for the 1986-87 academic year. Topic number two will be finding out if anything can be done to change them.

Director Lee Anderson knows now that if the Supreme Court upholds the Gramm-Rudman-Hollings Act, some students who paid little attention to the budget-reduction law will suddenly want to know about it in detail.

The federal budget cuts mandated by Gramm-Rudman will land squarely on the wallets of many financial aid recipients at OU. Anderson says his office has already projected who will be affected. If, however, the Supreme Court overturns Gramm-Rudman, all new calculations may be necessary.

"For example, one of the areas that will be affected is the College Work Study Program," Anderson said. "Our tentative allocation of funds for next year in work study is about \$12,000 less for 1986-87 than it was for last year. That's the result of the mandated cuts by Gramm-Rudman-Hollings. That will cost us about 24 or 25 work-study positions and that's a reduction of about 8 percent of last year's work-study positions. The total loss there is closer to \$20,000 because we

match the fed's contribution with our own institutional contribution. We would match \$12,000 of federal money with about \$8,000 of our own money.

Our Pell Grant program has two aspects to that cut. Gramm-Rudman-Hollings is one. That will be cutting about \$154 million out of the program (nationally) and there's also a projected funding shortfall in the program that because of GRH, is not likely to be made up from any supplemental appropriations because they're already cutting money out of the program. The impact there is two-fold. We project that we will have about 190 students cut out of the Pell Grant program completely because of those reductions and about another 300 students who will receive reductions in their grants. The total dollar loss to our students in Pell Grant money will be around \$214,000 to \$215,000 for 1986-87."

The total financial aid reduction to OU students in those programs is about 20 percent.

"Those are the figures we have at this point. Beyond that, it's difficult to tell much else that might happen," Anderson said.

For 1987-88, "a potential bigger problem" is projected, Anderson added, although concrete figures are not available.

Students will get award letters for their grants in June. "Students are getting messages on their Pell Grants," Anderson

said. "The message is for students in a certain range of eligibility. They're getting a message to the effect that based on your index number you are eligible to receive a Pell Grant. However, due to limitations in federal funding, you are not eligible to receive the grant this year. On the one hand they're saying you're eligible, but on the

other they're saying but because there isn't enough funding, you're not going to get a grant."

Students will probably want to know about other sources of funding that Anderson's office administrates, and information about student aid provided by OU through the general fund. The state also has a scholar-(Continued on page 2)

### **MB Festival Outlines Season**

The sounds, if not the feel, of summer will be in the air at Meadow Brook Music Festival in just over a month from now. The performers range from symphonies to pop musicians, and include such names as Liberace, Jean-Pierre Rampal, Frankie Avalon and Lou Rawls.

This year the symphonic series includes such major conductors as Zubin Mehta and Leonard Bernstein.

The pop concerts get under way with Mitzi Gaynor on June 18 and the Detroit Symphony Orchestra will begin its Tuesday-Sunday concerts on June 19. Special concerts for children and a solid gold music series are also available. All concerts will begin at 8 p.m. Ticket information is available by calling the box office at 377-2010. Schedules are subject to change and patrons are urged to watch for later

include Eugenia Zukerman, Ida Kavafian,

Mavis Martin, Ruth Laredo and Emanuel

Ax. Notables in the audience will be

Oscar de la Renta, Jerome Robbins,

Hollingsworth has been invited to

continues to be heard internationally.

American premiere of the professor's

Concerto for Piano and Orchestra in

attend a dinner in Menotti's honor follow-

Flavio Varani of the Department of Music,

Theatre and Dance performed the South

The music composed by Hollingsworth

Avery Fisher and Alice Tully.

ing the concert.

announcements.

The DSO concert schedule is as follows: June 19 — Gunther Herbig will conduct Itzhak Perlman, violinist; Sheila Armstrong, soprano; Alfreda Hodgson, mezzo-soprano; Dennis Bailey, tenor; and Tom Krause, baritone. Music by Mendelssohn and Beethoven.

June 22 — Herbig will conduct Malcolm Frager, pianist; Armstrong, Hodgson, Bailey and Krause in music by Mozart and Beethoven.

June 26 — Herbig will conduct pianist Marc-Andre Hamelin in a world premiere of Ellen Taafe Zwilich's *Piano Concerto*.

June 29 — Pianist Sergei Edelmann will perform with Herbig in a program by Beethoven.

July 3 and 6 — Conductor David Zinman will lead pianist David Golub in music by Schuman, Gershwin, Ives and Copland. A fireworks display is included.

July 10 and 13 — Conductor Julius Rudel and soprano Elly Ameling will perform music by Schubert, Mozart and Strauss.

July 17 — Jiri Belohlavek will conduct violinist Ernst Kovacic in music by Dvorak.
July 20 — Belohlavek and pianist Rudolf Firkusny will perform music by Dvorak.

July 24 — Conductor Theo Alcantara will appear with guitarist Christopher Parkening and mezzo-soprano Kathleen Segar in music by Turina, Rodrigo and Falla.

July 27 — Alcantara, Segar and pianist Natalie Hinderas will perform music by Turina, Ginastera and Falla.

July 31 and August 3 — Conductor Paavo Berglund and violinist Viktoria Mullova will perform music by Grieg and Sibelius. August 7 — Daniel Nazareth will conduct

violinist Gordon Staples in music by Tchaikovsky and Stravinsky.

August 10 — Pianist Jose Feghali will

appear with Nazareth to perform music by Tchaikovsky and Stravinsky. August 28 — Zubin Mehta will conduct the Israel Philharmonic in music by Beethoven

and Tchaikovsky.
A special symphonic concert is slated for August 13 with the New York Philharmonic. Leonard Bernstein will conduct violinist Glenn Dicterow in music by Bernstein and

Tchaikovsky.

**Professor Invited to Menotti Celebration** 



Stanley Hollingsworth will hear his music at a special Lincoln Center concert.

Composer-in-residence Stanley Hollingsworth has been invited to New York for the concert celebration of Gian Carlo Menotti's 75th birthday. The Young Concert Artists 25th Anniversary Gala Benefit will be June 10 in the Alice Tully Hall of Lincoln Center.

Hollingsworth studied under Menotti and was his assistant composer at the Curtis Institute of Music. The professor orchestrated the last song from the Menotti song cycle, Canti della Lontananza, which roughly translated is Songs from the Distance. The words and music of the cycle for voice and piano were originally written for and dedicated to Elizabeth Schwartzkopf. The music was performed for the first time on March 18, 1967 in New York City.

The song Hollingsworth orchestrated was Rassegnazione (resignation) as a surprise offering to his former teacher, Menotti. The orchestration calls for a full string orchestra.

This piece to be performed by Metropolitan Opera soprano Marvis Martin and the Y Chamber Symphony will be the high point of the tribute to Menotti. Renowned performers on the program

Venezuela and Brazil this past November. This fall, Hollingsworth will be on a half sabbatical to write a violin concerto and next season the Center for the Arts will present its 1986-87 Center Stage Series premiere of his *Trilogy of One-act Operas*.

At OU, Hollingsworth teaches composition, counterpoint, theory, arranging and orchestration. He has had numerous honors during his career, including the prestigious Prix de Rome (fellow of the American Academy in Rome), a Guggenheim fellowship for three years and two grants from the National Endowment for the Arts.

### Our People

Submit your items to the News Service, 109 NFH. Brevity is encouraged and appreciated.

 Faculty members instructing in the traditional CPA weekends from May 16-18 and June 6-8, sponsored by the Division of Continuing Education and the School of Business Administration, include: Ronald L. Tracy, Bruce Himrod, Alan Reinstein, Harold Hotelling, J. Austin Murphy, Maureen H. Smith, Margit A. Jackson, Barbara Kiwicz and Robert T. Kleiman, all economics and management; Jacqueline R. Scherer, sociology and anthropology; Sharon L. Howell, communications; and Fred W. Stransky, health enhancement programs.

David D. Sidaway, economics and management, is coordinating and instructing in the program which offers up to 40 continuing professional education hours toward July 1 relicensure.

 Donald E. Morse, rhetoric, communications and journalism, presented a seminar on Talking, Writing, and Dying: Learning to Think, for the Future's Conference at Oakland Community College. The conference was convened and led by OCC Chancellor R. Steven Nicholson for faculty members interested in exploring new ideas and new research. Morse's article, Collaboration, Staff Development Cooperation: Hidden Benefits of Teaching Thinking, appears in the current issue of Human Intelligence international newsletter.

 Keith E. Stanovich, psychology, wrote Children's Word Recognition in Context: Spreading Activation, Expectancy, and Modularity for the publication, Child Development. Co-authors were Ruth G. Nathan, psychology, Richard F. West of James Madison University, and alumna Marilyn Vala-Rossi

 Ranald D. Hansen, psychology, wrote Discounting and Augmenting Facilitative and Inhibitory Forces: The Winner Takes Almost All, for the Journal of Personality and Social Psychology. The co-author was Christine A. Hall of Michigan State University.

· John Cutts, English, wrote Spenser, Shakespeare, and the 'Bloody Babe' for Neuphilologische Mitteilungen.

 David Daniels, music, attended the American premiere of Alessandro Stradella's oratorio, San Giovanni Battista, in New York City. Daniels had prepared the modern edition of this nearly forgotten 17th century work. One reviewer termed "this marvelous score one of the richest and most expressive examples of bel canto vocal style from the middle Baroque period.'

 Jane D. Eberwein, English, was a featured participant at Emily Dickinson: A Centennial Conference, sponsored by the University of North Carolina at Chapel Hill. She read a paper, Saying 'What?' to Emily Dickinson: Some Reflections on Reading, and led discussions of several poems.

• Robert Eberwein, English, read a paper at the Society for Cinema Studies meeting in New Orleans: Parody in 'Kiss of the Spider Woman.'

• Peter Evarts, English, read papers on the identification of the works of the 14th century minstrel poet Thomas Chestre. The first was read for the Medieval Studies Section of the Michigan Academy of Arts, Sciences and Letters at the annual meeting held at Central Michigan University. The second, Was Thomas Chestre a Minstrel?, was read for the annual meeting of the Popular Culture Association in Atlanta.

 Gerald Pine, SHES, wrote Mental Health Procedures: A Continuing Client Centered Reaction for The Person Centered Review. His article, Tearing Down the Walls: Collaboration for Educational Excellence and Equity, appeared in SPECTRUM. The coauthor was Bill Keane. Pine wrote Organizing Principles of a Principals Center for Reflections. His article, Collaborative Action Research in the Middle School, has been accepted for publication in The Middle School Journal. Another paper, Cultural and Individual Work Values co-authored by Gail Innis, has been accepted for The Vocational Guidance Quarterly.



Steve Harris of Symbolics, a computer software firm, shows R. Jakubowski of the Polish Academy of Sciences the latest equipment. Photo by Sharon LeMieux.

# Future of Robotics Rosy

The fourth annual Conference on Intelligent Systems and Machines had a mix of international scholars with international guests coming from Canada, India and Poland.

The event April 29-30 in O'Dowd Hall attracted nearly 100 representatives of business, industry and education who are interested in machine vision and artificial intelligence. Presenters during the daily workshops included faculty members from OU and universities throughout the United States, plus Canada, India and Poland. Eric Mittelstadt, president and chief executive officer of GMF Robotics of Troy, delivered the opening address April 29.

GMF, which is building a research facility in the Oakland Technology Park, is recognized as a leader in robotics. Mittelstadt told his audience that an indication of the tremendous growth in robotics was a Chicago exposition for manufacturers. At the first expo in 1976, 13 exhibitors and 2,000 visitors were recorded. This year, he said, there were 225 exhibitors and over 17,000

'One of the facts that stood out this year was the emphasis almost everybody was putting on next year and the years following suggesting that their visible displays were but a sample drawn from capabilities having more to do with the future than the present so many companies doing their best to create an image of themselves that said, in effect, 'We can be trusted in the world of tomorrow, because we are growing the technology of that world right now.' Preferably, of course, doing a little thinking before they start to talk back."

Robotics involves more than just machines capable of repetitive assignments. "Think of us as purveyors of systems that perform complete sequences of work; think of us as creative technologists who will help generate a race of robots that can see. hear, touch, move about, talk back, and do a little thinking," the executive said.

The trend in robotics is toward creating a

total factory-automation industry. Mittelstadt said. Much of that depends on developing machine-vision systems.

Mittelstadt later added that "the redefinition of the robot, as an automated worker in an industrial environment, is at hand." An early definition of a robot, Mittelstadt said, included being able to move material, parts. tools or specialized devices through programmable motions. Robots in the future must be able to virtually see and think, he added.

The importance of robotics to industries is in productivity rates. Mittelstadt noted "that while the productivity rates for the manufacturing industries as a whole dropped to a 2.7 percent growth factor in 1985, one major automotive maker reported a productivity gain of 59 percent in 1979, and another reported an improvement of more than 30 percent since 1981; although the third major player would not comment directly on productivity issues, as a matter of policy, there could hardly be any doubt that its productivity was up." Also contributing to the increases, he noted, were capital investment and improved labor relations.

The conference was sponsored by the Center for Robotics and Advanced Automation at OU and the Society for Machine Intel-

### Health Center Has Free Pressure Tests

Graham Health Center is offering free blood-pressure tests throughout May, which is National High Blood Pressure Month.

"It is very important for everyone to have their blood pressure checked every year since hypertension often has no reliable symptoms, and complications can result without treatment," said Carol Linington, health center coordinator and nurse.

"GHC is happy to offer this service for early detection and prompt treatment or referral of 'at-risk' individuals."

### Funding Opportunities

The Office of Research and Academic Development provides details about the following sources of external funds. For information, call 370-3222 or visit 370 SFH. Unless noted, the due dates for proposals are unknown.

Department of Health and Human Services

Runaway and homeless youth center grant, June 1.

Center for Disease Control

Occupational safety and health in the area of engineering control systems, June 1 and October 1.

#### **National Science Foundation**

Dissertation in biotic systems and resources, October 1.

Milbank Memorial Fund

Public health problems of migrant farm workers, May and October.

Michigan Council for the Arts

Mini-grants, June 20.

**Michigan Department of Commerce** 

Prototype development and demonstration of innovative emerging technology products or processes (e.g., biomedical technologies or advanced manufacturing technologies).

### **News Notes**

### Alumni Award Slated

All members of the university community are invited to submit nominations for the annual Distinguished Alumni Service Award to be presented at the fall commencement ceremony.

The letter of nomination should contain sufficient supporting statements to permit an initial review of the nominee.

The award recognizes individual graduates who have demonstrated one of the following: continued exceptional service to the university and its alumni association over a period of years; achievement of excellence in the planning and implementation of a special project that has singular impact on the development of the university or the Alumni Association.

Nominations should be submitted by August 1 to the Alumni Relations Office, 266

### The Oakland University News is published every other Friday

during the fall and winter semesters and monthly from June August, Editorial offices are at the News Service, 109 North Foundation Hall, Oakland University, Rochester, MI 48063. The telephone is 370-3180. Copy deadline is noon Friday of the week

- preceding the publication date. James Llewellyn, senior editor and news director.
  Jay Jackson, staff writer.
- · Ann Straky, photographer

### Order for MOT

Marion Bunt and Pat Nicosia will soon negotiate with the Michigan Opera Theatre for a block of 1986-87 season tickets. Last year, 50 faculty and staff members and friends participated in the block and were able to obtain excellent seats at half the regular price of the ticket.

This year there will be six operas, including such favorites as Madame Butterfly, Tosca, Porgy & Bess and the musical My Fair Lady.

If you are interested, call Bunt at 370-2244 or Nicosia at 370-2370 by the end of May. The three fall operas will be on Sunday evenings and the spring operas will be on Wednesday or Saturday. As a season ticket holder you may exchange your tickets if conflicts in dates arise.

### Job Listings

The Employee Relations Department provides full details about the job postings listed below. For details, call 370-3480 or visit 140

- Coordinator of special projects, AP-6, University Relations.
- · Circulation manager, AP-5, Kresge

### Surprises

(Continued from page 1)

ship program, but it is competitive.

Anderson notes that although federal support for student financial aid has remained fairly stable over the past five years, it has declined in actual dollars because of inflation. "Even in the last few years when inflation has been down, there hasn't been any noticeable new money."

Grants are not the only area that will feel the cutbacks. The National Direct Student Loan Program and the Guaranteed Student Loan Program are also feeling the effects.

In the guaranteed program, new legislation signed April 7 makes revisions that may dry up some sources of student loans. The guaranteed program is administered by commercial lenders and they may not wish to participate if the cost to them rises significantly.

"The test for us is going to be to see if we can find some other avenues or other types of resources to make available to our students, to perhaps make up some of the loss that we're going to experience through cuts in the other programs. I think that's going to be the real test for us in the next year or two, particularly if there isn't anything done to restore some of the money that's cut out of the programs. I think we're going to have to take a real active role in finding other avenues of assistance for our students who show financial need. That's going to be the real challenge of the next couple of years,"

Anderson said. Student leaders have organized campaigns to write to Congress members. The public hearing that was sponsored by Upward Bound to air views on Gramm-Rudman was another such effort.

# Instructor Sets Sights on Gold in Moscow

One thing soprano Edith Diggory will remember about the Eighth International Tchaikovsky Competition for Piano, Violin, Cello and Voice is that entering it is almost as hard as winning.

The part-time lecturer and applied voice instructor in the Department of Music, Theatre and Dance has mastered getting accepted, now it will be up to the judges starting June 19 to determine if she will come home with a gold, silver or bronze medal and a pocketful of rubles. Diggory will compete with vocalists from around the world.

"It took about nine months, six letters and 17 phone calls to the Consulate just to get an application form, and then when they sent them, they sent three," Diggory recalls, a bit amused at the process. Perhaps that was the Soviet way of weeding out the pretenders from the serious competitors. No matter, the selection committee was amply impressed by the vocalist's list of achievements, which include performing solos with orchestras and chamber groups, singing in operas, giving recitals, and making two recordings. She has also won awards in the Young Concert Artists competition and the Metropolitan Opera district auditions.

The Tchaikovsky competition is held every four years but few Americans win medals. Part of the reason, Diggory says, is the language requirement. "You have to sing in the original language" of the selection, she adds. Diggory is optimistic about her

"My voice is very well suited for the type of music required for this competition," Diggory says. "Different competitions have different repertoire and some competitions lean toward Italian opera, others lean toward German or French repertoire. This is a lot of Russian and something that my voice sounds very good doing. I've taken Russian so I can speak it adequately." She is fluent in French and German and can also read and speak in Italian, Spanish and Latin.

The competition is in three rounds. Diggory will sing some works in Russian, a couple in English and one in Italian. Some pieces are mandatory, others are left to the performer to choose.

In the first round, three pieces will be performed. The second round includes six, performed with piano, and the third requires two arias, done with an orchestra. Diggory will take along accompanist Jeffrey Panko. He will be eligible for a prize in a separate competition for accompanists.

Visiting the Soviet Union — especially so soon after the nuclear accident near Kiev has Diggory a bit skittish. Going with the intention of competing adds a further wrinkle to her considerations.

"I have mixed feelings about it. If I were going merely as a tourist I would have fewer reservations about going. But since I'm going to sing, and apparently I will not have access to all the things I'm used to having access to, I'm a bit apprehensive. For instance, the food, the water, the different climate, the many days of jet lag," Diggory says. Another uncertainty is how long she will have to stay in Moscow. "Apparently the first round takes about two weeks, the second round a week and a half, and the finals about a week. So I might be there as long as five weeks."

One consolation is that expenses are paid once she arrives. Diggory and her accompanist must pay their way to Moscow, but their expenses and return flight are provided. To help them, James Dawson of her department and Carl F. Barnes, Jr., director of the Center for the Arts, have arranged a benefit concert at 8 p.m. May 22 in Varner Recital Hall. Tickets are \$20 in advance and at the door. For information, call 370-3013. The concert will include selections Diggory will perform in Moscow.

'It makes kind of a strange program because the competition was not designed to be one, since there are three rounds over there," Diggory says. She will perform such works as Comescoglio by Mozart, The Willow Song from Otello by Verdi, and selections by

Tchaikovsky and others.

Other performers who have competed in Moscow tell Diggory not to expect much. "Some of them say that you are not treated well, others say you are treated like a diplomat; very close reins. Every three people are assigned an interpreter, both to help you and to keep tabs on you. The living conditions will not be wonderful," she said. One former contestant told her "the competition was not arranged with the interests of the contestants at heart."

Since learning to play the cello when she was nine, until she received her doctorate of music in voice at Indiana University, and now when she performs, Diggory looks to herself as her competitor.

Until she got to college, singing was more a diversion than something to arouse competitive instincts. "It was never something I took seriously before then. I didn't realize how much competition there was and how important it is that everything be just so. I don't really believe in competing with anyone else but myself. Music is not like business or law where you really need to fight to get up on top. Everybody's gift is different, everybody's voice is unique. No two opinions are the same, so I don't feel compelled to try to compete against another singer; just against my own potential, whether I'm fulfilling that or not."

Diggory beams when relaying her feelings about performing. "It's an incredible experience to communicate something to an audience and to have them appreciate what you're doing. I think music can reach people at a level that words cannot."

The native New Yorker did not come from a musical family, but is in one now. Her husband, Glenn Mellow, plays viola with the Detroit Symphony Orchestra, but they have performed together just once. "He gets too nervous when I'm performing so he would rather sit and listen than be on stage with me when he has to think about what he's doing,"

Diggory says the reaction from family members about her trip to Moscow "ranges from absolute horror to mild amusement to enthusiasm. My husband's parents' families were from Russia and they were wiped out during the second World War. When I told them I was going there was silence and then some concern. My father-in-law recently called me up and said, 'Would you like me to come with you, just to watch over you?' which was pretty cute," she laughs. "They were concerned, but they were excited that I'm going once they got over the initial shock. People out of music think it's a highly irregular thing to do, to travel to the Soviet Union for a competition. People in music know that the Tchaikovsky competition is big time. It's important that you go even if it is Moscow."



Soprano Edith Diggory will compete in Moscow next month.

# Register Now for Summer Camps at OU

Forget the calendar, it's already time to think about summer camps.

OU is again offering individualized instruction in arts, academics and athletics for children ages 6-17, depending on the camp.

The popular programs begin in June and continue until August.

The two Arts-for-Youth camps will be from July 7-18 and July 21-August 1 for children in age groups 7-9 and 10-12. Instruction will be provided in art, dance and movement. music, music theatre, and theatre each day from 9 a.m.-3:45 p.m. OU faculty members and instructors from area schools and art centers will teach.

Prior experience and proficiency in the arts are not required. The program will vary significantly from those of previous camps to benefit repeat participants.

At the end of each camp, participants will display their talents at a show in Varner Recital Hall for parents, friends and the public.

The \$180 registration fee includes two daily snack breaks, lunches and two Arts-for-Youth Camp T-shirts. Enrollment is limited and the registration deadline is June 23. A few partial sponsorships are available to qualified applicants.

The four-week Meadow Brook Studies

Program from July 7-August 2 is specially designed for creative students ages 13-17. The program emphasizes a range of theatre experiences: acting, design and construction of sets, costumes, lighting, scoring and performing original background music, publicity design and distribution, and box office management. Participants will study and produce Alice in Wonderland for an August 2 performance in the Studio Theatre.

Participants will also attend one of three daily academic courses: French Connection, about the French language and culture; Movie Magic, an explanation of basic filmmaking techniques; and Star Worlds, about the principles of astronomy.

Participants are expected to be bright, inquisitive, creative and motivated to learn. Each applicant must submit a letter of recommendation from a teacher, counselor or school administrator to be considered. Enrollment is limited and the application deadline is June 23.

The Meadow Brook Studies Program fee is \$280 and includes all classroom materials, lunches and two camp T-shirts. Some partial sponsorships are available.

The Arts-for-Youth camps and the Meadow Brook Studies Program are sponsored by the Center for the Arts and Oakland Schools. For details about either camp, call the Center for the Arts at 370-3018.

The sports camps for boys and girls ages 6-16 will be from June 15-August 1. Last year 925 campers participated, the most ever at OU.

University coaches and others will offer in-

struction in swimming, diving, golf, basketball, soccer and volleyball. Some camps are residential and participants may choose to stay in the residence halls.

At times during the following weeks, these camps will be held:

- June 15-20 Golf, swimming and boys' basketball.
- June 22-27 Swimming and boys
- basketball. June 28-July 3 — Volleyball.
- July 7-11 Diving and boys' basketball
- July 13-18 Golf, team volleyball, swimming mini-camp, soccer mini-camp, and
- July 20-25 and July 27-August 1 Soccer, diving and girls' basketball.

Enrollment is limited, for complete details, call 370-3190.

### Klaits Does it Again

History Associate Professor Joseph Klaits has been awarded a fellowship from the American Council of Learned Societies for the 1987 winter semester.

The grant is for research leading to a book on culture and society in 18th century Alsace. During the fellowship period, Klaits will undertake research in France and Germany, as well as in Washington, D.C.

This is the second major award Klaits has received in recent weeks. He also received a National Endowment for the Humanities award for a Summer Humanities Institute in Washington, D.C. this year.

### **Cooke Manages Internal Audit**

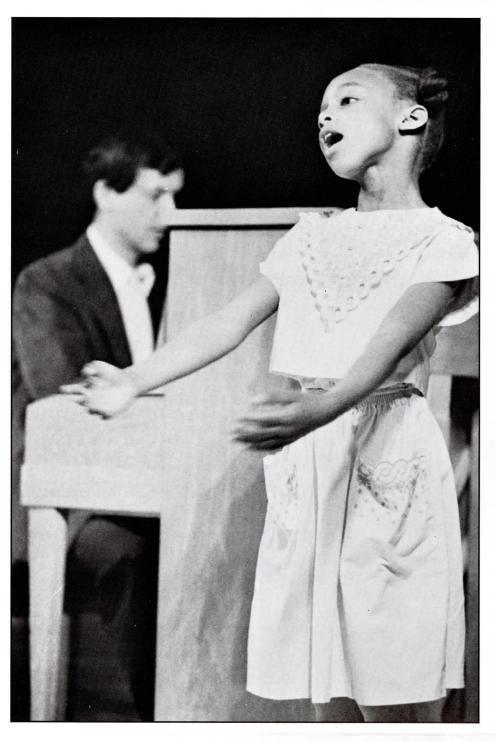
Peggy S. Cooke of Rochester has been named manager of Internal Audit by Robert J. McGarry, vice president for finance and administration.

Cooke, a certified public accountant, comes to OU from the National Bank of Detroit where she was assistant vice president and audit manager. She also has worked for Sears Bank and Trust Co. in Chicago and Peat, Marwick, Mitchell & Co. in Chicago.

The new manager is a graduate of the University of Illinois and is a member of the American Institute of Certified Public Accountants, the Illinois CPA Society and the Bank Administration Institute.

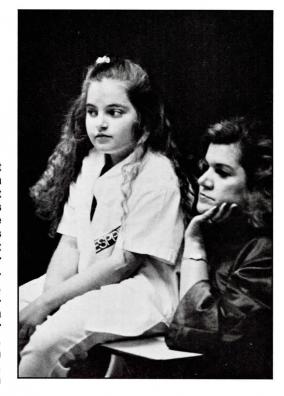


Peggy S. Cooke



# Full Hope

Over 50 children put their best foot forward in an attempt to earn a part in 'Carousel.' The Department of Music, Theatre and Dance has five openings for the musical to be presented in June. The auditions were held May 3 in Varner Hall. At left, Tamara Strong of Rochester gives it her best shot with accompanist David Wilson. At right, Kristen Plater of Troy, who has appeared with the Michigan Opera Theatre in 'Turandot,' waits with her mother Nadira. John Seitz of Troy, below, found time to laugh with Wilson while his sister, Stacey, auditioned. Photos by Sharon LeMieux.





### Genetic Engineering Aids Study

Microbiologist Satish Walia is using genetic engineering to understand how bacteria become resistant to antibiotics.

The researcher has received a grant of \$11,000 from Providence Hospital to study the mechanism of antibiotic resistance, a problem faced by hospitals across the

Strains of bacteria that do not die, even when treated with the most potent new antibiotics, are a major concern to hospital personnel. These bacteria not only live, they can multiply and produce new strains.

Walia works with Dr. Tom Madhavan, chief of infectious diseases at Providence, in attempting to find answers to the problem. Walia looks at the DNA — the building-block molecule in bacteria — to try to determine genetic changes that might occur to produce an enzyme that creates resistance against drugs.

Walia says understanding the mechanisms by which these changes occur will help scientists trace and combat the bacteria. Success will have great economic implications and help reduce dangers from hospital-contracted infections, Walia says.

The professor earlier received another \$3,000 grant from Providence for the first phase of his study. That work was reported in late March at the annual meeting of the American Society for Microbiology in Washington, D.C.

Walia has also been invited to serve on the Environmental Biology Peer Review Panel of the EPA Office of Exploratory Research. The panel meets twice a year to review proposals submitted to the EPA for funding.

# 'Star' Athletes Form Team

A group of faculty members and administrators have formed a softball team which plays at Suburban Softball on Hamlin Road. west of Adams. The team, called The Educators, is sponsored by SAGA, Inc.

Players include Lee Anderson, Jack Wilson, Jerry Brzezinski, Greg Kampe, Dave Herman, Steve Lesser, Ray Gipson, Tom

### **Honors for Headley**

Admissions adviser William Headley got in over his head again - and came up a winner.

Headley placed in two events of the National Masters Indoor Diving Championships in Rochester, Minn., from April 26-28. He won a second-place award in the 3-meter event and a third-place award for the 1-meter dive. Headley competed in the age 40-45 group. Approximately 150 divers competed.

Headley has been in the diving program for two years and often trains at Lepley Sports Center. He qualified for the national competition by winning two second-place awards April 12 in the state 1-meter and 3-meter diving championships.

Vella, George Preisinger, Paul Franklin, Ron Somerville, Carl Hunt, Dave Vartanian, Erik Kolbell and Carl Bender. Some others serve as substitutes and backups.

The team won its first game — a defensive duel - 21-19. Spectators are welcome and are admitted free. Concession booths are available at the field.

The remaining schedule is 6 p.m. May 12, field three; 7:10 p.m. May 19, field five; 8:20 p.m. June 2, field six; 9:30 p.m. June 9, field two; 7:10 p.m. June 16, field two; 9:30 p.m. June 23, field one; 6 p.m. June 30, field three; 9:30 p.m. July 7, field five; 8:20 p.m. July 14, field six; 8:20 July 21, field two; and 8:20 p.m. July 28, field two.

### **Events**

CULTURAL

Through May 18 — Muscle and Machine Dream: A Portrait of Motor City, Meadow Brook Art Gallery. A multi-media exhibit of Diego Rivera murals. Free. Call 370-3006 for details.

May 22 — Benefit concert for vocalist Edith Diggory and her accompanist, Jeffrey Panko, 8 p.m. Varner Recital Hall. Tickets will be available at the door or may be ordered by calling 370-3013. Sponsored by the Center for the Arts and the Department of Music, Theatre and Dance.

Through June 27 — Community Dance Program, 132 Varner Hall. Fee. Sponsored by the Center for the Arts. For details, call 370-3018.

July 7-August 2 — Arts-for-Youth camps and the Meadow Brook Studies Program, Varner Hall. Fee required. Sponsored by the Center for the Arts and Oakland Schools. Register now by calling 370-3018.

#### CONFERENCES

May 13 — Physical Therapy Career Day, sponsored by the Office of Placement and Career Services, 1:30-3:30 p.m. in the Oakland Center Crockery.

Free. Call Joyce Esterberg at 370-3213 for details May 29-June 1 — Michigan Spring School for Women Workers. To be held at OU. Sponsored by the Ken Morris Labor Studies Center and the Union Minorities/Women Leadership Training Projects at OU and other universities. Call 370-3136 for brochures listing the numerous events

Various courses are offered by the Division of Continuing Education. For the full schedule of classes,

May 12-June 25 - Special Topics Series in Physical Therapy for Professionals. Presented by the Program in Physical Therapy and the Division of Continuing Education. Call 370-3120 for details.

May 16-18 and June 6-8 - CPA relicensure weekends offered by the Division of Continuing Education and the School of Business Administration. Call 370-3120 for information.

#### **LECTURES**

May 14-15 — Cardiopulmonary resuscitation training at Meadow Brook Health Enhancement Institute. Sponsored by the Department of Public Safety, the Employee Relations Department and the MBHEI.

May 13, 16 and 20-23 — Cardiopulmonary resuscitation refresher courses. Call 370-3499.

#### **ATHLETICS**

June 2-3 — Gehringer-Kaline Golf Classic, all day, Katke-Cousins Golf Course. Proceeds benefit Meadow Brook Hall and the Department of Athletics. Reservations are required. Call 370-3140 for details.

June 15-August 1 — Sports camps sponsored by

the Department of Athletics. Register now by calling

### **TOURS**

- Sunset Terrace Revisited will be held until the fall conference season begins. See the home decorated in the style of the 1950s. Tour details

will be announced. Sundays - Meadow Brook Hall is open from 1-4 p.m. for browsers. No reservations needed. Call 370-3140 for details about this and other tours.

# **Libraries Set Spring Hours**

Spring semester hours for Kresge Library, the Instructional Technology Center and the Performing Arts Library have been set.

For Kresge Library, regular hours will be 8 a.m.-10 p.m. Monday-Thursday, 8 a.m.-5

p.m. Friday, 9 a.m.-5 p.m. Saturday, and 1-10

June 23-25; 8 a.m.-6:30 p.m. June 26; and 8 a.m.-5 p.m. June 27. and 1-5 p.m. Monday-Friday until May 30.

p.m. Sunday. Exceptions will be May 24-26

and June 28-29, closed; 8 a.m.-11:30 p.m.

Spring hours for the ITC are 8 a.m.-noon From June 2-27, hours will be 7:30 a.m.-12:30 p.m. and 1-5 p.m. Monday-Thursday and 7:30-11:30 a.m. Friday. The library will be closed May 26.

At the PAL, regular hours until May 30 will be 9 a.m.-8 p.m. Monday and Thursday, and 9 a.m.-5 p.m. Tuesday, Wednesday and Friday. From June 2-27, hours will be 8:30 a.m.-8 p.m. Monday and Thursday, 8:30 a.m.-5 p.m. Tuesday and Wednesday, and 8:30-11:30 a.m. Friday. The library will be closed May 26.

### **Dean Pine Receives Appointment**

Dean Gerald Pine, SHES, has been appointed to the National Advisory Committee of the National Network of Principals Centers. The network is funded by the Danforth Foundation and is at Harvard University.

Pine has also been appointed to serve as a member of the Committee on the Preparation of Educational Administrators of the American Association of Colleges of Teacher Education. He now serves on the state Board of Education's Future of Teaching Committee, which is conducting a study of teacher supply and demand and methods of improving the quality of teaching and teacher education in Michigan.