

# Michigan Today

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The University of Michigan

## Flint, Dearborn Chancellors Selected

New chancellors have been named to the U-M campuses at Flint and Dearborn by U-M President Harold Shapiro and the Regents.

Conny E. Nelson, vice president for academic affairs at the University of North Dakota, Grand Forks, has been appointed chancellor of U-M Flint. William Jenkins, vice chancellor for academic affairs at the University of Colorado, Denver, was named chancellor of U-M's Dearborn campus.

Nelson will assume office June 1. He succeeds William E. Moran, who left the Flint chancellorship last August to become chancellor of the University of North Carolina at Greensboro. U-M Flint English Professor William W. Vasse has been acting chancellor since then, and will serve until Nelson's arrival.

Nelson earned his B.A. ('56) and Ph.D. ('64) from the University of Washington. He is the author of two texts, 26 poems, a short story, and many reviews and articles in scholarly journals. He has been vice president for academic affairs and professor of English at North Dakota since 1976.

Jenkins replaces Leonard E. Goodall who became president of the University of Nevada, Las Vegas, last July. He will assume the Dearborn post July 1. Bernard Klein, political science professor at Dearborn, has served as acting chancellor in the interim.

Jenkins received his B.S. from New York University and his masters and Ph.D. from the University of Illinois. He has been a vice chancellor at the University of Colorado since 1978.

## History Professor Teaches Students to Think

When recalling history class, do you think of just memorizing dates and events? You won't if your class were taught by Louis Orlin, U-M professor of Near Eastern history and literature.

"What is your name?" Orlin recently asked a student. When the young man replied, the professor retorted, "How can you be sure...?"

People are repeatedly required to prove who they are—using social security cards, driver's licenses, passports, and other official identification, points out Orlin.

### No Free Premises

Yet, he notes, college students are customarily asked to accept on faith, record, and then regurgitate massive amounts of information and concepts spoon-fed them by their instructors.

In Orlin's class, there is no such thing as a free premise.

Orlin, who received the Harbison Award for Distinguished Teaching from the Danforth Foundation, teaches history by using artifacts—objects ranging from clay tablets and judges' seals to coffin lids—as clues that students use to induce the nature of the society from which the articles stem.

### Inductive Thinking

Purpose of this teaching technique, Orlin explains, is "to train students to think inductively and conclusively from concrete materials and to effect a better synthesis between use of written sources and artifacts than is now obtained in the usual traditional methods of history teaching.

"I have always thought a liberal education should, at base, em-



Photo by Bob Kalmbach

Professor Louis Orlin of the U-M's department of Near Eastern studies examines an arrowhead from a period of time under scrutiny in one of his classes. Orlin, here with student Michele Albert, teaches history based on objects and people's relationships to them.

phasize not only a broad spectrum of information to undergraduates, but also appropriate methods through which to think about that information," he says.

### A Research Theory

Orlin's teaching method is a project funded by the U-M Center for Research on Learning and Teaching (CRLT), founded in 1962 to facilitate faculty instructional research. CRLT was "struck by Prof. Orlin's argument that students would develop a more integrated view of history if they first learned how to reason inductively and then became actively involved in deriving generalizations about a culture from the evidence at hand," says Janet Lawrence, head of faculty development at the center.

### Teaching Techniques

The project was implemented fully for the first time last fall in a freshman seminar. As part of his teaching technique, Orlin asked his students to examine a mummy and then hypothesize how and by whom mummies were made, based on their observations and corroborative study of secondary materials.

"First," Orlin says, "I wanted them to appreciate the fact of the thing itself. The validity of all concepts in history is ultimately based on an evaluation of the body of facts which supports them.

"Then we proceeded to the idea of the culture that kept this tradition alive...which led to an investigation of who supported this practice. The pharaoh, furthermore, had to set aside land for tombs and to support funerary cults, a fact which had tremendous economic and political ramifications for ancient Egypt.

"Eventually we climbed up the intellectual ladder to the Egyptian idea of death," Orlin concludes.

Likewise, he says, "a bronze ar-

rowhead can open the gate to the whole concept of war." An arrowhead, Orlin adds, is something students can experience through sight and touch, as opposed to amorphous ideas about war or death.

In 1978, a survey conducted by Professor Wilbert McKeachie found that 90 percent of U-M students rated their classes and professors as "excellent". How do students feel about Orlin's non-traditional approach to teaching?

### Student Reactions

Some students were wary of the process at the outset. "Many of them," Orlin observes, "had never been pushed to the limit of their assumptions."

"It seemed silly at first," says freshman Erik Dickenson. "It just seemed so basic...you're used to reading all that stuff in a paragraph. But you can't really know it that way.

"Prof. Orlin lets us draw our own conclusions, instead of having an historian rehash preconceptions of ideas that he's telling us."

The artifacts, says Elizabeth Shapiro from Bloomfield Hills, "are really interesting, and there's always something to talk about—something tangible."

### Advantages

Perhaps one of the greatest advantages to the system is its potential elimination of historical distortion generated through unquestioned, inherited beliefs, Orlin says.

"A by-product of the technique is that it makes students also realize that...real history sometimes runs up against a stone wall for lack of factual material. Therefore, we have to be careful of concepts that are simply delivered to us."

## Terrific Chemistry Labs...In Their Day



Photo by Bob Kalmbach

In a U-M organic teaching laboratory, chemicals are stored on open shelves, not in vented cabinets as they would be if there were room. Instruments must be brought into the lab on rolling carts because there is no proper "separate but juxtaposed" space for them. Like other labs on campus, this one is overcrowded and inadequate for the constant demands upon it. Regent Paul Brown (right) and Vice President Charles Overberger, himself a chemist and former president of the American Chemical Society, survey the problem during the Regents' tour of the building, built in 1909.

# The Union Is Making a Comeback as a Student Center!

For generations of U-M students, the Michigan Union was an integral part of campus life—a vital place for dances, lectures, student offices, and the camaraderie in the MUG (Michigan Union Grill).

"We want to refocus the Michigan Union back to its original purpose," says Jeff LeBow ('80) a student liaison with the Union.

The role of the Union in student life declined during the political turmoil of the sixties, explains Suzanne Young, Director of Student Programs and Services and Interim Director of the Michigan Union. As a result, the Union's focus became its hotel function and the University Club rather than students.

## Student Initiated

In recent years, students such as LeBow have felt a need to make the Union a student center once again. In 1977 they asked the U-M Regents to restore the Union and revitalize it for its intended use.

"Students are looking for tradition, roots, a linkage with history. They look to the Union to embody the spirit of the campus," Young adds.

The Regents appointed a study committee in 1978. The committee findings supported the students' request, and in 1979 the Union was placed under Vice President for Student Services Henry Johnson. To fund the needed restoration, the Regents authorized a student fee increase—the first for the Union since 1954.

Already, students have revived Michigras and the Paul Bunyan Ball. The Programming Committee

of the student-run University Activities Center has sponsored classes in ballroom and disco dancing and a variety of mini-class subjects. A seven-foot TV screen was installed in time for the World Series and Super Bowl.

Students also planned the President's Inaugural Ball, held in the Michigan Union Ballroom with the Tommy Dorsey Orchestra.

## Future Plans

Plans for the near future include reinstating the MUG in its original site on the ground floor. The surrounding area will be a marketplace for services such as the bookstore, a box office, automated teller, post office, and newstand or memorabilia shop.

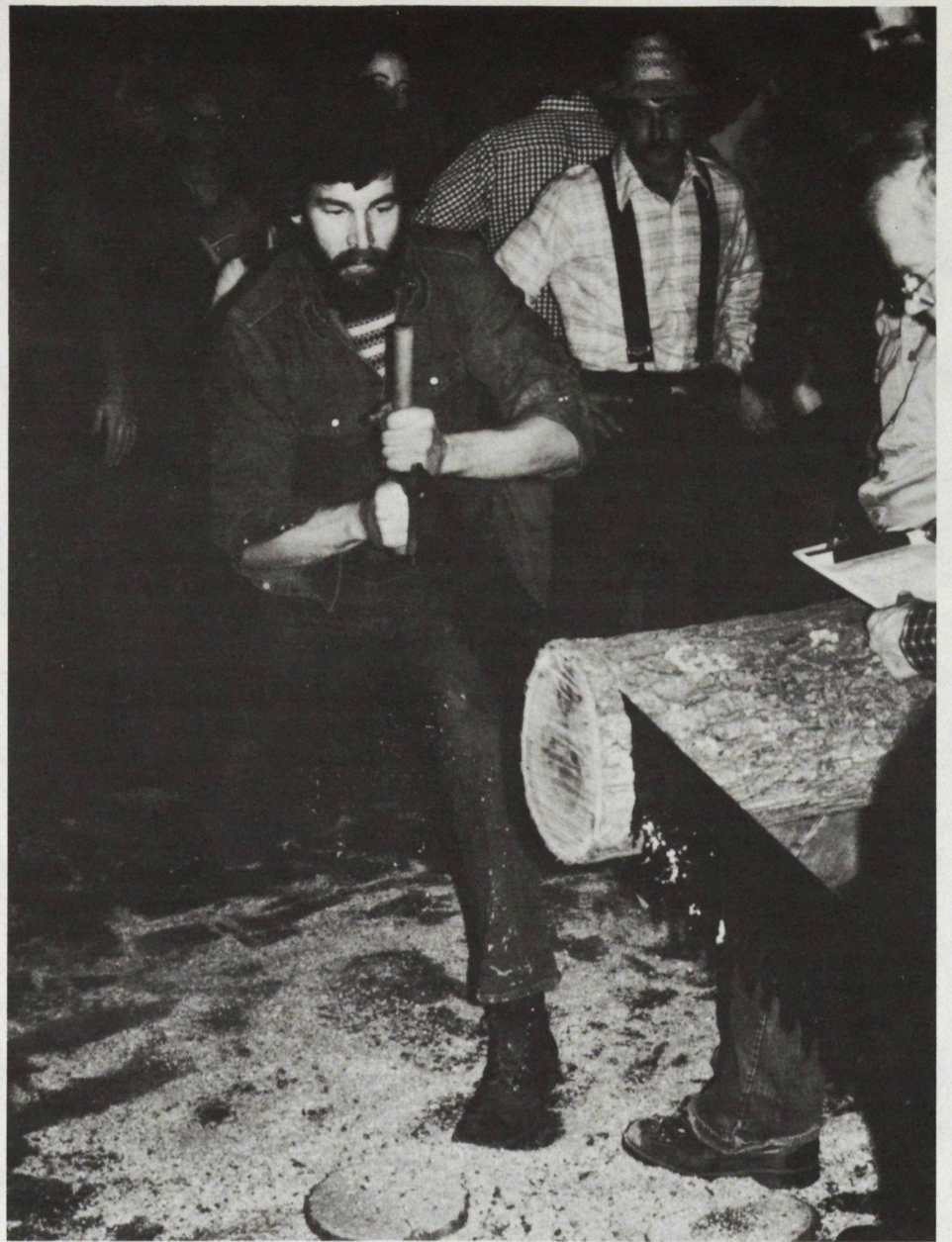
On the first floor, the University Club and Bar have already been re-decorated. "During football season, we will host pre-game brunches and post-game parties at the University Club," Young says.

"We hope to be able to show video-taped highlights of the games at the post-game party."

The Union also will house a Campus Information Center with a reference room of campus resources for students.

The hotel rooms are used as graduate student residences during the school year, and will be used for conference accommodations during the summer, beginning with the Republican Convention in Detroit this July.

"We feel that reestablishing the Union as a student center will help tie together the campus experience," Young says.



At the recently revived Paul Bunyan Ball, students compete in the Two-Man Saw Contest.

## Majority from Michigan

# U-M Enrollment Is Cosmopolitan

Students at U-M certainly have the opportunity for a cosmopolitan experience. The 34,487 students in Ann Arbor during Winter Term 1980 come from all 50 states, three U.S. territories, and 101 foreign countries.

According to Harris Olson, associate registrar, enrollment at the University has included one or more students from every state since at least the mid 1920's.

A large majority of the students, 24,378, are Michigan residents compared to 8,201 from other states and 40 from the territories. The greatest number of outstate students come from

New York	1,291
Ohio	1,247
Illinois	1,010
Pennsylvania	532
New Jersey	474
Massachusetts	423
California	394
Maryland	270
Indiana	237
Connecticut	202

Foreign students at U-M total 1,868. Among the countries represented are:

Canada	139
China, Peoples Republic of	18
China, Republic of	135
Japan	141
Korea	100
Mexico	55
Qatar	3
Saudi Arabia	56
Tanzania	2
Venezuela	126

# Internships Provide Valuable Experiences

Moving from student life to a career can be difficult. Many students have little, if any, relevant work experience—a problem not only in finding a job, but also in selecting valuable courses for future employment.

The problem has been of particular concern to liberal arts students. A new U-M internship program has been designed to give such students an edge—a current, accurate understanding of today's employment realities and some practical experience.

"We developed the program because there is a skepticism among students and employers about the work value of a liberal arts education," explains LSA Associate Dean Judith M. Bardwick.

Twenty-three juniors are enrolled in the pilot program developed to combine practical experience with classical education. The three-semester program includes a preparatory course, a job internship of at least four months, and an academic project. Students receive academic credit for the course and project, and are paid during their internship.

## Special Course

"It is the 14-week course, 'Work in America,' that distinguishes the LSA program from other internships," says Kathy E. Kurtz, the program's administrative director.

Students in the course are introduced to the vocabulary and concepts of what occurs in different organizational structures and jobs, such as profit motive, corporate responsibility, interpersonal relations, and managerial motivation and

compensation. The faculty are drawn from throughout the university—areas such as business administration, psychology, economics—as well as area corporations and businesses.

"Because of the course, students will enter their job internships with some background and understanding about the realities of the free market system and goals of individual organizations," Kurtz says. "The better prepared they are for the internship experience, the more they and the employer should benefit."

## Independent Project

Besides the course, students meet with a faculty member to plan a learning project to be completed after the job. They will keep a log of their job experiences and observations for use in the project.

"The internships are positioned between the junior and senior year so that students still have time to fit in courses, such as math or computers, that they find would be useful as a result of their work experience," Kurtz adds.

Bardwick and Kurtz are recruiting employers, both in Michigan and in larger cities such as Chicago and New York, to participate in the program. They are pleased by the response of employers, particularly U-M alumni, and hope to increase the number of internships each year until the program can accommodate all LSA students who are interested.

Gifts have helped provide seed funds for the LSA program. Kurtz and Bardwick hope to obtain additional funding to expand the pro-

gram and to provide fellowships for some good work experiences that are traditionally non-paid, such as internships with state and federal senators and congressman.

## Other Internships

U-M students have other internship opportunities as well. The Career Planning and Placement Office (CPP) has a well-established program of public service internships in Washington, D.C., and a few in Lansing. Several hundred applicants apply for approximately 100 internships, of which one-third are paid. CPP also sponsors a somewhat newer Business Intern Program.

According to Program Coordinator Cheryl Liang, alumni have been extremely supportive of the programs.

There is no academic credit for the internships, but students may arrange an independent study project within their department, Liang points out.

As part of the internship program, the CPP office arranges to house the interns at nearby universities, as well as contacts with alumni and speakers programs.

"Internships give students a sense of themselves outside the University," Liang explains. "Students gain self-confidence and have an opportunity to look at their values. It provides a good transition from student to worker."

Students in some of the more technical curricula, such as Business or Engineering, often have access to internships through their schools.

# The Vital Margin

## The Great Names of Michigan

by Michael Radock  
Vice President for University  
Relations and Development

What makes The University of Michigan great? Academic opportunities? Excellent professors? Outstanding research? Athletics?

Michigan excels in each, and each contributes to Michigan's reputation for excellence.

But many of the things that contribute to Michigan's excellence would not have been possible without the outstanding generosity of Michigan's alumni and friends.

One need only walk across campus to see the Great Names of Michigan memorialized in stone, in bronze, and in many other ways for their contributions to the growth and fame of U-M.

### Central Campus

On South University is the Law Quadrangle and the Martha Cook Residence Hall, both being the result of the substantial generosity of William W. Cook.

Across the street is the William L. Clements Library of Americana, started with a gift of books, manuscripts, and equipment from Mr. Clements in 1920.

Across the Diag is Hill Auditorium, named for Regent Arthur Hill who, in 1913, provided a gift to build it.

Horace and Mary Rackham and the Rackham Fund were generous donors to the University during 1933-41. The result was the Horace H. Rackham School of Graduate Studies building, the Rackham Education Memorial in Detroit, endowments, and a student loan fund. The Rackham Endowment has been an important source of seed money for many new research projects on campus.

Regent Emeritus Eugene Power and his family provided gifts for the Power Center for the Performing Arts in 1971. Another gift from the Power family this past year will permit expansion of the theatre to include much needed spaces for rehearsals, costume and scenery shops, and the like.

### Medical Campus

In the medical complex area is Couzens Hall, a student residence made possible in 1923 by Senator James Couzens. The next year, Mrs. Thomas H. Simpson provided the building and equipment for the Simpson Memorial Institute of Medical Research.

The benevolence of the W.K. Kellogg Foundation is evident throughout the schools of dentistry and public health. The Kresge Foundation has been a major sponsor of medical and hearing research, including the Kresge Medical Research Building, Kresge Medical Library, and Kresge Hearing Research Institute.

The Lawrence D. Buhl Research Center for Human Genetics was established from a Buhl Fund gift.

The C.S. Mott Children's Hospital, with accommodations for more than 200 young patients and a neonatal intensive care unit (believed to be the only one of its kind in the Midwest) was made possible through the C.S. Mott Foundation.

The Mott Foundation also has

been instrumental in the development of U-M Flint, along with Flint-area corporations, businesses, other foundations, and friends.

In 1969, the Harry A. and Margaret D. Towsley Foundation of Ann Arbor and the Herbert H. and Grace A. Dow Foundation of Midland provided gifts resulting in the Towsley Center for Continuing Medical Education.

The School of Pharmacy has benefitted from the generosity of the Upjohn Company of Kalamazoo which made possible the Upjohn Center for Clinical Pharmacology.

### Washtenaw and North Campus

Down Washtenaw is the Kalmbach Management Center, a converted sorority house which serves the School of Business Administration as a center for management training programs. Major contributions from Leland J. and son Dohn Kalmbach provided the center.

The Michigan Historical Collections found a home on North Campus in the Alvin M. and Arvella D. Bentley Historical Library, built by funds from Mrs. Bentley.

The Chrysler Corporation granted funds to build the Chrysler Center for Continuing Education on North Campus in 1967.

### Dearborn Campus

The Ford Motor Company Fund and General Motors Corporation contributed jointly for the Highway Safety Research Institute, while the Automobile Manufacturers Association and Fruehauf Corporation provided initial program support for the first five years of its research. Ford also gave land, improvements, buildings, and equipment that established U-M Dearborn during the fifties.

A surprising number of buildings on the U-M campus were built by private contributions. Many are named for their benefactors. Others, such as the Michigan League and Alumni Memorial Hall, are the result of the generosity of a number of supporters, including alumni and friends.

### Usefulness Assured

The usefulness of these buildings has been assured by more donors who have provided scholarships, named professorships, furnishings and special equipment needed to enhance educational opportunities.

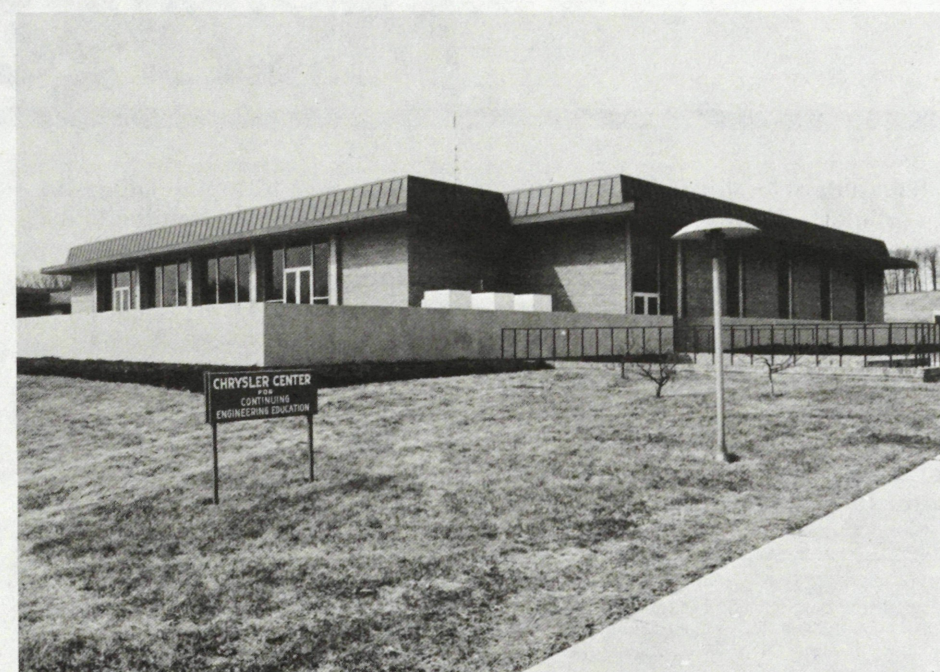
The tradition which began with a gift of 40 acres from the Ann Arbor Land Company continues today. In the medical complex, the new Alfred A. Taubman Medical Library nears completion. On North Campus, the Dow Engineering Building is under construction. An Alumni Center, financed by alumni, will soon stand next to the Lydia Mendelssohn Theatre.

The efforts of such contributors have provided an environment in which higher education at U-M has flourished and received international acclaim.

With alumni and friends such as these, Michigan will continue to hold its leadership position in the years to come.

### Photos:

From top, Upjohn Center for Clinical Pharmacology, Nancy and G. Mennen Williams Room in the Bentley Library, spiral staircase in the Power Center for the Performing Arts, Chrysler Center for Continuing Education.



## Mott Patients Receive New "Toy"—A Portable Computer

Because of the generosity of a leukemia victim's parents, patients at C.S. Mott Children's Hospital now play with a portable teaching computer during their stays at the hospital. The teaching computer was purchased from a memorial fund established by Mr. and Mrs. Edward Gerber of Owosso for their son, Troy.

The computer can be rolled from the hospital's teaching area and multi-purpose room to a bedside. It may be used by up to six children who want to play any of the many computer games. It will be used for instructional purposes as well as for fun.

"We wanted to do something for Mott," Mrs. Lila Gerber said of the gift. "We felt so close to the people there...We made many friends in Ann Arbor."

## Donor Tax Credit Extended

Michigan residents will continue to receive substantial tax credit for their contributions to colleges and universities, thanks to legislation signed by Gov. Milliken earlier this year.

The bill made permanent the tax credits to residents who contribute to colleges and universities. Started in 1974, the credit provision had been scheduled to be phased out this year.

"This bill gives University of Michigan alumni an opportunity to make contributions to Michigan and still receive a tax credit," said Michael Radock, vice president for University Relations and Development.

## U-M Researchers to Participate in Spacelab Projects

Three U-M scientists will be involved in research conducted during Spacelab flights between 1982 and 1985.

Dr. S. Roland Drayson, associate professor of atmospheric and oceanic science, will serve as principal investigator in a study of instrument development and data inversion and accuracy. His experiment, which will investigate ozone variability, will begin with a seven-day Spacelab 3 mission in late 1982.

Life science experiments for the Spacelab/Space Shuttle flights will be conducted by Dr. Matthew J.

Kluger, associate professor of physiology, and Dr. Muriel D. Ross, associate professor of anatomy.

Kluger will investigate febrile (fever) responses during space flight, while Ross will study the effects of space travel on the gravity receptors in mammals.

## U-M to Accept ACT Scores

Effective winter term 1981, U-M will accept either the Scholastic Aptitude Test (SAT) or the American College Test (ACT) for freshman admissions. Since the late fifties, U-M has accepted only the SAT for admission purposes.

While the ACT is primarily an achievement test, the SAT places greater emphasis on verbal and mathematical aptitude.

Clifford Sjogren, U-M director of admissions, noted that one factor in the policy change is that the ACT scores are required for students in the State of Michigan Competitive Scholarship Program and the Legislative Merit Award Program.

Other Michigan colleges and a number of U-M's outstate competitors already accept the ACT for admission purposes, he added.

## Actuarial Degree Established

A master of business administration degree with a concentration in actuarial science is now available to U-M students.

According to Program Director C. Lambert Trowbridge, professor of actuarial science, "To my knowledge, it is the only combination of complete MBA program and a full schedule of required actuarial courses available in the country today."

The two-year graduate study program requires students to take all required subjects of the MBA program, specialized actuarial courses, and a selection of electives in insurance and employee benefits.

## PET Omission

The article about the PET brain scanner which appeared in the previous issue of *Michigan Today* (Vol. 11, no. 4), inadvertently omitted Dr. Bernard W. Agranoff, professor of biological chemistry and Associate Director of the U-M Mental Research Institute. Dr. Agranoff is one of the directors of the program.

## Mott Hospital Receives Portable Computer



Photo by Bob Kalmbach

Laura Wallace, 15, of Alpena tries her hand at operating the new portable computer at C.S. Mott Children's Hospital while Stacey Sauve, 12, of Hemlock looks on.

## Women's Glee Club Serenades Shapiro



Photo by Robert Chase, Ann Arbor News

Despite the flying snow, U-M President Harold Shapiro (far left) stood on Regents Plaza to take in the special serenade from members of the Harmonettes, part of the U-M Women's Glee Club. Doing the vocalizing are (from left) Suzanne Lawson, Anita Baxter, Laura Edwards, Libby Geist, Terry Micks, and Wendi Strauch.

The recently revived Women's Glee Club, directed by Rosalie Edwards, is enjoying its second successful year.

The Women's Glee Club would like to hear from former members. Correspondence should be sent % The School of Music.

# Michigan Today

The staff of *Michigan Today* continues to invite you to submit suggestions for articles and information that you feel would be useful in helping to increase *Michigan Today's* responsiveness to the interests of the more than 200,000 members of the Michigan family. Address your letters to: Editor, *Michigan Today*, 3540C Student Activities Building, The University of Michigan, Ann Arbor, Michigan 48109.

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