

inside OAKLAND

A newsletter for Oakland University colleagues

breaking NEWS

Save the date!

Oakland University will hold its first Founders' Day on April 18, in honor of benefactors Matilda and Alfred Wilson.

Key events include:

- The Second Annual Faculty Recognition Luncheon, noon, OC Gold Rooms. Featured speakers: Andrew Rusek, Teaching Excellence Award winner; and Virinder Moudgil, Research Excellence Award winner. This event will be the focal point for future Founders' Day celebrations. By invitation.
- Opening, Science and Engineering Building, 3 p.m., tent facing the new building. Featured speakers: BOT chair Rex Schlaybaugh, Jr., and deans David Downing, CAS; and Michael Polis, SECS. Open to the community. Governor John Engler has been invited as well.
- Investiture of President Gary D. Russi, 4:30 p.m., tent facing Science and Engineering Complex; includes an academic procession, brief remarks by faculty, staff, student, alumni and BOT representatives, and a short address by Russi. Open to the community.

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ANNIVERSARY
OAKLAND UNIVERSITY
Pioneering the future

Watching out for you

New closed-circuit cameras enhance campus security

Four new closed circuit TV cameras are helping Oakland University police deter crime in parking lots and on busy walkways.

The security cameras, installed last fall, scan areas around Wilson Hall, Vandenberg Hall, O'Dowd Hall and Kresge Library — covering most of the central campus, particularly the parking lots. OU police monitor the cameras 24 hours a day, says Dick Leonard, director, Police and Materials Management.

"They certainly are an aid when we identify an area we want to watch," Leonard says. "They're normally in a pan mode. If we see a problem, we can zoom in on it. They assist us in providing a safe environment."

More cameras may be installed later, Leonard says, noting that OU walkways are brightly lit and a student escort service is available after dark. Campus police patrol by foot, bicycle and car. And 10 blue light phones are strategically placed throughout the campus in case of emergencies.

Annual crime statistics are available from Leonard's office at (810) 370-3000, or through the campus police Web page: <http://mirage.otus.oakland.edu/oupd/stats.htm>



OU guard Larry Johnson inspects a video surveillance camera on O'Dowd Hall.

Smile, you're on camera!

At one time, taped televised classroom lectures were the height of technological teaching innovation at Oakland University.

Now, that analog system has been leapfrogged by a digital superhighway.

The School of Engineering and Computer Science is at the

forefront of this trend with a \$150,000 experimental program developing ways to use the Internet as a method of long-distance and multimedia teaching. SECS

also will soon offer two new courses related to the development of digital learning systems.

"What we'd like to see is for the technology to continue to improve," says Ronald Srodawa, associate professor, Engineering. "This is using the Internet in a broadcast manner, like a radio station, to make it go to all listeners."

Some OU lectures are broad-

cast around the state on the Michigan Cable Network. This new technology will allow lectures, charts, photos and multimedia to easily be put together on computers for Internet viewing. For universities, it will be cheaper and faster than old videotape and TV methods.

"With computers, people can design something themselves, not by having to go to a studio, but on their PC," he says.

Internet lectures can help students requiring more exposure to the material, and to professors who often must work their exams around the schedules of busy graduate students. Multimedia lectures even could be played in the classroom, combining words, sounds, moving visuals and notes.

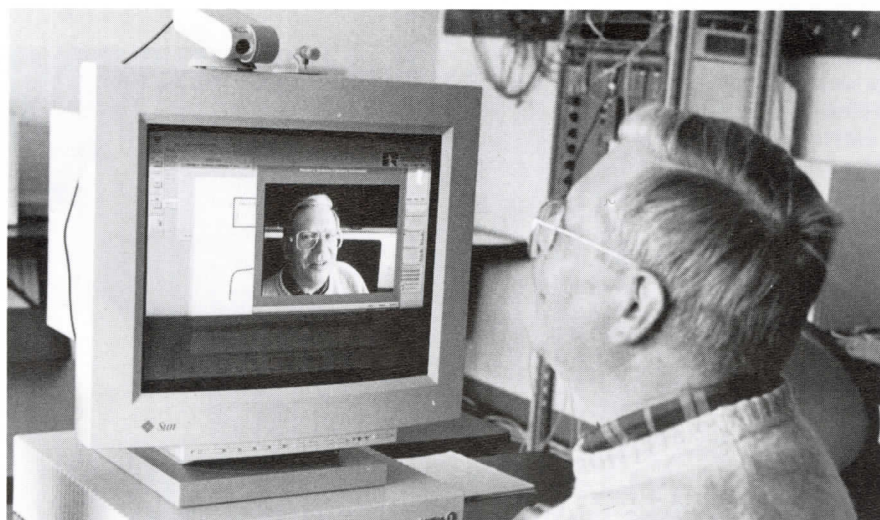
Srodawa says it is not the intent of this technology to replace the classroom experience.

"This technology is both a benefit and a concern," he says.

"There's a purpose to coming to campus. You may be able to take a course in calculus over the Internet, but you want to come to the lab for work and discussion. In the future, it will be a mix."

getting it CORRECT

The *Inside Oakland* newsletter included a story last month that Oakland University had approved the Detroit Academy of Arts & Sciences as one of its public school academies. That school, proposed by the Edison Project, has actually been chartered by Central Michigan University. OU approved the Edison Public School Academy, another Edison-sponsored school, instead. We apologize for any misunderstanding this may have caused.



Engineering Assistant Professor Ron Srodawa looks at himself on a computer screen by way of a camera mounted on top of his computer monitor.

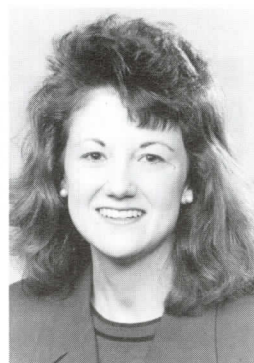


Cool cash savings

Reviewing plans to replace air conditioning chillers in O'Dowd Hall are (from left) Rick Perhai, OU plant engineer and energy manager; Rick Latimer, construction manager, Viron Energy Services; and Ray Mora, associate director, Engineering. Viron is responsible for conceptual design of energy conservation systems.

employee of the MONTH

..... M a r c h



Employee: Ann Jackson
Title: Counselor and program coordinator
Department: Academic Services and General Studies

Length of Service: 3 years

University Service: King/Chavez/Parks

College Day Programs; Entering Scholars Program; McCree Scholars Program; Academic and Career Advising Committee; Adult Career Counseling Center; Advisory Board Orientation Advisory Council; HRD Student Association Career Day; Seniors Set Your Sails Program; Welcome Week Volunteer; Go for the Gold Program

Comments: "Anne is very deserving of this award. She is a definite team worker, always willing to help out wherever she is needed in the office."

"Anne is well liked by students and staff. She will go out of her way to help a student who has a problem, whether personal or academic."

"Anne has always been a very calming influence in our office."

Employee of the Month nomination forms are available in all departments, ERD and CIPO. For more information, call Gail Ryckman at 3480.

campus REGISTER

INSIDE OAKLAND is published each month September through May for the faculty and staff of Oakland University by the University Communications and Marketing Department (C&M). C&M also publishes a condensed mid-month **Inside Oakland** edition to update faculty and staff on university news and information.

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Hoda S. Abdel-Aty-Zohdy, Microelectronics System Design Lab, Electrical and Systems Engineering, wrote a paper, *Residue to Binary Arithmetic Converter for the Moduli set $(2^k, 2^k-1, 2^{k-1}-1)$* , which has been accepted for publication in the *IEEE Transaction on Circuits and Systems-II: Analog and Digital Signal Processing*. This paper is co-authored with Oakland alumnus A. Hiasat, assistant professor, Princess Somaya University, Jordan. Abdel-Aty-Zohdy gave the invited *Chapter I: Circuits and Systems* presentation at the IEEE/SEM Fall '96 section meeting. The presentation title was *Smart Integrated Automotive Microsystems*. She presented a paper, *Combinational Logic VLSIC Design and Implementation of an Improved Approximate Squaring Function*, at the Third International Conference on Electronics, Circuits, and Systems, ICECS '96, Rodos, Greece. The paper was also co-authored by Hiasat. She has been selected as a program evaluator for the Computer Science Accreditation Commission/Accreditation Board for 1996-97. She served as a member of an accreditation team in November 1996.

Linda Benson, History, in January chaired a panel, *Text and Turpan: The Historiography of Place in Inner Asia*, at the annual meeting of the American Historical Association in New York. Her review of H.B. Paksoy's *Central Asia Reader* was recently translated into Turkish, and appeared in the September 1996 issue of the journal *Bilge* (Knowledge), published in Ankara, Turkey. On February 11, she was interviewed by phone by the Voice of America service for background on the recent disturbances in China's northwestern region of Xinjiang. The Beijing bureau chief for *Newsweek* contacted Benson to ask for background on the rioting as well. Her book, *China's Last Nomads*, written with Ingvar Svanberg of Uppsala University in Sweden, focuses on the Kazak minority living in that area. The book will be published later this year by M. E. Sharpe, Inc.

Beverly Berger, Physics, delivered a talk, *In search of the Generic Big Bang*, at Yale University in November. She attended the Midwest Relativity Meeting at Bowling Green State University and delivered a talk on *Numerical investigation of the nature of the generic cosmological singularity*, also in November. In December she was a member of the National Science Foundation special emphasis panel in Gravitational Physics.

Ka C. Cheok, Engineering and Computer Science, was selected to receive the 1996 SAE Oral Presentation Award. The award is given for excellence in oral presentation. The basis for the award is Cheok's presentation given at the 1996 SAE International Congress & Exposition titled *Fuzzy Logic Approach to Traction Control Design*.

Frank Cioch, Engineering and Computer Science, and co-authors Michael Palazzolo and Scott Lohrer have won the ICSM '96 best paper award. The award is sponsored by the *Journal of Software Maintenance*. Their paper was titled *A documentation suite for maintenance programmers*.

William Connellan, Academic Affairs, was elected to serve a seventh three-year term on the Board of Directors of the Metropolitan Detroit Convention and Visitors Bureau, and is serving on the executive of the board. Jim Sharp, member of the OU Board of Trustees, also was elected to the Detroit board and has been selected to serve on the executive committee as well. It is his first term.

Joseph D. Hovanesian and Yau Y. Hung, Engineering and Computer Science, were awarded a \$112,000 grant by the National Science Foundation for their project, *Short Course in Applied Optics for College Teachers*.

Michael Hung, Engineering and Computer Science, delivered the keynote speech at the International Conference on Experimental Mechanics, Singapore, December 4. His speech title was *Recent Development in Shearography and Applications in Experimental Mechanics*.

Doug Hunter, Biological Sciences, directed research projects by two graduate students: Janet Savo-

yard presented a paper at the annual meeting of the Entomology Society of America, Louisville, Kentucky, on *The Timing of Conflict Among Cofoundresses of the Paper Wasp, Polistes fuscatus*. Susan Toczylowski was a contributing author, along with Hunter, on two chapters in a recently published research monograph on *Zebra Mussels and Aquatic Nuisance Species*.

Naim Kheir, Electrical and Systems Engineering, was named the general chair for the 1997 American Control Conference June 4-6 in Albuquerque, New Mexico.

Michael Polis and Naim Kheir, Engineering and Computer Science, took part in the graduation ceremony at the Technical University of Vienna in November for the first group graduating with an MS degree in engineering management.

Janice Schimmelman, Art and Art History, presented a paper, titled *The American Artist and Early Copyright Law: The Society of the Sons of St. George v. Thomas Sully*, at the annual meeting of the College Art Association February 13.

Dyanne Tracy, Education and Human Services, wrote an article that appeared in the journal *Teaching in the Middle School* by the National Council of Teachers of Mathematics. A photograph by Rick Smith, University Communications and Marketing, appeared on

the journal's cover.

Sarma Vishnubhalla, Engineering and Computer Science, was awarded a \$32,000 research contract from Chrysler Corporation for the project *Blank Metal Sheet Inspection and Counting Automation*.

Uma Venkateswaran, Physics, wrote an abstract on *Photoluminescence studies on polymerized C60*, which was accepted for presentation at the 23rd Biennial Conference on Carbon July 13-18 in State College, Pennsylvania.

new faces

- Deanne Cavanaugh, marketing assistant, Graduate Study
- Karen Clemmons, placement coordinator, Placement and Career Services
- Kathleen MacFarland, clerk/receptionist II, Special Programs
- Frank Polasek, business manager, Meadow Brook Hall
- Stephen Roberts, associate vice president, Finance and Administration
- Tammy Seals, assistant director, Office of Diversity and Compliance

retirements

Kiichi Usui, curator, Meadow Brook Art Gallery



Giving advice

Jane (Hershey) Abraham CAS '81, wife of U.S. Senator Spencer Abraham, speaks to OU students last week at the Admissions Honors Exploration. At OU, Abraham was an Honors College graduate and president of Student Congress.

DEADLINES

Submit items for publication no later than the 10th of the month before publication

NEXT DEADLINE

March 10

Biological marketfare

New MA in biology targets full-time professionals

Full-time professionals in fall 1997 will have the opportunity to pursue an Oakland University master's degree in biology, a choice that had not been practical for such workers before.

The master of science degree in biology, previously the only OU master's in biology, required one or two years of full-time research, says Virinder Moudgil, chair and professor, Department of Biological Sciences. Many professionals could not meet this requirement because their employers would not give them time off for research.

So the department is establishing a master of arts degree in biology, which substitutes more course work for research.

"The MA is designed to give students a very broad background in biology — they take everything from animal behavior to molecular biology,"

says George Gamboa, professor, Biological Sciences. "Broad training in biology will be especially appropriate for teaching at a community college or high school level because often those people teach many different kinds of biology courses, not just a specialty course."

Moudgil emphasizes that the MA course work is just as rigorous as the requirements for the MS. "MA candidates can still be exposed to different laboratories and research programs for a brief enough period so that they get to know what is going on and how to conduct research, but they are not required to complete extensive research projects," Moudgil says.

MA candidates will not complete a thesis.

"We will be able to better serve the community around us with the MA program," Moudgil says.

bits and PIECES

Speakers examine hot spring bathing, South African youth

The craze for hot spring bathing in Japan stems from the Japanese people's wish to be one with nature in an era when people and nature are often separated.

Nude bathing in scenic hot springs restores this unity.

That's the idea behind a March 19 presentation by Seigo Nakao, assistant professor, Japanese, Department of Modern Languages and Literatures, College of Arts and Sciences.

Also included in the Center for International Programs' Speakers Series for Winter 1997 is James Graham, associate professor, Department of History, College of Arts and Sciences. He will deliver an April 9 speech on strategies for drawing South African youths from gangs to civic organizations.

The speeches are from noon to 1:30 p.m., Oakland Room, Oakland Center.

Promoting economic progress and income equality

Mancur Olson, distinguished university professor, Economics, University of Maryland, will deliver the sixth annual Alice Conner Gorlin Memorial Lecture at 7:30 p.m. March 20, 201 Dodge Hall.

He will speak on the role of governments in promoting economic progress and income equality in both the developed and underdeveloped worlds. Olson's talk will be followed by a question-and-answer session.

Team streamlines placement testing

Getting started at Oakland University will be much easier for fall 1997 first-year students because they'll spend less than one hour — instead of four — taking placement tests.

Students will also have test results to make appropriate course selections during orientation and they'll complete virtu-

ally no paperwork. The reduction in time and effort is the work of the Student Placement Testing Team, formed in 1994. Students will be placed in mathematics courses based on their American College Test results instead of having to take placement exams. Only students with an ACT math subscore of 24 or higher will take the calculus-readiness exam.

Beth Talbert, leader, Student Placement Testing Team, says collaboration among departments made the project a success.

Other OU team members: Bridget Payne, David Herman, Paul Amaranth, Walli Andersen, Pat Bennett, Carole Crum, Bill Headley, Darrell Schmidt and student Micki Dynda.

Offices to celebrate open house

Learning Resources/Academic Skills Center will host an Open House Celebration from 2 p.m. to 4 p.m. March 7 in 103 North Foundation Hall.

Snacks and refreshments will be provided.

All are welcome.

Tour showcases cutting-edge systems

Oakland University's Plant Engineering Department gave heating and air conditioning engineers a look at the new

Science and Engineering Complex January 21.

About 80 to 90 members of the American Society of Heating, Refrigeration, and Air Conditioning Engineers learned about the building's state-of-the-art systems and equipment, including the air conditioning. The system makes ice at night to cool the building in the day, says Ray Mora, associate director, Plant Engineering and Construction Management. It costs less to make ice at night when electric rates are significantly reduced. The system is also capable of providing back-

up cooling for the Dodge Hall of Engineering Building.

"What is so unique is we can monitor and adjust conditions in almost every room remotely," Mora says. "All major equipment can be started, stopped, monitored and examined from a central location."

OU announces major gifts

David Disend, vice president, University Relations and executive director, OU Foundation, has announced four generous gifts that will positively impact the university's future for years to come:

- Melvin Raber made a gift in 1992 to provide for OU's Kresge Library through a \$250,000 trust to the Enduring Legacy Campaign after his death. OU is now realizing Raber's foresight in planning for the library. He died October 31, 1996. He was 85. He and his wife Hettie together are two of OU's biggest donors. Total contributions from them are nearly \$350,000.
- Dennis Pawley SEHS '82, executive vice president, Manufacturing, Chrysler Corporation, gave \$100,000 to the OU Foundation. Pawley is a member of the OU Board of Trustees.
- Lance L. Metzger, senior vice president and CFO, J & L Manufacturing Company, Warren, committed \$100,000 over a 10-year period to be split between the men's swimming and the women's basketball programs.
- Oakland University Branch of the Michigan State University Federal Credit Union's gift of \$50,000 over the next five years will allow OU students free access to the latest in research through UNCOVER and FirstSearch. UNCOVER allows users to view more than 17,000 journals not currently available in the library collection. FirstSearch provides more than 60 general and specialized databases. John Savio is the vice president of the credit union's OU branch.

Book sale will fund scholarship for substance abuse

Oakland University alumnus Barry Klein CAS '68 has

pledged \$40,000 including proceeds from the sale of his book, *Sex, Drugs and Rock & Roll*, to establish the George R. Klein Memorial Scholarship.

The money will be used for post-master's degree candidates studying substance abuse counseling in OU's School of Education and Human Services.

George Klein was his father.

Klein serves on the Board of Directors, OU Foundation, and guest teaches in OU's School of Business Administration. He has been a past president of the OU Alumni Association and a recipient of OU's Distinguished Alumni Service Award.

Klein's book, in paperback form, will be published this month and may be ordered through Commonwealth Publications for \$4.99.

Call (800) 491-7737.

MICAR earns grant

Detroit Diesel Corporation has awarded a grant to Oakland University's Michigan Center for Automotive Research (MICAR).

The \$65,650 grant is for research on *Development of Nitrite Sensor for Cooling Fluid*.

Library traffic and usage on the rise

More people are using Oakland University's Kresge and Performing Arts libraries these days. Daily usages:

- Compared with 1989-90:
- 35 percent more people enter the building (1,224 to 1,651)
- 61 percent more photo copies are made (2,527 to 4,065)
- 100 percent more items are borrowed for OU users through interlibrary-loan services (20 to 40)
- 25 percent more books circulated (317 to 253)

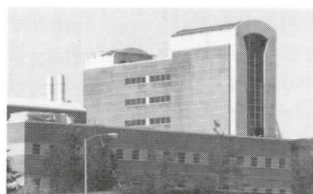


Reflecting on art, his work

Kiichi Usui, longtime curator of the Meadow Brook Art Gallery (MBAG), will continue to display his own exhibit this month in the MBAG. A spectacular collection of paintings, the exhibit spans Kiichi's 30 years at Oakland University. Ironically, the exhibit opened on Kiichi's first day of retirement from the university. His paintings are in the background.



Barry Klein



get to **KNOW**
MARRIED COLLEAGUES
A feature highlighting specific groups of university colleagues.



ROBERT AND JOYCE FACKO



BOB AND JACKIE WIGGINS



DAVID AND GLORIA BODDY



MEL AND JENNY GILROY

How did you meet?

We grew up together in Blue Island, Illinois. We went to the same church, and I sang in Robert's choir.

In junior high school in New York City. Met again in Queens College; we were both music majors.

One of David's roommates in college was dating my sorority sister. We met at a Dave Brubeck concert.

Jenny was dating one of my best friends when we met at an undergraduate party at OU.

What are the advantages of working at Oakland with your spouse?

I can see Joyce on our lunch hour. There is a better understanding of one another's job.

Simple lifestyles and we do a lot more sharing and understanding about each other's job.

We get to live very close to work. It helps in raising the family because we can cover each other's time better.

We only have to drive one car to work. He drops me off and I don't have to worry about parking.

What are the challenges of working at Oakland with your spouse?

We haven't met a challenge we can't overcome.

We've worked together before. So for us we don't see any challenges.

David talks too much shop at home.

It's a challenge not to live and breathe OU 24 hours a day. We try to leave work behind at the end of the day.

What aspects of the job do you discuss at home, if any?

Everything!

Probably too much.

Exciting and frustrating things, the good and the bad. We know the university, so we understand what the other is saying.

We try to avoid it. We discuss more general topics about OU because a lot of what we do at work we can't share.

How do you keep the romance alive?

We make time.

For 25 years, we've traveled together to Paris, Norway and Amsterdam. We enjoy our work and there are no conflicts at home.

After 31 years, we have lots of things we enjoy doing together. We have similar interests like canoeing and camping.

We can't talk about that. As new grandparents, we have a new lease on life. We play rock 'n' roll and dance in the living room and have fondue dinners.

calendar of **EVENTS**

People with disabilities who need special assistance to attend any of the events listed may call the sponsoring unit or the Office of Disability Support Services at 370-3496.

March

Meadow Brook Hall tours, 1:30 p.m. daily and from 1 p.m.-5 p.m. Sundays (last tour begins at 3:45 p.m.). Admission. Gift Shoppe also open. Call 370-3140.

- 1-9** A Real Life Drama — *I Am A Man*, MBT, 8 p.m.
5, 12 Concerts and Music in Food Court, OC Food Court, noon
6 Financial Planning, Gold Room C
Sloane Fitzgerald, RN: Healing Touch & Therapeutic Touch, OC Gold A, 4-6 p.m.
Student Chamber Music Ensembles, VAR Recital Hall, 8 p.m.
7-9 *Three Sisters*, VAR Studio Theatre, 8 p.m.
8 Employee Benefits, SFH 265, 9:30 a.m.-noon
9 *Dinosaur Babies*, MBT, 2 p.m.
11 Leadership Series — *Program Planning*, OC MB, 3-4:30 p.m.
12-15 Men's and Women's Swimming, NCAA II Championships
13 Finance and Personnel Advisory Committee, 126-127 OC, 9 a.m.
Three Sisters (Student Matinee), VAR Studio Theatre, 10 a.m.
Concert, Third Wish, OC Cafe, 8 p.m.
Student Composers, VAR Recital Hall, 8 p.m.
14 Movie: *Microcosmos*, DH 201, 7 p.m.
18 University Affairs Advisory Committee, 129-130 OC, 3 p.m.
19 Lecture by Professor Jane D. Eberwein — *A Century of Emily Dickinson Scholarship: Reflections of an Encyclopedist*, OC, 3:30-5 p.m.
21 Honors College Ribbon Cutting, 4 p.m.; Honors College, 5 p.m.; reception, 6 p.m.; dinner to follow, Meadow Brook Hall
28 Department of History Annual Lecture — *The Cult of the Virgin Mary: Spanish Nationalism in the Reconquest and Conquest*, OC Gold Room C, noon



Eric Clapton, move over

"Mississippi" Charles Bevel performs in Meadow Brook Theatre's *I Am A Man*, which runs through March 9.

Children explore science, math, technology in Oakland day camp

Learning and fun continues through summer for children at Oakland University's Lowry Early Childhood Center.

The center's Enviro-Explorers Summer Science, Math and Technology Day Camp, which is open to the public, will run for eight weeks — up from two last year — starting in June.

Children aged 3-9 may choose from among four two-week sessions:

- Phenomenal Physics & Mind-Boggling Math (Why Spiders Walk Upside Down)
- How Things Work: Engineering, Architecture and Simple Machines
- Backyard Biology: Exploring Familiar Plants and Animals
- The World of Water: From the Pond to the Faucet

Educators in Oakland's School of Education and Human Services' Early Childhood Education program developed the day camp to train graduate students. Graduate students teach science and math concepts and technology skills and involve the children in music, movement and literacy.

The day camp includes many hands-on activities. In The World of Water, for instance, 3-year-olds might learn different properties of water: that it freezes and turns into steam. They may pretend they're swimming in a pond or read stories incorporating what they've learned. Older children would learn about water quality and how to clean up an oil spill.

OU's engineering, mathematics and science faculty members help with grant writing and give suggestions for lessons.

Seventy children participated in last year's two-week session. The cost is \$180 for each two-week session, starting on June 30, July 14, July 28 and August 11. Day camp runs from 9 a.m. to 2 p.m. Monday through Friday.

Arrangements may be made for care before and after camp. Children also participate in arts and crafts, dramatic play, woodworking, outdoor play, nature walks and computer activities. Lowry is on the corner of Butler and Adams roads on the OU campus.

To register, call (810) 370-4100.

Celebration events draw record crowds



Oakland University's African-American month celebration featured noted speaker Myrlie Evers-Williams, chair, NAACP Board of Directors and widow of slain civil rights leader Medgar Evers (left). The annual Keeper of the Dream Banquet featured keynote speaker William Brooks (above), vice president, Corporate Affairs, General Motors Corporation.