



OAKLAND UNIVERSITY

News

104 North Foundation Hall
Rochester, MI 48309-4401

A publication for faculty and staff

May 18, 1990

OU To Focus On Excellence, Diversity, Collaboration

Oakland University, through its governance process, has developed strategic guidelines to take it into the 21st century.

The guidelines suggest that for the university to meet the challenges that it faces and to fulfill its promise, it enter the 21st century focusing its efforts and resources to shape a university epitomized by three key terms: excellence, cultural diversity and collaboration.

The guidelines, *Educating Students for the 21st Century: Pursuing the Future — Building on the Past*, have been approved by the Univer-

1,472 to Pass Through Rites of Commencement

University commencement exercises on June 2 will recognize 1,472 degree candidates from the fall and winter semesters.

Five ceremonies are planned to make it possible for academic units to pay tribute to their graduates, faculty members and alumni guests. President Joseph E. Champagne will be at the arts and sciences, engineering and SBA ceremonies. Provost Keith R. Kleckner will participate in the nursing and SHES ceremonies.

The list of degree candidates includes 1,193 undergraduates and 279 graduate students. The advanced-degree candidates include five doctoral students: three in reading education, one in systems engineering and one in biomedical sciences (medical physics).

The ceremonies at Baldwin:

- 10 a.m., College of Arts and Sciences, School of Health Sciences and Bachelor of General Studies.

The ceremony for arts and sciences will feature speakers from within the university community. Kathleen Moore, associate professor of chemistry, will deliver the exordium, and W. Patrick Strauss, professor of history, will offer the comment. Harrison Miller, Jr., vice president of the College of Arts and Sciences Alumni Affiliate, will deliver the alumni welcome.

- 1 p.m., School of Engineering and Computer Science.

Harry S. Kalajian, executive vice president and chief financial officer, Michigan Bell, will deliver the commencement address. Graduating senior Manjote K. Sandhu will deliver the salutation. Bruce S. Wilber, a product engineer with Chrysler Corp. and president of the SECS Alumni Affiliate, will deliver the alumni welcome.

- 4 p.m., School of Human and Educational Services.

Denis K. Pawley, general manager of advanced manufacturing and engineering with Chrysler Motors, will deliver the commencement address. Netter Weeks, copresident of the Human Resources Development Student Association, and Paige Johnson, president of the Graduate Counseling Student Association, will offer remarks for the class. Timothy McCarter, president of the SHES Alumni Affiliate, will deliver the alumni welcome.

Following the SHES ceremony, guests will be welcomed to the Oakland tent on the festival grounds for a reception sponsored by the alumni affiliate.

- 7 p.m., School of Business Administration.

Dean Ronald M. Horwitz, who is giving up the deanship to return to the faculty next January, will deliver the peroration to the class. Mary Van Sell, associate professor, will give the exordium. James Herzog, president of the SBA Alumni Affiliate, will deliver the alumni welcome.

At Varner Recital Hall:

- 10 a.m., School of Nursing.

Carl H. Miller, professor in the School of Nursing at the University of Alabama, will deliver the peroration. John Ylvisaker, M.D., a President's Club member who established the Tekla Strom Ylvisaker Endowed Scholarship, will give the exordium. Kleckner and Mary Catherine Wright of the School of Nursing Alumni Affiliate, will deliver the valediction.▼

sity Senate, an advisory body to President Joseph E. Champagne. The guidelines must still be reviewed by the president and the Board of Trustees.

The Senate approval on April 30 capped a process that began in fall 1987 when the Academic Policy and Planning Committee of the Senate was charged by President Champagne with developing a set of guidelines to lead the university into the 21st century.

Following intensive research, deliberations and hearings, the following guidelines were developed for university consideration:

Excellence — OU's tradition of academic excellence must be maintained and not be sacrificed in a premature effort to achieve other goals without adequate resources. To maintain that thrust, the university must:

- Maintain the quality, integrity and strength of academic programs.
- Continue to recruit faculty and staff of the quality which has characterized the university from its inception.
- Acquire and maintain library, computing, laboratory and instructional resources that keep pace with the needs of all academic programs as well as the level of scholarship expected of its faculty.
- Maintain the level of enrollment required to ensure the continued strength, breadth and

depth of university programs through appropriate admission and retention efforts and the restructuring of scholarship and fellowship policies.

- Initiate programs distinctly responsive to documented needs and consistent with university goals, including expanding master's degree offerings, adding a few carefully selected doctoral programs, and developing programs that allow students to earn within five years both baccalaureate and either master's degrees or professional certification.

- Increase the proportion of students enrolled in graduate and post-baccalaureate studies.

- Develop an assessment process which facilitates the improvement of academic and cocurricular programs.

- Strive to enhance the traditional teaching-learning process by taking advantage of new instructional methodologies and technologies. Students should be educated to use these technologies and understand the human implications of technological change.

Cultural diversity — In order to be successful in a changing environment, OU students must learn to live and work effectively among people with cultural backgrounds different from their own. To achieve the objectives, the university must:

- Increase its emphasis on recruiting and retaining students, faculty and staff representing these diverse cultural groups.

- Foster an academic environment which encourages mutual sensitivity to and respect for members of all cultural groups.

- Develop an international focus that includes and transcends required course work.

Collaboration — Oakland must take advantage of its location by continuing and expanding its collaboration with area businesses, government agencies, hospitals, schools and civic, labor and professional organizations. To do this, OU must:

- Explore and nurture relationships with these agencies that will enable students to gain experience through co-op programs and internships, and that will enable faculty to become involved in the community through consulting, research and teaching opportunities.

- Offer credit and noncredit courses at the Oakland Technology Park as well as at other off-campus sites.

- Integrate the Meadow Brook institutions more fully into the university community.

- Continue to encourage faculty to collaborate with other researchers both inside and outside academe.

The guidelines also identified OU strengths

(Continued on page 4)



Toni Henderson of Southfield High School found that using a prop added some interest during her presentation at the 15th annual Foreign Language Fest. The De-

partment of Modern Languages and Literatures sponsored the event, which attracted about 1,500 students.

Health Institute Offers Support for Those Who Wish to Stop Smoking

Smokers who wish to turn over a new leaf — other than a tobacco leaf — may find help at the Meadow Brook Health Enhancement Institute.

Another round of the institute's own Cease Using Tobacco program begins with an introductory session on June 7. Remaining classes will meet June 12-15 and 18 and 20. All sessions will be from 7-8 p.m. at the institute.

Terry Dibble, coordinator of special programs, says that following the initial program, support groups will meet twice a week for three months to help reinforce smokers' desire to quit.

The program is based on

successfully modifying the behavior of smokers to adopt a healthy life-style.

During the introductory program, Jack Wilson, associate vice president for student affairs, will address addiction and the psychological aspects of smoking.

The second program will consist of Dr. Timothy Ismond, MBHEI medical director, speaking on *Physical Response to Smoking*.

The third program will include a lecture and group discussion by Wilson on *Why is it so Hard to Change?*

The fourth session by Robert Jarski, senior researcher in the School of Health Sciences,

will address *Stress and Smoking*. A group discussion will follow.

Dibble will conduct the fifth and sixth sessions on *Relaxation Techniques* in group discussion. Strategies to cope with the difficulty of becoming smoke-free will be presented. Information about weight gain and the cardiovascular effects of smoking will be discussed.

The final session will include a group discussion of the program and members' progress.

The program fee is \$40 for members of the MBHEI or its special programs, and \$50 for nonmembers. To register, call Dibble at 370-3198.▼

Two Directors Returning to Faculty

Two directors of academic units are leaving their positions to return to full-time teaching.

The moves were approved tentatively, on a 4-0 vote, by the Board of Trustees May 9 for Carl F. Barnes, Jr., and Mary L. Otto. A five-member quorum was lacking, and the matter will be brought to the next board meeting for formal ratification.

Barnes decided to return to the faculty full-time, which means he gives up his title as director of the Center for the Arts. He will retain his title as professor of art history and archaeology. The change is effective August 15.

Otto moves from associate professor of education and director of research and academic development to associate professor of education. The change is effective July 1.

In addition, Carl R. Osthaus will become acting chair of the Department of History from this June 25 through August 16, 1991. Osthaus retains his rank as associate professor.▼

Hot-Water Line Replacement Will Zap Air Conditioners

Two major heating/cooling system projects will be completed by the university during the summer months.

They involve partial replacement of high-temperature water lines from the end of the tunnel at Varner Hall leading toward Dodge Hall, and complete replacement of high-temperature water lines from Wilson Hall to Graham Health Center.

Total project cost presented to the Board of Trustees May 9 is \$498,000. Of that, \$414,500 will come from the special maintenance fund allocation from the state of Michigan and \$84,100 as the Graham Health Center share.

Varner, Dodge, Graham and Wilson facilities will be without air conditioning from July 7 to October 15. The computer center within Dodge has its own unit, as does Kresge Library.

Formal board approval for the project is expected at the June meeting. Trustees Patricia Hartmann, David Handleman, Stephen Sharf and Phyllis Googasian approved the issues on the agenda, but a fifth vote is required for passage. The other four trustees were absent.▼

Phillips Returns to Oakland as President's Executive Assistant

President Joseph E. Champagne has appointed Cassandra Phillips as his executive assistant.

Phillips assumed the position on May 1. Most recently she was assistant director of financial aid at the University of Michigan, but her ties to Oakland are not new. From 1986-89, Phillips was associate director of the OU Office of Financial Aid.

President Champagne said he is very pleased with Phillips' decision to return to Oakland. "There were many outstanding persons interested in the position. I am very pleased that Ms. Phillips was interested and has joined our office. She will be a great credit to the office and the university," he said.

In her new position, Phillips will be responsible for managing the administrative affairs of the Office of the President. She will handle all administrative matters, including scheduling appointments, budget management, correspondence and supervision of support staff. She

will also be responsible for professional assignments given by the president.

Phillips has an extensive background in financial aid administration. Before coming to Oakland, she was assistant director of financial aid at Wayne State University from 1979-86.

At Oakland, Phillips was involved with the Women of Oakland University and its Scholarship Committee, the Admission and Financial Aid Committee, the AP Assembly Professional Development Fund Committee, the Black Awareness Month Committee, the Senate Academic and Career Advising Committee and the Toastmasters Club.

Phillips has taken the position which had been held by Pam Marin, who is now director of the Division of Continuing Education.▼



Phillips

Blackmon to Oversee Staff Employment Programs

A new manager of employment has joined the Employee Relations Department to work with all nonfaculty and nonstudent employees.

Victoria Y. Blackmon has more than nine years experience in employment, recruiting, unemployment compensation, wage and salary administration, and training and development.

Most recently she worked for Stroh Brewery Co. in human resource positions. From 1975-86, she worked at Western Michigan University in varied positions, such as a personnel department employment manager, a wage and salary analyst, an affirmative action recruiter and a financial aid officer.

Willard C. Kendall, assistant vice president for employee relations, said Blackmon will oversee recruitment, selection and testing; develop, implement and monitor the university's programs for employee recognition, orienta-

tion, exit interviews and career development; coordinate and monitor the development, implementation and on-going evaluation of the appraisal program for administrative-professional employees; oversee leave administration for nonfaculty employees; resolve issues with labor unions regarding employment practices, policies and procedures; and assist the assistant vice president on other employee matters.

Blackmon holds a bachelor's degree in psychology/health and a master's in counseling and personnel. Both were earned at Western. She is a member of the American Compensation Association and the Industrial Personnel Management Association.▼



Blackmon

Hartmann Cited for Volunteerism

The chairman of the university Board of Trustees has been named one of the Outstanding Volunteers of Michigan by a professional fundraising organization.

Patricia B. Hartmann was recognized May 10 at the Fairlane Club in Dearborn by the Michigan Chapter of the National Society of Fund Raising Executives. She received a certificate of honor and was cited at the meeting for outstanding volunteer service.

As chairman, Hartmann leads a board with final responsibility for the university's \$82 million a year operating budget. She has also been a strong volunteer worker for and contributor to the university's successful *A Share in the Vision* capital campaign, which raised \$10 million in its first phase. She also serves on the Council for the Preservation of Meadow Brook Hall to raise \$2 million in endowment funds.

Hartmann is also active with the Cranbrook educational community in several fund-raising roles, especially on the Challenge Cabinet for its \$28 million capital campaign and the Devel-

opment Committee to oversee all campus fund raising. She also chairs the board of Cranbrook Academy of Art.

For the Michigan Cancer Foundation, Hartmann chairs the Development Committee to raise between \$2 million and \$3 million annually, is a member of the \$8 million endowment committee, and is one of the honorary chairs for the 1990 dinner, which has a \$500,000 goal.

Hartmann says she has a special love for Eton Academy, the only accredited K-12 school in Michigan for learning disabled children. She chairs the development committee that raises \$125,000 annually in operating funds and is now seeking \$2.3 million in capital funds.

"Oakland University prizes its 1990 volunteer as a dedicated person with exceptional commitment to our society's values," said David H. Rodwell, vice president for development and alumni affairs, and a board member of the NSFRE Michigan Chapter.▼

On a Roll

Awards Continue to Come in for Women's Swimming, Basketball Teams

Awards continue to roll in following the successful athletic seasons of the women's basketball and swimming teams.

Coach Bob Taylor has been named the women's basketball Coach of the Year by the Basketball Coaches Association of Michigan. The statewide honors follows his selection as Coach of the Year in the Great Lakes Intercollegiate Athletic Conference. He guided his team to the NCAA Division II semifinals in California.

Taylor's team finished with

a 27-6 record and a second straight league championship.

The association selected Jud Heathcote of Michigan State University as its men's Coach of the Year.

Meanwhile, sophomore swimmer Lyn Schermer has been nominated for the Honda Sports Award. She is one of seven nominated. The winner qualifies for a spot on the ballot of the Honda-Broderick Cup, awarded annually to the nation's best women's collegiate athlete.

Schermer is competing against swimmers from Stanford, Texas, MIT and Florida.

Schermer, an elementary education major, was nominated for helping lead the women's team to the national championship. She set a national record and won the national title in the 200-yard individual medley. She also won national titles in the 200 and 400 freestyle relays. She was second in the 400 IM, fourth in the 200 free and fifth in the 100 free.

Schermer's team won its second consecutive GLIAC title. She also won individual titles and set records in the league for both the 200 and 400 IM.▼

Our People

Send details about your scholarly efforts to the News Service, 104 NFH.

PRESENTATIONS

• Abraham R. Liboff, physics, was an invited speaker at a symposium on electromagnetic fields and biological systems. Those attending the annual meeting of the Federation of American Societies for Experimental Biology, held in Washington, D.C., heard Liboff speak on *How Do ELF Magnetic Fields Mediate Cell Function?*

• Kathy Moore, chemistry, presented a paper, *Modulation of Mitochondrial Metabolism by Oxalithioesters*, at the annual meeting of the Federation of American Societies for Experimental Biology, held in Washington, D.C.

• Barry Winkler, eye institute, presented *Inhibition of Glycolysis by H₂O₂ is Not Due to Inhibition of G3PDH* at the annual meeting of the Federation of American Societies for Experimental Biology, held in Washington, D.C.

• Fay Hansen-Smith, biological sciences, presented *Postnatal Development of Retinal Microvessels* at the annual meeting of the Federation of American Societies for Experimental Biology, held in Washington, D.C.

• Erik Stier, junior biology major, was a co-author of a paper presented by Fay Hansen-Smith, biological sciences, at a meeting of the Microcirculatory Society meeting in Washington, D.C. The paper, *Heterogeneous Expression of Endothelial Cell Markers*, was carried out as part of a research project for which Stier received a Summer Student Research Fellowship from the American Heart Association of Michigan last summer.

PUBLICATIONS

• Robert Van Til and Robert Judd, electrical and systems engineering, published *A Method for Determining Quantization Levels for Digital*

Systems in Transactions, a publication of the Society for Computer Simulation. A paper by Judd, *A Technique to Calibrate Industrial Robots with Experimental Verification*, appeared in the *Journal on Robotics and Automation*, a publication of the Institute of Electrical and Electronics Engineers. Coauthor was Al Knasinski.

• Ka C. Cheok, electrical and systems engineering, along with coauthor M. Sunwoo, published *Model Reference Adaptive Control for Active Suspension Systems* in the *Proceedings of the American Control Conference*.

HONORS

• Frank Giblin, eye research, has been appointed to a three-year term as an executive editor of *Experimental Eye Research*, one of the world's leading basic eye research journals. This year he will complete a four-year term as a member of the National Institutes of Health Vision Research Review Committee. It is composed of 18 members from universities throughout the country and reviews grant applications for grants, core center grants and clinical trial grants.

• James Dow, sociology and anthropology, has been elected treasurer of the national professional organization, the Society for Latin American Anthropology.

• Philip Singer, sociology and anthropology, and behavioral sciences, has been appointed to a three-year term as an adjunct graduate faculty member in the Department of Anthropology at Wayne State University.

• Fatma Mili, engineering and computer science, has been cited in *Who's Who in the Midwest* and nominated by the American Biographical Institute for inclusion in the International Directory for Distinguished Leadership.

• Johnetta Cross Brazzell, formerly of placement and career services and now a doctoral student at the University of Michigan, received the Clifford Woody Award from the U-M School of Education. The cash award assists graduate students in the pursuit of their work.

• Darlene Schott-Baer, nursing, has been appointed to the Quality Assurance Committee of the St. Joseph Mercy Hospital Divisional Board. She and Mary Johnson, nursing, received a Faculty Research Grant to identify the predictors of nursing care requirements for home health-care patients.

• James Hoyle, English, has been named to attend the Homer Institute, sponsored by the

National Institute for the Humanities, at the University of Arizona this summer.

• Donald Morse, English, received the Robert A. Collins Award, which is named after the founder of the International Conference on the Fantastic in the Arts. Morse is only the third person to receive the award since it was established in 1984. He received it in recognition for his success in organizing and chairing the International Association for the Fantastic in the Arts Conference for the past six years and for his sustained service to the organization.

• Ronald Sudol, rhetoric, communications and journalism, has been elected chairperson of the Pontiac Cable Advisory Council, which monitors the cable franchise agreement, awards grants in support of community television and promotes public access to cablecasting.

• Egbert W. Henry, biological sciences, has been appointed to the statewide Science Education in Michigan Schools, SEMS plus Advisory Committee. The SEMS plus Project focuses on curriculum development in the K-12 school systems to bring about an improvement in science education. He has also been awarded \$10,500 from the Biomedical Research Support Program of the National Center for Research Resources for the Minority High School Student Research Apprentice Program.

• Robert Gaylor, library, has been asked to serve on the Board of Trustees of the Cranbrook Writers' Guild. The primary function of the guild is sponsorship of the Writers' Conference at Cranbrook in the fall. In addition, they sponsor talks by authors at Cranbrook House.

• John Barnard, history, has been appointed a Rockefeller Foundation Resident at the Reuther Library, Wayne State University, for the 1990-91 academic year. Barnard, who will be on sabbatical from Oakland, will work on an edition of papers and speeches of Walter P. Reuther, former United Auto Workers president, and on a history of the UAW. In 1983 he published a biography of Reuther, *Walter Reuther and the Rise of the Autoworkers*.

In the News

• Barbara B. Hamilton, rhetoric, was interviewed on WKBD-TV's *Newsline* program about high school seniors choosing careers and preparing for college. In cooperation with the Division of Continuing Education, Hamilton conducts college preparatory classes.

Jobs

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

- Director, AP-10, Upward Bound.
- Work order system coordinator, AP-3, Campus Facilities and Operations.
- Senior data entry operator, C-5, Office of Computer Services.
- Groundskeeper I/custodian I, AFSCME, Campus Facilities and Operations.
- Medical assistant, C-6, Meadow Brook Health Enhancement Institute.

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 Agriculture

Competitive agriculture research grants, June 25.

Department of Commerce

State technology demonstrations, June 11.

Department of Energy

Environmental restoration and waste man-

agement technology. Deadline announcement to be made this month.

NASA

Physics research, July 27.

National Institute of Mental Health

Mental disorders in rural areas.

Centers for Disease Control

Sexually transmitted disease research, and demonstrations, June 15.

Department of Justice

Office of Justice Programs discretionary grants.

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, 104 North Foundation Hall, Oakland University, Rochester, MI 48309-4401. 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

• Rick Smith, photographer

Bits & Pieces

LSQ Signs Recording Contract

Oakland's own Lafayette String Quartet has signed a recording contract with Dorian Productions of Troy, N.Y.

The quartet-in-residence will record quartets on compact disc for release in May 1991. The first three works will be Borodin's *Quartet No. 2*, Shostokovich's *Quartet No. 8* and Tchaikovsky's *Quartet No. 1*.

Qué Serif, Serif

Two vice presidents have joined forces to remind the university community of the importance of putting on a good face.

In this case, they're talking about type-faces. Robert McGarry, finance and administration, and David Rodwell, development and alumni affairs, say keeping a consistent graphic identity is important for the image of the university.

The university has a graphic standards program and a policy pertaining to materials produced for external audiences. They remind anyone producing a flier, newsletter or other publication for an external audience to first see the Publications Department, 109 NFH.

Materials solely for on-campus audiences may be produced by the individuals involved in the project or by the Publications Department. Either way, however, the publication must meet graphics standards.

If you have questions, call Geoff Upward at 370-3184.

No Frigid Air for Hill House

The Board of Trustees has rescinded an early board action to enter into bid and purchase agreements for air conditioning of Hill House.

The board on May 9 voted 4-0 to take the action. However, because a quorum of five was not present, the matter will come to the next board meeting for formal ratification.

An earlier decision to air condition the residence hall is no longer necessary because the Detroit Lions have decided to move training camp to the Silverdome.

Total cost of the air conditioning had been set at a maximum of \$150,000. The Lions would have paid the entire amount initially, then received a reduction in training camp charges of up to \$10,000 a year for five years.

Library Closes for Holiday

Kresge Library will close for the Memorial Day holiday weekend, May 26-28.

The library will reopen May 29 for regular spring hours of 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 p.m. Sunday.

On to Bigger Things

If the name Barbara Bryant sounds familiar for some reason, it's because the director of the Census Bureau used to work at Oakland.

Bryant was a publicist in the Division of Continuing Education from 1961-66. A profile of her describing her rise to her current position appeared in the April 19 issue of the *New York Times*.

CE Seminar Looks

at Manufacturing Techniques

Manufacturing professionals will come to Oakland on June 20 to learn the latest techniques for implementing integrated manufacturing management systems.

The seminar, sponsored by the Division of Continuing Education and the American Production and Inventory Control Society, Greater Detroit Chapter, is geared toward top- and middle-management of manufacturing companies and others involved in manufacturing systems. It has been developed by Carmen Thomas, CE program manager.

Speakers will include representatives from KPMG Peat Marwick and Unisys Corp.

Music as the Message

Handicapped Students Learn Acceptance, Social Skills Through the Common Ground of Entertainment

Sometimes words alone are not enough. Andrew Gunsberg knows the feeling, and also knows that a little music can do wonders. He uses music to bring young handicapped and nonhandicapped students together as social equals.

Gunsberg, assistant professor of education, works with students with autism and others who have severe multiple handicaps to enjoy the social aspects of ordinary life. Just as important, he helps the nonhandicapped to learn how to accept children who are different from themselves.

Gunsberg calls his work "improvised musical play." His research aims to see how music speeds social acceptance, or "inclusion," with

sons, Gunsberg says. "When things rhyme, it gives a sense of closure. It makes people remember what's been said more, because rhyme is a mnemonic, a memory device."

Gunsberg relates that music provides students with a way to enjoy themselves on their own level. "The rhythmic element is the most

that child. Whether it's a handicapped or non-handicapped child makes no difference at that point, because the music is the reason everyone looks at one person in particular.

"The music creates an atmosphere of good feelings," Gunsberg says.

What Gunsberg has found is that music alone

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I would liken the effects of the music to that of the ocean. When you go to the ocean, you see old people, young people, handicapped people; everyone is being tossed around by the waves and having a good time, because they're all in the water. The effects of music are similar.

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the severely handicapped. The research will also find ways of drawing out the autistic and getting them involved in social activities. For these children, social interaction may mean simply touching or making eye contact.

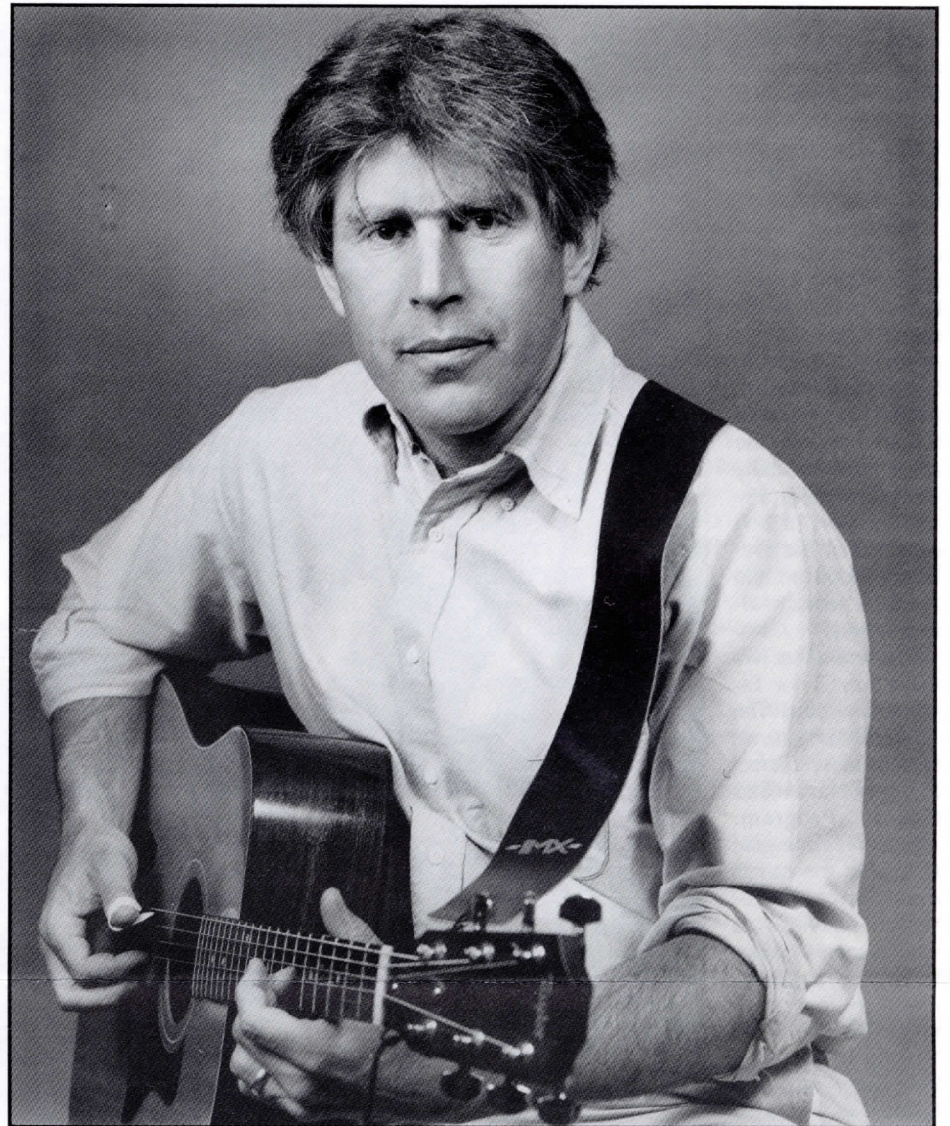
It is important for teachers to learn how to achieve this social interaction. Inclusion is federally mandated. "Most districts are trying to figure out how they can get these severely handicapped children to be in activities with nondisabled children. They don't have to be in the same classes necessarily, but in the same school. While there's a mandate to do it, there's been very little work on methods to do it."

Gunsberg advocates music as just one of many methods open to educators to make inclusion possible. "Music serves as a way of creating an atmosphere that enables non-disabled students and severely handicapped students to participate in an activity," he says. "That is, where they can in a sense be peers. You can participate in a musical activity just by the virtue of listening to the music. Interestingly enough, students with severe disabilities are able to perceive the form and structure of the music — anticipate the beat, know when to come in."

Gunsberg accomplishes his work by singing and playing a guitar. How the students respond to his music and movements depends on their disability. A child able to move only his foot may participate by shaking bells tied to his foot.

"I would liken the effects of the music to that of the ocean. When you go to the ocean, you see old people, young people, handicapped people; everyone is being tossed around by the waves and having a good time, because they're all in the water. The effects of music are similar."

Students tend to remember the musical les-



Andrew Gunsberg and his trusty guitar.

powerful, because rhythm provides structure," he says.

Gunsberg demonstrates his point by talking while clapping his hands to a steady beat. Once he stops clapping, the words continue, but the sudden loss of the beat becomes apparent, and the words suddenly appear unconnected. "You can see that it provides form, order, pattern; and it's pleasing, it's pleasurable."

Gunsberg says much research has been done by others to find out the best methods of bringing handicapped and nonhandicapped children together. One of the reasons the groups are often apart is something most would not want to admit: that it makes people uncomfortable to be near severely handicapped individuals.

"They feel a tension, an unpleasant tension between their desire to stare, because they've never seen someone with such severe disabilities before, and the cultural prohibition against staring."

What music does, Gunsberg says, is it creates "sanctioned staring." That is, children naturally watch the person who is performing or who is the subject of the song. Gunsberg may sing about a particular child and everyone watches

cannot accomplish everything. "It's music and playfulness, a playful use of music." Gunsberg may work a child's name into a song, or use lyrics that include words a child calls out.

"It's about you, it personalizes it. That puts you in a good frame of mind, in the center of activity. That kind of joy or pleasure also makes you socially generous. I think that social generosity extends toward the disabled. You're in the mood and you're willing to share with other people."

Gunsberg and his assistants will measure the success of his research by examining videotapes of their sessions. The work has been carried out at the Burgess Center in Garden City with autistic children, and the Montgomery Center in Waterford, where severely handicapped children are taught. Working with him in Waterford are Betty Negrich, Julie Hughes and Connie Rudd.

Gunsberg points out that what the students learn through music is not just improved motor skills. "With young children, the novel is the intellectual."

— By Jay Jackson

Macomb Day Brings Leaders to OU for Info Session

Nineteen civic, business and educational Leaders from Macomb County heard about the importance of their county to Oakland University at a special luncheon in their honor on May 9.

The *Macomb Day at OU* luncheon, organized by University Relations Director Margo King, included presentations about the university and introductions of scholarship winners from Macomb.

President Joseph E. Champagne and Keith R. Kleckner, senior vice president for academic affairs and provost, were among the university officials on hand for the program at Meadow Brook Hall.

During Kleckner's presentation, the audience learned of the importance of Macomb County as a source of students. Approximately

one-third of Oakland's enrollment, or 3,667 students, came from Macomb County last fall. During the past 10 years, the total was approximately 40,000 students.

"Looked at from another point of view," Kleckner said, "that means Oakland University has educated somewhere between one-fifth and one-quarter of your county's traditional-age college attendees."

Kleckner noted that because nearly 90 percent of Oakland's graduates stay in the metropolitan area following graduation, that means "you are happy to have them back in your communities as informed, productive citizens. The county, the region and the state are better off because of these well-educated young people."

The "partnership" between the university

and Macomb County includes the work of the Oakland University Scholarship Committee of Macomb County. Since 1961 when the organization formed, more than \$215,000 in scholarships has been donated to students. Twenty-eight scholarships of \$1,000 each have been awarded to Macomb County students attending OU. Kleckner recognized the work of Macomb scholarship committee members Cheri Daniels, president, and Helen Gastaldo, vice president, and introduced John Wybraniec, one of the scholarship recipients.

Also introduced was Sally Sanson, a Utica resident who received the Helene Fuld Fellowship in nursing. She will attend two conferences in Europe this summer through the fellowship. ▽

Zebra Mussels

Biologist Hopes Research Will Lead to Control of Pesky Critters That Foul the Lakes

A university biologist and the naval sea cadets will pool their efforts this summer to track the spread of a dangerous pest, the zebra mussel.

The mollusk has already spread from Lake St. Clair and Lake Erie into Lake Ontario and is spreading so rapidly that it is only a matter of time until reproducing populations are established in lakes Huron, Michigan and possibly Superior, according to Doug Hunter.

Hunter says a few unconfirmed sightings have already been reported in the upper Great Lakes, near Green Bay, Wis. He says the zebra mussel has the potential to become the most economically and biologically devastating pest of any species that has ever been introduced into North American surface waters.

The researcher will leave July 3 for Escanaba aboard *The Pride of Michigan*, an 80-foot training vessel for the Naval Sea Cadet Program. Hunter says one goal is to give the cadets experience in research activities as well as seamanship.

The voyage of about 13 days will center on five to six islands in the area near Green Bay, with some work also scheduled in Saginaw Bay. The biologist wants to determine if larvae of the zebra mussel are present in Lake Huron or upper Lake Michigan and to see if mussel populations are established anywhere on islands in the Green Bay/upper Lake Michigan region.

The unusual pest, although only averaging about one-inch, has enormous reproductive potential and is resistant to all but hydroblasting and some chemical treatment. Unlike native freshwater relatives, the zebra mussel lives in

vice has estimated that the potential economic loss in the Great Lakes from the zebra mussel could reach \$3.7 billion.

The mollusk can clog intake and distribution pipelines, corrode both steel and cast iron pipes, encrust the hulls of ships and boats, foul navigational aids and alter fish habitats and bottom animal communities, not to mention reduce the aesthetic value of beaches and shorelines.

Hunter says the zebra mussel was introduced to the Great Lakes in late 1985 or 1986 with ballast discharged from a ship originating in Europe.

Currently, no industry, utility or water-treatment plant or other commercial or domestic user is immune to the effects of fouling by the zebra mussel.

Control and minimizing the effects of this invader are among the research goals and avenues of study that include larval depth distribution, control of reproduction through establishing spawning cues, studies on distribution, studies on possible natural control by predators such as fish and waterfowl, and studies of natural parasites that might damage the mussel in the larval and/or adult stages.

Three more OU biologists will join Hunter aboard *The Pride of Michigan*. Jim Wells, Thad Grudzien and Keith Berven will work with the cadets

from the ship doing island biogeography research.

— By Jim Llewellyn



Doug Hunter examines a sampling of zebra mussels in his laboratory. He and other researchers hope to come up with methods of

controlling the devastating creatures, which are now infesting the Great Lakes.

plankton in the larval stage, allowing for rapid dispersal over great distances. It also has the ability to attach to hard surfaces and to colonize areas not previously inhabited by native mollusks.

Hunter says the U.S. Fish and Wildlife Ser-

Planning for 2001 and Beyond

(Continued from page 1) and opportunities, notably the quality and dedication of the faculty as evidenced by its record in teaching, research and other scholarly accomplishments; the quality of the university staff members; special programs like the Honors College; the Meadow Brooks (hall, theatre, festival and gallery); and the King/Parks/Chavez initiatives.

Challenges facing the university were also identified. They include recognition that the university is operating in an environment in which significant increases in state appropriations seem unlikely and in which tuition increases must be strictly limited.

Other challenges mentioned are the increasing number of state and

private institutions moving into Oakland County; a Macomb Community College partnership with area universities that includes OU, but which might still erode enrollments; and a projected decline in high school graduates until 1995 in OU's major market area.

To meet the challenges and accomplish its goals, the guidelines recommend that OU focus its scarce resources in directions consistent with its mission, goals and vision and avoid succumbing to the temptation to make across-the-board cutbacks in periods of retrenchment.

The reports asks Oakland to:

- Put in place a process to select areas in which the university will

focus its attention and resources over the next several years.

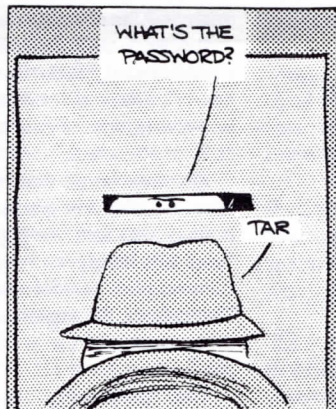
- Develop a program that allows units to compete for large internal grants targeted to develop specialized programs to take advantage of special opportunities.

- Establish an effective capital development and gift-giving strategy capable of generating a level of contributions commensurate with the university's goals.

- Expand its practice of making release time available to individuals with exceptional opportunities for securing outside grants.

- Request each academic unit to review periodically its promotion and tenure criteria to ensure that these criteria are consistent with the goals of both the university

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Professional Development Fund

Administrative-professionals interested in attending non-job-related workshops and conferences that provide professional growth should apply for funding from the AP Professional Development Fund.

Interested persons may apply at the Employee Relations Department, 140 NFH. Funds for 1989-90 are limited, and applications will be reviewed on a first-come, first-served basis.

Information sheets and applications are available in ERD. A notebook with details about various conferences will also be kept in ERD. Call 370-3480 for details or see any of the development fund committee members.

Events

CULTURAL

Until May 20 — Play, *Dracula*, at Meadow Brook Theatre. Admission. Call 370-3300.

May 18-20 — Play, *Rosencrantz and Guildenstern are Dead*, various times, Varner Studio Theatre. Admission. Call 370-3013.

May 20 — Pianist David Syme in concert, 3 p.m., Varner Recital Hall. Admission. Call 370-3013.

June 1 — Meadow Brook Music Festival box office opens. Tickets available now and also after June 1 at Ticketmaster outlets.

July 9-27 — Classes for talented young people, *The Young Shakespeare and Creative Writing*. Admission. Sponsored by Center for the Arts and Oakland Schools. Call 370-3018.

ETCETERA

May 18 — Closing day for Michigan Discovery Science Fair, all day, Oakland Center Crockery. Free. Call 370-3050.

May 18-20 — CPA Weekend, all day, on campus and at Holiday Inn of Auburn Hills. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

May 31-June 3 — Michigan Spring School for Working Women, times vary, Northfield Hilton. Admission. Sponsored by Ken Morris Center for the Study of Labor and Work. Call 370-3124.

June 1 — Labor-Management Forum, *Youth Crisis: What Labor and Management Can Do to Support the Public Schools*, 11:15 a.m.-2 p.m., Northfield Hilton. Admission. Sponsored by Ken Morris Center for the Study of Labor and Work. Call 370-3124.

June 2 — University commencement ceremonies at Baldwin Pavilion and Varner Recital Hall. Times vary by school. Call 370-2190.

June 4 — Seminar, *Research at Oakland University: Historical Perspectives and Future Directions* by Mary Otto, noon-1 p.m., 235 Hannah Hall. Free. Sponsored by Sigma Xi. Everyone welcome, refreshments served.

June 4-5 — Charlie Gehringer-Meadow Brook Golf Classic, all day, Katke-Cousins Golf Course. Admission. Call 370-3140.

June 5 — Academic Edge Toastmasters, noon-1:30 p.m., Oakland Center Abstention. Visitors welcome.

June 7, 12-15 and 18-20 — Seminar, *Cease Using Tobacco*, 7-8 p.m., Meadow Brook Health Enhancement Institute. Admission. Call 370-3198.

June 8-10 — CPA Weekend, all day, on campus and at Holiday Inn of Auburn Hills. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

June 8 — Seminar, *How to Hire the Best*, 8:30 a.m.-4 p.m., Oakland Center. Admission. Sponsored by Continuum Center. Call 370-3033.

June 8 — Forum, *Health Care Management Research*, 9 a.m.-4:30 p.m., Meadow Brook Hall. Admission. Sponsored by School of Business Administration. Call 370-3291.

June 12 — Seminar, *Joint Process Skills Series — Interpersonal Communication and Listening Skills*, 9 a.m.-4 p.m., Northfield Hilton. Admission. Sponsored by Ken Morris Center for the Study of Labor and Work. Call 370-3124.

June 14-16 — MIS Conference, times to be announced, Meadow Brook Hall. Admission. Sponsored by School of Business Administration. Call 370-2124.

June 19 — Workshop, *Understanding Hospital Finance in Michigan*, 9 a.m.-4 p.m., Meadow Brook Hall. Admission. Sponsored by School of Business Administration. Call 370-3286.

June 19 — Seminar, *Small Talk I*, 7-10 p.m., Oakland Center. Admission. Sponsored by Continuum Center. Call 370-3033.

June 26 — Seminar, *Small Talk II*, 7-10 p.m., Oakland Center. Admission. Sponsored by Continuum Center. Call 370-3033.

OAKLAND CENTER CONFERENCES

May 20-26, porcelain artists; June 2, parent orientation; June 5, summer admit daytime orientation; June 8-10, Black Alumni Affiliate; June 12-15, Universal Cheerleading Association; June 21-24, Jehovah's Witnesses; June 14-15, FTIAC orientation; June 17-22, journalism camp, MCLCA institute, and swimming camp; June 17-21, boys' basketball camp; June 18, summer admit evening orientation; June 19-23, boys' baseball camp; June 20-21, FTIAC orientation; June 24, Upward Bound; June 24-28, boys' basketball camp; June 24-27, journalism camp; June 24-29, swimming camp; June 26-30, boys' baseball camp; June 26-29, NCA cheerleading camp; June 28-29, FTIAC orientation; June 29-July 1, boys' basketball camp; June 30-July 7, Lute Society.

TOURS

Meadow Brook Hall is open from 1-4 p.m. Sundays for tours. No reservations required. Admission. Call 370-3140.

ATHLETICS

Summer camps in various sports are offered by the Department of Athletics. For a brochure, call 370-3190.