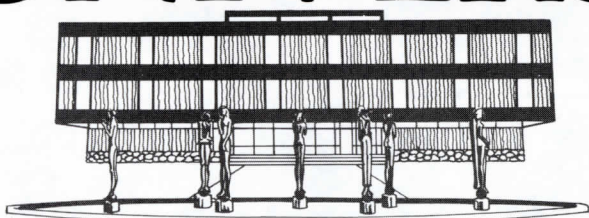


OAKLAND UNIVERSITY NEWS



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December 14, 1984

A publication for faculty, staff and friends



Tom Atkinson, Sue Marietta and Joel Russell participate in a telephone training session in the Oakland Center.

New Phones In Effect Monday

University employees will add a few new words and phrases to their vocabularies starting December 17 when they begin using the new telephones.

"Pick groups," "camping on a queue" and "parking" describe some of the features available to callers. The features are incorporated in the \$1.6 million Rolm Telecommunications System that has been installed.

The changeover from Michigan Bell to Rolm begins December 15 and will be completed by the afternoon of December 17. However, unless you have been notified otherwise, the Rolm telephones will be operational when you report to work December 17. At that time the Michigan Bell phones will be disconnected.

The most obvious difference between the Rolm phones and those from Michigan

Bell is in the exchange. The university exchange is now 370 instead of 377 and private numbers have been assigned to employees. New dialing procedures are also required for the Rolm phones. For those who have questions about the phones, Rolm representatives will be in the buildings on December 17 to offer assistance. Further instructions will be found in the new directories now being distributed. If further questions remain, a hotline (370-3400) may be called for assistance.

Pat Hogan, telecommunications, urges all employees to observe the following points:

- Advise all of your frequent callers of your new number and be sure to include the 370 exchange. Callers who continue to dial 377 will hear a recording instructing them

to dial the university's main number, 370-2100. University operators will then provide the new number and transfer the call.

- If you must be on campus December 15-16, remember that phone service will be interrupted periodically.

The switch to Rolm from Michigan Bell will mean a cost savings to OU because of Rolm's sophisticated call routing features and not having to lease telephones. Hogan said the university's investment will be recovered in about four years.

The call routing will allow for a significant savings in long-distance charges. With Rolm phones, callers will dial the number desired and the system computer will seek the least costly way to complete the call. Hogan said that will be accomplished by either routing the call over Michigan Bell or AT&T lines, MCI Communications, or foreign exchange lines the university will have to such places as Ann Arbor and Flint. Employees no longer will need to dial 171 to reach metropolitan Detroit numbers or 9 to make a local call.

The Rolm computer will also automatically consider any discounts that are in effect when routing calls.

Another advantage to the Rolm system, Hogan said, is its ability to transmit both voice and data over the same lines. The value to the university is it makes it possible to connect computer systems to the phone lines much more economically.

In the event of a major electrical failure at OU, the Rolm system's built-in, four-hour power supply will keep phones in operation. Critical phones, like those in the Department of Public Safety, will automatically be switched to Michigan Bell until power is restored.

New telephones are also being installed in the residence halls, but that work will not be completed until the holiday break.

OU began looking for a new phone service provider in late 1982 and actual installation began this past June.

Researchers Work On Herpes Cure

OU researchers are studying a new treatment that may provide permanent relief from Herpes I and II.

The treatment has already proven effective against Herpes I (most often a nagging, recurring cold sore) and the research team has applied for a government patent covering topical application of the product.

The participants have incorporated as Delta Metals, Inc., and have won a six-month, small business Innovation Research Award to complete testing. Company members are R. Craig Taylor and Parbury P. Schmidt, OU chemists, and Sarah G. Ward, an OU biology graduate and former student of Taylor's. Ward has combined her interest in biology and chemistry and been a research associate on the project for about four years.

The three formed Delta Metals, Inc. in the late summer of 1983 to qualify for the

nearly \$50,000 small business award made by the National Institutes of Health (NIH). The grant is to complete a feasibility study for the product. They will then apply for a phase II grant for marketing and commercial application.

Taylor says the treatment is centered on cisplatin, a platinum-based compound whose anti-cancer properties were discovered by Professor B. Rosenberg of Michigan State University in 1969. Cisplatin has proven to be effective against a wide range of human tumors and, on the public market for just over a decade, it is already the largest selling anti-cancer drug in the United States.

In the late 1970s, Taylor became interested in the interaction between cisplatin and the DNA molecule, the building block of the cell. He and Ward studied this interaction using the nuclear magnetic reso-

nance equipment just purchased by the university with a grant from the Matilda R. Wilson Foundation. They found that cisplatin attacks the DNA molecule and they were successful in finding that the target site was (N-7 on guanine), a base present in all DNA.

Taylor and his research associates then turned their attention to Herpes simplex virus, not only because it is widely present in humans with no known cure, but because it appeared linked to their previous research.

Taylor says the DNA base content of Herpes simplex virus is about 66 percent to 68 percent guanine and cytosine (G and C) while normal human DNA has a (G and C) content of only about 40 percent.

It appeared reasonable, they felt, that a Herpes treatment could be developed capitalizing on cisplatin's normal disposition to attack guanine in the DNA.

Preliminary tests have shown that the new treatment is not only very effective against Herpes I but that it appears to stop recurrent outbreaks of the virus, something that is very common.

Additional tests are being performed on Herpes I and II in laboratory cultures. Herpes II tests on animals will begin soon in cooperation with Dr. Louis Saravolatz, head of the Infectious Diseases Division at Henry Ford Hospital.

Taylor feels the treatment should work equally well against Herpes I and II because the viruses are very similar. A drug called Acyclovir is currently on the market and is the leading treatment for the virus. While it provides some relief, it does not stop a recurrence of the virus and there is still no real cure for Herpes I and II. Taylor, Schmidt, and Ward say they have hopes that their research may provide the answer.

While they have formed their own business, the researchers have signed a contract with OU to allow Delta Metals, Inc., to rent laboratory and office space. This arrangement is common in many research institutions, but it is OU's first such contract.

"The rental arrangement is in keeping with the university's hopes for its technology park," Taylor says. A goal of the park is to eventually provide space for promising research and business ventures that may be too small to afford laboratories of their own.

The researchers reported on the results of their nuclear magnetic resonance studies on the interaction of cisplatin with DNA bases at a NATO-sponsored conference held in Crete in July 1983. Preliminary reports of the Herpes I tests were given in a paper at the 1984 International Conference on Platinum Metals in Edinburgh, Scotland.



Hundreds of persons toured Meadow Brook Hall during its annual Christmas Walk to view the decorations. Area florists and volunteers decorated the mansion in keeping with a French theme. One such room found a number of dolls waiting for the arrival of the holidays.

President Extends Greetings

As the holiday season approaches and we rethink the activities of the past year, we want to take this opportunity to emphasize our deep appreciation for the commitment to excellence demonstrated in countless ways by each member of the faculty and staff at Oakland University.

The celebration of our 25th Anniversary has caused us to reflect upon our history as it affects the present and future of this community. We are hopeful that each person has a renewed pride in Oakland and a better understanding of our role and mission for the years to come.

Best wishes for much peace, joy, and fulfillment throughout 1985 to each of you.

Emilie and Joe Champagne

All Are Welcome

Oakland University faculty and staff are cordially invited to attend a holiday reception jointly hosted by the president and provost on Monday, December 17 from 3-5 p.m. in the Fireside Lounge, Oakland Center.



Thank You, George Matthews

President Joseph E. Champagne has sent the following letter to George T. Matthews, professor of history:

"Please accept the deepest appreciation of the entire university community for your chairmanship of the 25th Anniversary activities. Everything was conducted in a manner consistent with the tradition of excellence at Oakland. Your dedication to the task evidences your great love of this university and your scholarship as a member of the faculty.

"Thanks for a monumental undertaking that helped us to remember the first 25 years well and will help us to usher in the next with enthusiasm and strength."

● Cleveland Hurst III, special programs, and Elizabeth Glass, student services, were presenters at the second annual Statewide Tutoring Conference at Schoolcraft College. Connections II: The Art of Tutoring was designed specifically for tutors, staff, faculty and administrators. Hurst and Glass conducted a session on peer tutoring/faculty tutoring, which addressed training, rapport and peer-faculty relationships. Hurst and Glass employ undergraduate and graduate students as tutors for their programs.

● Robert Douglas, Kevin Williams, Elizabeth Glass and Cleveland Hurst, all members of the student services staff, participated in the 10th annual Mid-America Association of Educational Opportunity Program Personnel Conference in Fontana, Wis. The conference theme, **A Decade of Dedication . . . The Continuing Pursuit of Excellence**, reflected on the past with commemorative events and outlined future educational challenges. Participants came from a 10-state region.

In The News

Here's a roundup of faculty members and staff who have appeared in the media during the past few weeks.

Vincent Khapoya, political science, was interviewed three times by the Voice of America's African Service on the U.S. presidential election. One interview was conducted in English and the other two were in Swahili. He was also interviewed by the same organization about the Organization of African Unity's summit meeting in Addis Ababa, Ethiopia.

The **Detroit News** called Peter Binkert, linguistics, and Christian Wagner, engineering, about their research objective: the creation of a self-aware computer that would understand typed English commands. Their work is being considered for a Science Page story.

Jacqueline Scherer, sociology, was interviewed on the Tribune/United Cable TV news on December 12 about the effects of high-technology on the work place.

The **Eccentric** newspapers published a story on the success of the Aviation and Space Center in the School of Human and Educational Services. The **Eccentric** reporter also interviewed Jacqueline Loughheed, SHES, about the government-sponsored Oakland County student volunteer project.

Ted Landau, psychology, was featured in a recent **Oakland Press** story that cited his third-place finish at the international Othello competition in Australia. The strategy game originated in Japan and made its debut in America in 1977. The board game is played with 64 checker-like pieces.

The November/December issue of **Americana** magazine includes a lengthy piece on the Meadow Brook Hall Christmas Walk. The article, accompanied by many photos, detailed the work that volunteers and florists did to transform the mansion into a holiday showpiece.

Our People

are seen on cable systems in metropolitan Detroit.

Program graduates Chris Jaymes, a paralegal; and Padmaja Ekbote, an accounting assistant, also appeared on the show. Educational information for displaced professionals, the underemployed and the unemployed was provided.

● Jacqueline Scherer, sociology, was an invited speaker at the third International Conference on Victimology sponsored by NATO in Lisbon, Portugal. She was also a major presenter at a national Conference on Higher Education and the Citizenry in San Francisco to discuss university public service.

● Timothy A. Stanton, who received his bachelor's degree in physics from OU in 1974, will be the 1985 recipient of the prestigious A.B. Wood Medal and Prize for research in applied acoustics. The medal and prize are awarded by the Institute of Acoustics of the United Kingdom. Stanton started working in acoustics while doing a senior research thesis in ultrasonic attenuation in metals with Professor Norman Tepley, physics. He continued his study in acoustics while working on his doctoral thesis at Brown University. He is now at the Marine Study Center at the University of Wisconsin at Madison.

● Vincent B. Khapoya, political science, wrote **The Political Economy and Foreign Policy of Kenya**. It is a chapter in **The Political Economy of African Foreign Policy: Comparative Analysis**, edited by Timothy M. Shaw and Olajide Aluko and published by St. Martin's Press of New York. Khapoya spoke at the adult seminar of the Lutheran Church of the Abiding Presence in Rochester on **U.S. Policy Toward South Africa: The Reagan Era**. At the Workshop on Education and Culture organized by the Africa-Michigan Partners in Trade in Detroit, he spoke on **The Role of the World Bank and Other International Organizations in Africa**. He spoke on African Issues in the 1984 U.S. Presidential Election at the OU Residence Halls' Wednesday Seminars.

● James Dow, anthropology, presented a paper, **Tonal and Nagual in Otomi Shamanism: Therapeutic and Anti-Therapeutic Animal Images**, at the 83rd annual meeting of the American Anthropological Association in Denver.

● Daniel F. Harrison, Kresge Library, wrote **Naked Came the Microcomputer, or How to Spice Up Your Apple** for the September issue of **Small Computers in Libraries**.

● The Division of Continuing Education's accounting assistant and legal assistant programs are being discussed this week by Gloria Boddy, accounting assistant program director, on the Michigan Employment Security Commission's **Job Show**, which is carried on cable television throughout Michigan, and **The Working Channel** and **College Cable Channel**, which



Preliminary work has begun on the Walton Boulevard median adjacent to campus. The new sign designates the west Rochester Hills city limits. The city had been Avon Township until November 20.

OU Assists in Project To Beautify Walton

An OU visiting instructor of management and the director of grounds and landscaping are helping the new city of Rochester Hills in its Walton Boulevard beautification project.

The project includes landscaping the roadway median at the west city limits. Frank Cardimen, economics and management, is chairing the project steering committee, and Albert Nordheden, Campus Facilities and Operations, is designing the planting area.

The project is being coordinated by the Greater Rochester Chamber of Commerce with the assistance of OU, Rochester Hills, area residents, and community organizations. Other committee members are Rochester Hills Mayor Earl Borden, Mike Hartner of Rochester Hills, Tony Macha of Bordine's Better Blooms, Dick Huizenga of the Greater Rochester Area Community Foundation, resident Joan Schall, and Lois

Haack, Chamber of Commerce executive director.

The first phase will include plantings along Walton, to be completed next spring, at an estimated cost of \$20,000. Rochester Hills city employees will maintain the plantings. Contributors to the project may view drawings at the Chamber of Commerce office in Rochester.

Contributions are tax-deductible and checks may be made payable to the Greater Rochester Area Community Foundation. Donations should be designated for the beautification project. Family memorials are also acceptable and qualify for the same tax advantages. The contributions should be sent to the Chamber of Commerce office, 433 University Drive, Rochester, 48063.

For further details, call Cardimen at 377-3278 or 377-3282, or Haack at 651-6700.

Telefund Tops Goal

Results of this year's Telefund show that \$95,179 has been pledged, making it the most successful Telefund to date. The goal for this year's Telefund was \$90,000.

The November telephone fund drive was one part of the overall \$160,000 fund-raising campaign for 1984-85. Money pledged will be used for scholarships, special projects and other uses designated by the donor. Unrestricted gifts will be distributed by university officials next July when the fund drive is complete.

Joan Stinson, director of Alumni Relations, said about 19,000 alumni have been mailed requests for donations for this year's fund drive. The Telefund is used to follow up on that initial contact. This year's 3,672 donors represent an increase from the 3,294 who made pledges during last year's Telefund.

Although the Alumni Relations office coordinates the Telefund, donations are not used exclusively for alumni projects, Stinson said. Volunteers from the alumni, students, faculty and staff all work together on the Telefund.

Many individuals who were called during the Telefund did not make pledges but have indicated that they will in the future, Stinson said. Those persons are not counted among the active donors at present.

Stinson said the special efforts of faculty, staff and students combined to make the Telefund successful. Several departments donated goods and services for the volunteers. Of special interest, she said, were the efforts of Sheldon Appleton, associate dean, and Jan Elvekrog, administrative assistant, in organizing volunteers from the College of Arts and Sciences.

In individual accomplishments, Helen Kovach-Tarakanov, modern languages and literatures, raised \$2,730. Stinson said that she called many of her past students whose names and addresses had not been listed among the Alumni Relations records. For Kovach-Tarakanov's efforts, she will receive a rocking chair donated by the Bookcenter.

Among the student volunteers, three were cited for their accomplishments. Marilyn Borland raised \$3,935 in pledges

from 220 donors, her sister, Kathy, raised \$3,538 from 101 donors, and Holly Wenzel raised \$2,015 from 160 pledges. Each will receive a tuition grant.

Stinson said Richard Wlodyga, a 1981 graduate, served a second year as chairman in charge of organizing volunteers. He was invaluable in lining up volunteers and pitching in whenever needed, she said. Wlodyga is also a vice president of the Alumni Association.

Handleman Cited By B'nai B'rith

The university was well represented at the December 5 B'nai B'rith Foundation awards dinner at the Westin Hotel in Detroit.

Approximately 1,000 persons from throughout the area attended the event to honor Bernard A. Fauber and David Handleman. They received the annual Great American Traditions Awards based on their community and philanthropic contributions.

Fauber is the chairman of the board and chief executive officer of K mart Corp. and Handleman is chairman of the board of Handleman Co. Fauber is a member of the board of visitors of the School of Economics and Management and Handleman is an OU trustee.

Alan A. Schwartz, the master of ceremonies for the dinner, is also a member of SEM's board of visitors and a former OU trustee.

University President Joseph E. Champagne was seated on the dais and university officials and friends occupied a special table at the dinner.

Next Issue Jan. 18

The next issue of the **Oakland University News** will be distributed on January 18. All news items for that issue must be submitted to the News Service, 109 NFH, no later than noon Friday, January 11.

Funding Opportunities

Call the Office of Research and Academic Development for further details about any of the following sources of external funds. Unless noted, the due date for proposals is not known.

National Heart, Lung and Blood Institute
Left ventricular dysfunction, February 4.

National Institute on Aging
New small grant awards for pilot projects, February 1.

Environmental Protection Agency
Environmental analysis for organic contaminants in water and soil.

Nuclear Regulatory Commission
Groundwater contaminants.

Department of Commerce
Economic development assistance programs, local technical assistant projects and research and evaluation projects, February 28; and technical assistance for university centers, January 31.

Human Development Services
Family needs assessment.

Department of Justice
Probation/parole classification, December 18.

Defense Supply Service
Drug/alcohol survey.

Health Care Financing Administration
Hospice benefit evaluation.

National Institute of Mental Health
Mental health review; child and adolescent mental health research, March 1; and child and adolescent mental health research training, February 1.

Job Listings

For details about the following job opportunities at OU, call the Employee Relations Department at 377-3480, or visit in 140 NFH.

● Academic adviser, AP-6, Center for Health Sciences.

● Museum attendant I, miscellaneous, Meadow Brook Hall.

The **Oakland University News** is published every other Friday by the University Relations News Service, 109 North Foundation Hall, Oakland University, Rochester, MI 48063. The telephone is 370-3180. Copy deadline is 5 p.m. Friday of the week preceding the publication date.

● James Llewellyn, senior editor and news director.
● Jay Jackson, staff writer.
● Ann Straky, photographer.

Survey Finds Financial Aid Concerns Many

A survey of 500 Michigan residents showed that 56 percent believed that fewer than half of the state's families can afford to send a student to a state public college or university without financial aid.

The statistic was among the findings of a survey conducted for the Michigan Association of Governing Boards and the Governor's Commission on the Future of Higher Education. The survey of adults was done in October by Frank Magid Associates, Inc., of Iowa and funded by a \$21,000 Kellogg Foundation grant.

The survey results were used in compiling the commission's final report, **Putting Our Minds Together**, which was submitted to Governor James J. Blanchard on December 13.

Concerning financial aid, 96 percent said that more financial aid should be available to members of low-income households (those with annual incomes of under \$20,000). Eighty percent said financial aid

should be extended to middle-income families with incomes ranging from \$20,000 to \$50,000.

One-third responding said someone in their own household had applied for financial aid at some time. Some also said that someone in their household was unable to attend college because of financial reasons alone. An even greater number said that someone in their household had been forced to withdraw from college or take fewer courses because of financial reasons.

Other results showed that a majority of residents said colleges or universities should have more control in making policy and 10 percent said state government should exert more control. The final report to the governor was not expected to include a recommendation for establishing a "super board" to oversee institutions.

The survey also found that 70 percent said the state has the right number of col-

leges and universities. The governor's report was expected to set standards for evaluating institutions for future closing if that were necessary, but was not to include any recommendations for closings at this time.

Two-thirds said they support increased spending to repair and maintain buildings, to permit more research on campuses, and to allow colleges and universities to hold tuition stable. However, residents do not appear to favor new campus construction nor do they want to raise taxes to avoid tuition increases.

Eighty-three percent of the respondents gave positive ratings to the overall quality of the state's public colleges and universities. Eighty-seven percent said that if money were no object, they would want their children to attend a Michigan public college or university. Twenty-five percent said they think attending a Michigan public college

or university costs more than in other states.

Other findings were that:

- 75 percent said they favored increased access for handicappers, women and minorities.
- 60 percent said the quality of faculties is good.
- 43 percent said remedial instruction for college students should be provided through adult education.
- 90 percent said the preparation for careers or jobs is a very important function of colleges and universities.
- 80 percent said providing academic instruction is very important.
- 60 percent said conducting research to solve social and economic problems is very important. The survey found that 80 percent said colleges and universities play a significant role in strengthening the state's economy.



Gary Marchenia of the Alumni Association receives a plaque from Kresge Library Dean Suzanne O. Frankie as Joan Stinson, Alumni Relations director, observes. The library expressed its thanks to the alumni for their contributions over the years that have enabled a number of acquisitions and improvements.

Library Thanks Alumni

Members of the Alumni Association Board of Directors were honored by the staff of the Kresge Library for the contributions that the association has made for materials acquisitions and a room renovation.

Since 1974-75, the association has contributed over \$55,000 to the library to add to the library collections. This year, the alumni contributions were used to refurbish the instruction classroom. Desk chairs, carpeting, and posters were purchased, a new ceiling was installed, and painting was done.

The room is used for instructional seminars on library services and information sources. About 3,000 students are assisted each year. The association's

contributions mean the students will be accommodated more comfortably and will enjoy a more pleasant environment for learning.

Gary Marchenia, association president, accepted a plaque commemorating the alumni support for the room improvements. The plaque will hang on the library classroom wall.

In making the presentation, library Dean Suzanne O. Frankie said she places a high value on the special library support from alumni, noting their contributions make a lasting impact on the educational growth of current and future generations of OU students.

A Thinking Computer? Day Could Be Closer

The student paused at the computer keyboard, then typed, "I gave the red, rosy apple to my teacher."

The computer's response appeared on the screen. The computer admitted that it had never seen an apple. It asked, "What is an apple?"

A computer that will understand English commands and have a human-like awareness of its own sensory, motor and reasoning capacities is the goal of a new software system being developed by two OU professors.

Peter Binkert, linguistics, and Christian Wagner, engineering, say using the computer to analyze (parse) English sentences is not new. Their program differs from most current research on artificial intelligence by relating the meaning of words to the capacities of computer hardware. That is, for example, a robot's ability to see and manipulate an object.

One key to the design is a new grammar developed by Binkert, a simplified grammar with no transformations in syntax. This allows the computer to describe a word in relation to every other word in a sentence and to provide an unambiguous interpretation of that word. Binkert is the author of the book, **Generative Grammar Without Transformations**, published by Mouton. The book describes how the grammar, called residential grammar, simplifies and is more accurate than theories first advanced by linguistic great Noam Chomsky in 1955.

If Binkert and Wagner are successful, the student in the above illustration would describe what an apple is. In any future inquiries, the computer would know what an apple is and identify its proper use no matter where it appeared in the sentence.

The researchers have applied to the National Science Foundation for a grant to support their research. The new system would include a mainframe computer, robotic manipulator, and a vision system. The software package will include the non-transformational grammar parser already developed by Binkert and semantic and pragmatic analyzers.

The researchers say the package will have semantic features that will actually be meaningful to the system and that will relate to the semantic features used in the linguistic representation of meaning. Through this, they say, the robotic system will be able to respond to natural language sentences with genuine comprehension in terms of its own hardware capabilities.

Binkert has been parsing English sentences with his non-transformation grammar for about a year with great success. He began work on the new grammar after he encountered continuing problems in a course in syntax. He was using a text that depended upon traditional theory and said the book raised more problems than it did answers. It became clear, he said, that the entire concept was in error.

Other linguists have questioned Chomsky's theory that grammars of native languages contain two major types of syntactic rules, phrase structure rules, and transformations. (Simply put, phrase structure rules generate the deep or basic structure of a sentence and variations are obtained by transformation of some sentence elements.) Binkert is one of the first to develop a new grammar eliminating transformations. This helps the computer to do a more precise job of analyzing and representing language.

Binkert and Wagner say that despite all the efforts to develop a fifth generation of computers, the need for computer systems that are both intelligent and easy to use is still virtually unmet. What is needed, they say, "is a computer system that is more than just a user-friendly interface between a human user and more traditional software functions. What is needed is a computer system with human structure for intelligence and adaptation to its environment."

Study Disputes Depression Views

A researcher in the School of Nursing has found that many women considered to be high risks for depression do not suffer from the illness because of their strong support group of family and friends.

Anna Dugan discovered that in one high risk group in particular — single mothers of Hispanic origin — far fewer cases of depression were found than statistics for the general population would predict for it. This contradicts the generally held expectation that female heads of households of low-income families have higher rates of depression.

Dugan attributes the finding to "compadrazgo," which is an invited relationship among adults that provides comfort and support. "It's like an aunt and a grandmother rolled into one," she says.

Dugan studied 50 women living in the Vernor Avenue/Clark Park neighborhood of Detroit, a predominantly Hispanic area. The women had strong views in support of their Mexican and Spanish traditions. Dugan selected the women following interviews with a social worker and a Catholic priest from the neighborhood. Some of the women were recommended by the other women in the study following Dugan's interviews with them.

The fact that the sample group suffered less from depression than had been anticipated was important to Dugan. "I would have expected their depression rate to be high," she says. The value of the research is that it would be useful for doctors and nurses to understand such

factors as compadrazgo when prescribing health regimens for their patients. To many of the women, the compadrazgo itself is like a tonic, Dugan says, and also ties in with other folk medicine traditions of Hispanics and other ethnic groups.

The women in the study were all either mothers who never married or had divorced. They had anywhere from one to eight children living with them, although the mean was three. Incomes ranged from below the official poverty line to some in the \$30,000 range. For those in the lowest income groups, she says, food supplies often ran out about the middle of the month and the family had to turn to churches and civic groups for assistance.

Dugan speculates that a contributing reason for the mothers not suffering from depression is their view of their children. None saw them as a burden, she says, and they cited the children as sources of pride and pleasure. "It's almost as if they've redeemed themselves through their motherhood," she says.

Fitzsimmons' Poems Subject Of Event

Thomas Fitzsimmons, English, will be the guest of honor at a reception and poetry reading from 3-5 p.m. Wednesday, January 9 in the Oakland Room of the Oakland Center. The event is in recognition of Fitzsimmons' book, **Linked Poems: Rocking Mirror Daybreak**, which he co-authored with Japanese poet Ooka Makoto.

The mothers also accept their situation without complaint. "I found that there was a lot of support from one another and a lot of them were fatalistic, saying, 'Well, this is the way it is and this is the best that it can be,'" she says.

Few of the women had any desire to assimilate completely into American culture, Dugan finds. This is due in part to the geographical and psychological closeness of Mexico, she says. This contrasts to the situation some ethnic groups find themselves in, being separated from their home country by an ocean that is a formidable barrier. For the Hispanic women, many remain bilingual, even if a third generation American. They also associate primarily with members of their own ethnic group to retain their identity.

Dugan began her research four years ago while a doctoral student with Bryn Mawr College, although she lived in Detroit. The field work took two years to complete and involved extensive interviews and psychological tests to determine depression rates. Her research has just been presented to the American Anthropological Association and a paper by her will be published soon in "American Anthropologist."

The clinical psychological nursing instructor received her professional training at Columbia University, Philadelphia General Hospital, and Yale University before attending Bryn Mawr. Previous to coming to OU this fall, she taught at Wayne State University.

Sign Up Now For Aerobics

One-hour aerobics classes for beginners and advanced students will be held at Lepley Sports Center starting in mid-January.

Moderate classes will be at 5:15 p.m. Mondays and Wednesdays. Advanced classes will be at 8:15 p.m. Mondays and Wednesdays (a new class), 5:15 p.m. Tuesdays and Thursdays, and 7 a.m. Tuesdays and Thursdays.

Lockers and showers will be available. To register, call Sally Peters at 377-3198.

OU Space Center A Model For Nation



Students use the video equipment at the Aviation and Space Center frequently.

The success of the Aviation and Space Center at OU has prompted the National Aeronautics and Space Administration to establish similar programs throughout the United States.

"We have had nearly 3,000 children alone visit the center, and hundreds of adults," explains David Housel, assistant professor of education and head of the center. In addition, Housel has reached hundreds of children through workshops conducted at area schools. The actual operation of the center is now directed by Laura Snider-Feldmesser.

The Aviation and Space Center is housed in O'Dowd Hall in the School of Human and Educational Services' media center. Moon rocks, over 3,000 slides, over 200 videotapes of space missions, and 30 new 16mm films can be viewed. The 16mm films can be taken out on loan and the videotapes can be copied for teachers or other interested adults. Also in the center are hundreds of books on NASA programs. Documentaries that are captioned for the hearing impaired are new to the center this year.

Requests for videotapes of NASA missions come from as far as the Upper Peninsula. The OU center is the only one in Michigan, but NASA has already opened

centers in the Museum of Science and Industry in Chicago and at sites in Wisconsin and Illinois. NASA hopes to establish 200 centers and is committed to the expansion because of the acceptance of the OU project.

The OU project began 18 months ago and since has helped educate visitors about the space missions and NASA itself. The agency was thought of as a rocket builder, Housel says, but NASA actually conducts extensive research on oceans, energy use and other areas, as well as space exploration.

Children's favorite topics are shuttle missions, then the moon rocks and learning how things fly, Housel says. Adults, particularly teachers, also favor the shuttle missions, followed by astronomy, the solar system, general aviation, and energy-related topics.

Housel is active in teaching rocketry and space workshops for teachers and students. He and his wife, Doreen, are the authors of **Come Fly with Me**, a book and lesson plan for K-12 teachers.

The Aviation and Space Center is open from 9 a.m.-7 p.m. Monday-Thursday, 9 a.m.-5 p.m. Friday, and 1-5 p.m. Saturday. For details, call 377-2485.

Manage Information Wisely, Speaker Says

The future of information management in the corporations depends in part on how well managers will make use of the technological systems available to them, the keynote speaker at the School of Economics and Management's Meadow

Brook Seminar said.

James G. March of Stanford University noted the information revolution is fully upon us, but not necessarily well integrated into American business. He said many corporations have large information

gathering systems, but rather than use them beforehand to help in decision making, they often decide first and then gather the supporting data. Similarly, too much information can be obtained but not sorted effectively.

Irrelevant information is gathered, too, because the purpose of the decision making is not clearcut when it should be, he said. March said business theories may arise from statistics, which are not always reliable.

Modern information technology, March added, has revolutionized business and industry with the copying machine, the word processor, the electronic mail system, and the data retrieval system.

"What all of this suggests, to me, at least, is that this new technology is sitting there with a lot of capabilities, and we're not quite sure how to use it, and we're sort of falling into how to use it, and we're falling into how to use it in a way that is rather consistent with the way we normally operate our lives — which has relatively little to do with decision making," he said.

Popular conceptions of what managers do, he said, include talking, managing the telling of history, and managing symbols. "Leaders are seen as operating in a knowable, understandable world, and as controlling the events intentionally by making decisions, and as controlling their own careers by achieving success."

Personal success in business still depends much on the person's gender and who his or her parents were, March said. Further, he said, those at the top tend to filter out those who differ from them and form a homogeneous talent pool around them. Those at the bottom of an organization have clear measures of performance but those at the top find those measures are ambiguous, he said.

"So what happens as you go from the bottom of an organization to the top of an organization? You go from mundane things to sacred things," he said. "You go from calculating things to things of great importance culturally."

March suggested that those in business schools should take steps now to correct the problem inherent in organizations and traditional management systems.

Management information systems, March said, should have less to do with exploring the consequences of old alternatives for prior goals and more to do with new alternatives and new objectives. They should generate new ideas and interpret the ambiguous parts of the past, he said.

"That means the design of management information systems, I think, will be more closely tied to some of our notions of education and the philosophy of education than we believe, and less closely tied to some of our theories of decision making," he said.

Award Nominees Sought

Nominations are sought for the annual Teaching Excellence Award to be presented during fall 1985 commencement.

Any member of the OU community, past or present, may nominate a candidate for the award, which also carries a stipend. Three faculty members, two alumni, and two students will review nominations.

Formal nominations must be made as a letter with enough supporting information to permit an initial review of the nominee. Criteria include classroom performance, innovative educational practice, high educational standards, and the maintenance of a productive and inspirational learning environment. The Teaching Excellence Award Subcommittee of the University Senate Teaching and Learning Committee will then ask the nominator to

solicit one additional letter in behalf of the candidate and perhaps for further information from the nominator once the nomination is accepted.

Letters of nomination and questions about the procedures or criteria may be addressed to Will Hoffman, chair of the award subcommittee, at 334 O'Dowd Hall, 377-3448, or to any other member of the subcommittee. The deadline for nominations is February 4.

Other subcommittee members are Dan Braunstein, 412 Varner, 377-3298; Nigel Hampton, 502 Wilson, 377-2260; Anita Brouns, 340 O'Dowd Hall, 377-3436; Norma Thompson, 652-5350; Paul Van Ermen, 377-3612; or Theresa Brest, 781-5733.

Films, Dreams Explored

It's not just your imagination that some films appear to be similar to your dreams, OU English Professor Robert Eberwein suggests.

Eberwein wrote a book, **Film and the Dream Screen**, that explores the relationship between films and dreams. The basis of his analysis is a psychoanalytic theory. Eberwein's is the first book to make such a comparison, he says, and is a comprehensive study of 30 films, their dream sequences, and their relationship to the theory.

Eberwein has taught courses about films since 1972, although his fascination with the subject traces to his childhood. Film is now his main research interest and also the subject of his first book published in 1978, **A Viewer's Guide to Film Theory and Criticism**.

The latest book examines the relationship between the screen and the viewer. "That screen is an extremely complex prosthesis," Eberwein says.

Watching the screen revives the viewer's infant experience of seeing the dream images that appeared on a "dream screen" comprised of the mother's breast, or a surrogate for it, and the ego. This phenomenon contributes to the viewer's sense of the filmic images' reality.

The techniques used to create a dream screen may be subtle, such as mild dissolves or action that is not referred to as a dream until it is over. The impact on the viewer is that the viewer is forced into the

consciousness of the character, Eberwein says.

"The viewer and screen replicate the viewer and the mother's breast," he says. "First of all, there's pleasure, a sense of reality." Dreams seem real when they occur, just as the film itself seems real to the viewer who is engrossed in it as he or she stares at the screen in the darkened theater.

Among the films Eberwein discusses are **Sherlock, Jr.**, **Spellbound**, **The Temptation of Dr. Antonio** and **Persona**. In these, the characters' dream screen appears and merges with the viewer's. He also looks at the retroactive discovery that part or all of the narrative has been a dream, in such films as **Dead of Night**, **Belle de Jour**, and **The Discreet Charm of the Bourgeoisie**.

From reading the book, movie fans should be able to discover why they may like a certain film while others do not by applying the psychoanalytic theory, he says. "I want people to have a perception of the film that they didn't have before they read the book," he adds.

The book covers films produced from the turn of the century to the 1980s, but is not intended as a historical review. Eberwein says he anticipates some criticism for applying the psychoanalytic theory to film. "I expect it to be controversial because it's a bold theory," he says.

The university Bookcenter carries the book.

Gallery Offers Art Sale

An exhibition and sale of art by Michigan artists is continuing until December 13 at the Meadow Brook Art Gallery.

Items include soft sculpture by Linda Riehl, varieties of greeting cards and holiday ornaments by David Barr, Suzanne Buhrman, Denise Corley, Gene Kyle, Sue Ann Whitston and Vera Wolfe, and six large paintings on sheets and 13 paintings on pillow cases by Tyne Klewe.

Klewe was born on a reservation in Arizona; his father a Native American and his mother a Scandinavian. He was raised in Wauwatosa, Wis., and spent a considerable part of his life in the Canadian Army Medical Corps. Later he developed culinary skills and worked as a chef at the former Statler Hilton Hotel in Detroit.

Klewe's obsession with birds led him to keep 40 cages of them in his Detroit apartment. With progressed age, he conceded that the chore of caring for the birds was beyond his ability and ended that hobby. He then learned elementary painting skills through numbered kits and eventually mastered techniques to depict birds. His paintings are done with crocheted paint, sometimes with fluorescent effect, on bed sheets.

Klewe's work was discovered by well-known contemporary art collector Florence Barron.

Gallery hours are from 7 p.m. through the first intermission of Meadow Brook Theatre's **A Christmas Carol** from Tuesday-Friday. The gallery is closed Mondays.

Students Hear Corporate Leader

Students in the School of Economics and Management's MBA Strategy and Policy Class heard Philip Tomkinson, president of Federal-Mogul World Trade of Detroit, on Tuesday, November 28.

He spoke and presented slides on **Strategy Formulation and Implementation** and participated in a question and answer session. Students enjoyed the interaction

and thought his information was pertinent and useful in their business positions, said Frank Cardimen, economics and management.

As president, Tomkinson is responsible for the development of the company's international marketing and distribution activities.