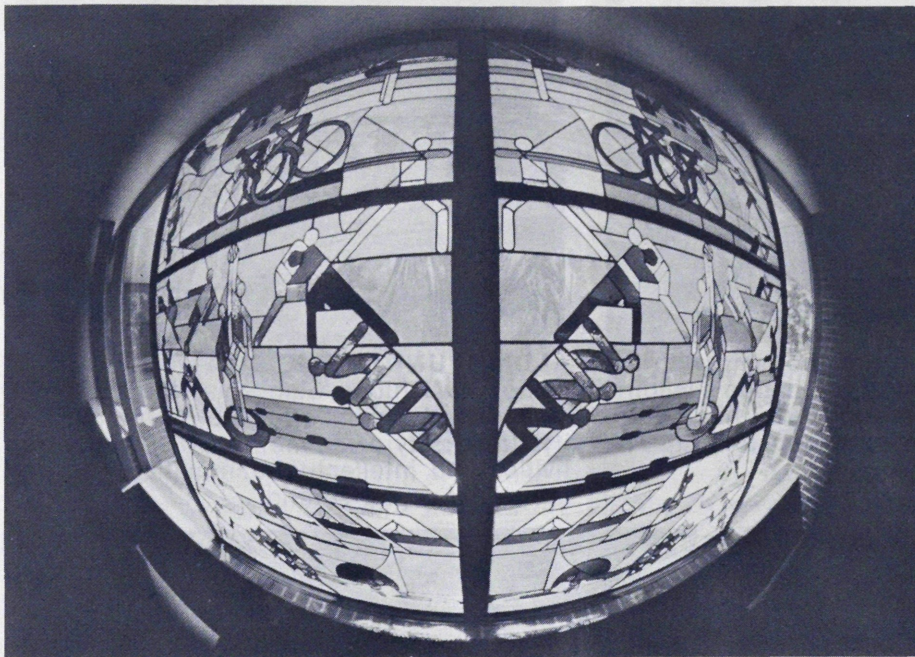


the university of michigan Today is the only Michigan publication received regularly by 179,000 alumni, friends, and faculty of the University



NEW GIFT ANGLE—Visitors to the new Central Campus Recreation Building (at the corner of Geddes and Washtenaw), the first facility built for intramural use in nearly 50 years, won't get the same perspective on the two colorful leaded glass windows donated by the late Ruth Hooke of Cincinnati as this fish-eye lens affords, but they are impressive from any angle. They portray almost every event from the Olympics.

Grads Hear French Official Praise American Strengths

"Ordeals are necessary," Francoise Giroud, France's first Secretary of State on the Condition of Women, told a Commencement audience including more than 6,000 graduates.

"It is by the way one endures them, that one overcomes them, that a character can be judged."

The highest-ranking woman in the French government, Giroud is one of the most influential women in France. A leading journalist, she helped to found and edit the magazines *Elle* and *L'Express*.

Referring to the Watergate scandal and U.S. involvement in Viet Nam, she said, "The faculty you have of exhibiting your sores instead of hiding them, is in my

opinion, the very sign that you are on the way to recovery.

"Your wounds will heal because you treat them in the sunshine of truth. The very rage with which you question yourselves is, for me, the evidence of the fantastic American vitality, of this capacity for renewal, of innovation, of invention, which is your greatest strength.

"Your country is today the only power to be all at once economic, financial, monetary, military, cul-



Francoise Giroud

tural, and political, on a planetary scale.

"Even those who wish publicly for your downfall dread it secretly because they know that if you were to let the flaming torch of freedom fall from your hands, it would be extinguished, perhaps for many centuries."

Giroud, who was active in the French Resistance movement and was imprisoned by the Nazis, re-
(continued on page 4)

Regents Give Go-Ahead to DNA Research

Following one of the most complex and important debates in U-M history, the Regents have approved controversial research involving the creation of modified bacteria through genetic transplants, "provided that it is submitted to appropriate controls."

To the best knowledge of University officials, U-M is the first major university to engage in "moderate risk" recombinant DNA (deoxyribonucleic acid) research with specific approval from its highest administrative levels.

University Committee

The resolution approved, with some modifications, the report of the 11-member University Committee to Recommend Policy for the Molecular Genetics and Oncology Program which was established last September to examine the "social, legal, and ethical implications" of recombinant DNA research.

The issue was debated at a two-day public forum attended by more than 2,000 interested individuals, discussed by a panel of nationally recognized experts, considered at numerous Regents meetings, and reviewed at a special Regents seminar session. Two weeks of particularly intensive debate about the possible risks and benefits of the research preceded the vote.

U-M Is Leader

As a result of the decision, \$306,000, most of which will come from federal funds, will be spent to equip two U-M laboratories with appropriate safety measures.

The U-M action preceded release of guidelines for recombinant DNA research by the National Institutes of Health.

U-M is the only major university to have engaged in intensive

debate over the issue, although similar discussions have been taking place at lower levels in many other centers such as Stanford, the University of California at Santa Barbara, and Harvard University.

Wide-Ranging Debate Sets National Precedent

• "It appears that only one major academic research center, the University of Michigan, has considered the pros and cons at its highest administrative levels."

—*The New York Times*

• "This is a significant issue and our procedures have always been to give the fullest possible airings to matters like this."

—President R. W. Fleming

• "The Regents have had a good opportunity to review the problem. Not only has there been expert advice, but a very wide discussion of the issues."

—Vice President for Research
Charles Overberger

• "This is a very serious matter, one where all of us have some misgivings in proceeding. But, nevertheless, this institution is dedicated to the advancement and betterment of the human race, and I think this is a good compromise in every way. It allows the research to go forward under very controlled conditions."

—Regent Deane Baker

• "In the seven and a half years I've been on this board, I would think we've given this as much attention as any issue has received. I can't remember outside experts coming in like we've had them on this."

—Regent Robert E. Nederlander

• "To deny the legitimate pursuit of knowledge is to deny the spirit of this University."

—Regent David Laro

• "The University community has had the benefit of arguments against this research. We can have complete confidence that it can be conducted here under the safest conditions possible."

—Regent Thomas Roach

• "The Regents are to be commended. The scientific potential in this decision is as great as anything that's happened in academia in a long, long time."

—LSA Dean Billy Frye

Legislature Approves Funding Authority For Main Hospital

A \$140 million revenue-bonding program for construction of a new building to replace U-M's outdated main hospital unit has been approved by the state legislature.

The new unit will include adult medical and surgical beds, some clinical services, classrooms, administrative offices, and operating rooms.

President R. W. Fleming termed the approval "a very major recognition of one of the University of Michigan's most serious problems."

Michigan Teams Boast Best Sports Record In More Than Decade

Michigan men have completed their most successful athletic season in more than a decade by winning five Big Ten titles and placing four teams among the top ten in the nation.

The Wolverines had an average Big Ten finish of second place. No team finished lower than fourth.

Sweeping everything in track and field in the Midwest, they won Big Ten titles and Central Collegiate Conference championships in both indoor and outdoor track and cross country, giving them a prestigious "triple crown." The Wolverines repeated as Big Ten champions in baseball, and won their ninth straight Big Ten title in tennis.

Big Ten Champ

These five conference championships increase Michigan's total to 195, more than any other school in the Big Ten.

In the best overall showing since 1964-65, the Orange Bowl football team, the NCAA runner-up basketball team, the championship indoor track team, and the wrestling team all finished among the nation's top ten.

The wrestling team finished fourth in the Big Ten and eighth in NCAA competition, while the swimming team was third in the Big Ten and thirteenth in the NCAA meet.

This was also Michigan's most successful season in terms of number of victories. In dual competition only, the Wolverines had 129 wins, 65 defeats, and three ties, surpassing last year's record of 125-49-1.

Women's Scores

Female athletes at Michigan also compiled an impressive record.

Leading teams were tennis (11-0), swimming (7-0), and basketball (12-6).

In Big Ten competition, the swimming team won its first conference title, while tennis was fifth, and the gymnastics, basketball, and volleyball teams all placed seventh.

Overall, Wolverine women compiled a Big Ten average finish of 5.5.

In Transition?

Please send corrections in your name or address to *Michigan TODAY*, 3540C Student Activities Building, The University of Michigan, Ann Arbor, Michigan 48109.

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Summer Takes 'U' Outdoors



ARTS ALFRESCO—Michigan's continuing relationship with the National Music Camp at Interlochen, one of the nation's leading camps specializing in concentrated arts education, has contributed to the development of the aesthetic, artistic, and musical sensibilities of thousands of young people.



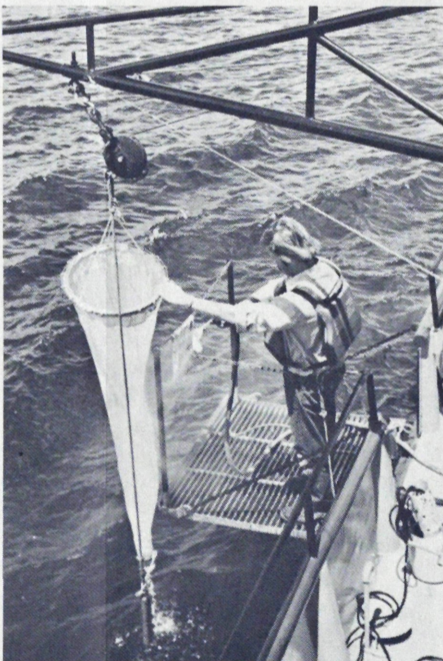
ALUMNI UNDER THE SUN—Four alumni camps in Michigan, California, New York, and Switzerland and the on-campus Alumni Family University offer memorable family activities and intellectual stimulation in a relaxed, congenial setting.



STUDENTS, PARENTS GET A NEW ORIENTATION—Throughout the summer, orientation counselors welcome groups of new undergraduate students and their parents to the campus for three-day orientation sessions. Students stay in the dorms, get to know the campus, take placement tests, meet with advisers, and schedule classes. Parents can tour facilities and meet with representatives from areas such as Career Planning and Financial Aid.



LAKESIDE LEARNING LAB—Field botany is only one of the many courses that capitalize on the unique environmental setting of the Biological Station on Douglas Lake. The world's largest inland station for teaching, training, and field work in the biological sciences, it has been a valuable learning resource for more than 6,500 advanced students since its founding in 1908.



RESEARCH PROBES GREAT LAKES—A plankton net is hauled aboard one of the two well-equipped research vessels operated by the U-M Great Lakes Research Division. A pioneer in studying all aspects of the Great Lakes and the surrounding region, the Division is a leader in "freshwater oceanography."



CAMPING FOR SPECIAL CHILDREN—Two camps sponsored by the University meet the summertime needs of special children. The Fresh Air Camp (above) provides an educational and camping experience for children with social, emotional, intellectual, physical, and sensory problems. Shady Trails Speech and Hearing Camp draws upon the experiences of daily life that involve talking and the development of interpersonal relationships in an ongoing program of speech therapy.

The University of Michigan Policy Against Sex Discrimination

No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance. . . .

—From Title IX, Education Amendments of 1972

Title IX of the Education Amendments of 1972 prohibits The University of Michigan from discriminating on the basis of sex in any educational program or activity it operates.

The University of Michigan does not discriminate in admissions, employment, treatment of students or in any educational program or activity it operates.

Additionally,

"The University shall not discriminate against any person because of race, sex, color, religion, creed, national origin, or ancestry. Further, it shall work for the elimination of discrimination (1) in private organizations recognized by the University, and (2) by non-University sources where students and employees of the University are involved."

—from Regents' bylaws, Sec. 1.14

Any inquiries concerning the University's obligation under Title IX should be directed to the University's Title IX Compliance Officer:

Gwendolyn Baker
5072 Admin. Bldg.
(313) 763-0235

In the News

Full-Time Tuition, Ticket Sales, Jobs for Grads Head Upward

TUITION HAS ITS UPS AND DOWNS—Tuition for full-time undergraduate and graduate students on the Ann Arbor campus will rise an average of nine percent in the fall. For example, in-state freshmen and sophomores will be paying \$928 instead of \$848, and out-of-state freshmen and sophomores, \$3,016 instead of \$2,756. Tuition will also increase on the Flint and Dearborn campuses. However, fees for part-time in-state students in Ann Arbor will drop from \$176 for three credit hours to \$135.

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THE HOTTEST TICKETS IN TOWN—At the end of June, football season ticket sales were 40% ahead of the previous season. "We're having a terrific season sale," said Al Renfrew, ticket manager. "The number one reason we're drawing so well is that Michigan has lost only two home games in the last seven years. People are finally convinced that this is the place to be on a Saturday afternoon." Some fans may be trying to establish seating priority for 1979 when both Notre Dame and Ohio State will be on the home schedule.

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MORE JOBS, MONEY FOR U-M GRADS—Recruiting has generally been better than expected in business, industry, and government, according to Career Planning and Placement Director Evert Ardis. Job offers are running five to eight percent ahead of last year, and salaries are up five to seven percent. Teaching is still "very slow" but shows a gain over last year, and a "flurry of hiring" is expected in August and September. U-M students benefit from the University's "long established contacts with employers," and generally show geographic flexibility, being "willing to go where the jobs are."

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U-M CONTINUES AS RESEARCH LEADER—The National Science Foundation has reported that U-M retained its national fourth place ranking in total research and development expenditures in 1974-75. Of the \$74,553,000 spent, \$46,671,000 was derived from federal funds. Only the University of Wisconsin at Madison, the Massachusetts Institute of Technology, and the University of California at San Diego budgeted more for research.

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WILBUR PIERPONT TO LEAVE ADMINISTRATIVE DUTIES—After 25 years as Vice President and Chief Financial Officer, Wilbur Pierpont, U-M's senior vice president in length of service, will leave his administrative duties Dec. 31. He will spend a major part of his time as professor of accounting and will continue to work with the Development Council on major fund raising projects.

During his tenure as vice president, the University's annual budget grew from \$147 million to more than \$844 million. He has overseen fiscal affairs, personnel, plant operations and building construction, purchasing, business operations, investments, legal affairs, and audit programs.

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KUDOS FOR COMMENCEMENT—The following excerpts were taken from a letter received following Commencement ceremonies: "In the course of my personal and business life, I

have always felt that when something was done on an especially high level of good taste and accomplished an almost unbelievable objective of planned performance, then that attainment ought to be recognized and applauded. . . . (It was) a perfect example of superb good taste in the academic field and an occasion of great enjoyment for my family and myself."

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U-M DOCTORAL DEGREES GRANTED FOR 100 YEARS—U-M awarded its first Ph.D. degrees in June, 1876, to Victor Vaughn and William Henry Smith, both of whom also earned MD degrees from U-M. Vaughn became dean of the Medical School and Smith practiced medicine in St. Clair, Mich. Since that time, more than 16,400 doctoral degrees have been awarded, including 232 at the June Commencement.

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BICENTENNIAL PIONEERS—New frontiers still remain for women, and U-M alumnae are conquering them. Three alumnae currently in the news are Matina Souretis Horner, Janet Guthrie, and Robin Wright.



Matina Horner



Janet Guthrie



Robin Wright

Horner (Rackham '68), the youngest president of Radcliffe College, received the 1976 Alumnae Athena Award for outstanding professional distinction and humanitarianism. Her reputation as an experimental psychologist is based on her studies showing that women often fear success. The mother of three, she combines the "traditional" female role with her professional life as college president, researcher, and teacher.

Guthrie (LSA '60), physicist, pilot, one of four women who passed the first tests for NASA's scientist-astronaut program, and professional racing driver, was the first woman ever to enter the Indianapolis 500, but failed to qualify because of car trouble. A.J. Foyt loaned her his car, and she proved that she could qualify. Her racing car is emblazoned with the head of Athena, goddess of war, arts, and intellect. She says she'll be back next year.

Wright (LSA '71), journalist on leave from the *Christian Science Monitor*, was arrested, imprisoned, and then expelled from Angola following her refusal to testify for the prosecution in the trial of 13 white mercenaries captured during the civil war. She was the first to report the alleged killing of 14 British mercenaries by their officers. During her first-hand coverage of the civil war, she has had several brushes with death.

New Major Donors Boost Benefactor Total to 326

Thirty-six donors including individuals, corporations, and foundations have qualified as Michigan Benefactors during the third year of the Major Gifts Program by committing at least \$100,000 each to the University.

Since the program's establishment, 326 Benefactors have been recognized. Among those identified as Michigan Benefactors are 106 living individuals, 89 individuals in memorium, 74 corporations, 50 foundations, and 7 associations.

Cumulative giving by the group since January, 1961 exceeds \$172 million.

New Benefactors were recently honored at a dinner hosted by President and Mrs. R. W. Fleming.



DENTAL SCHOOL IS ON THE ROAD—Through a course that deftly combines educational opportunity and public service, senior dental students gain practical experience while treating migrant workers. Two mobile units, each completely equipped for all basic dental procedures and staffed by two dentists and one certified dental assistant make dental care available to migrant workers at several locations throughout the state.

'Bo' Is On The Mend Following Successful Open Heart Surgery

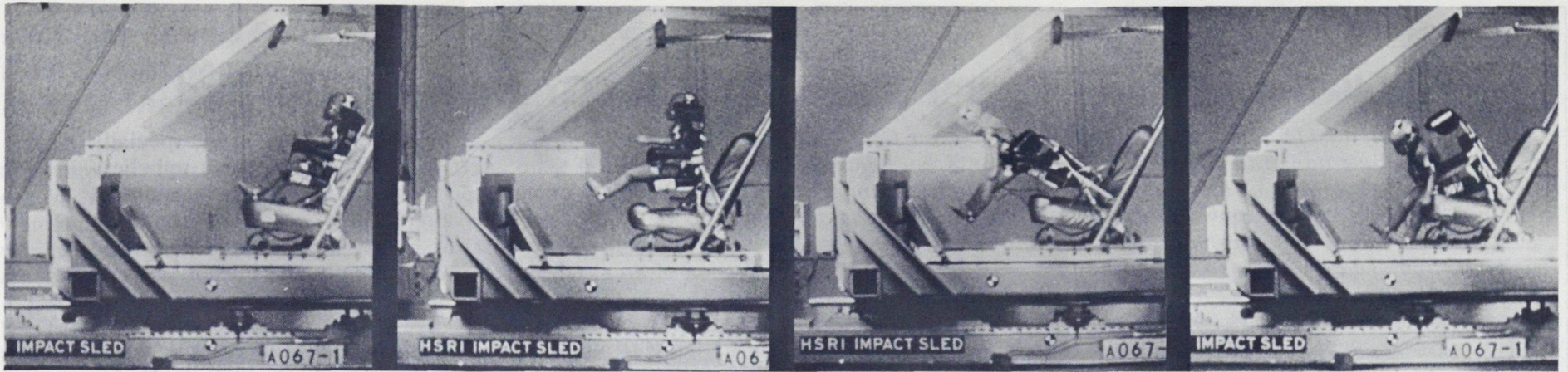
Football coach Bo Schembechler is making a "very successful" recovery following open heart surgery on May 20. Four coronary bypasses were accomplished during a six-hour operation.

He has even been stopping by his office but said, "I'm not putting in any 12-hour days, though."

Concentrating on his rehabilitation program, he walks six miles a day.

"I'm walking them pretty fast. I keep pretty close track of weight, I can't afford to let that go."

At home, he studies films of spring practice and of fall opponents and jots down notes for his assistants. "I'm the only coach on the staff who's behind," he said.



ACCIDENT IN ACTION—The HSRI impact sled allows researchers to simulate crash situations which are recorded by high-speed cameras.

University's Highway Safety Research Institute Saves Lives

Each day at the U-M Highway Safety Research Institute (HSRI), investigators evaluate factors that are of life and death importance to motor vehicle drivers, their passengers, and pedestrians or cyclists using the roadways.

"Despite significant improvements during the last few years, our transportation systems can be made much safer, more conven-

ient, and more economical than they are now," said Prof. Robert L. Hess, Director of HSRI.

"If highway death and injury rates and national totals are to be further reduced, drivers, cars, roads, laws, and attitudes must continue to be changed; the most dangerous components of the overall system must be better identified and further modified.

The prime mission of HSRI is to facilitate these modifications through effective research."

By its very nature, research at HSRI is interdisciplinary. The broad range of transportation problems involving drivers, vehicles, and highways is a complex mix of social, economic, political, environmental, engineering, medical, and public health issues.

Since its establishment in 1966 through a gift from major automobile manufacturers, HSRI has been a recognized leader in safety research. While the motor vehicle manufacturers remain a vital source of research support, more than 75% of its \$3.5 million annual funding comes from sources other than the auto industry—most notably, federal agencies.

"The Institute provides a service for other participants in the transportation scene by developing new knowledge as well as new research techniques," said Dr. Hess. "Programs in transportation safety research are designed to establish in-depth understanding of the most dangerous elements of our system; establish how much safer the system would be if various changes were made; and, finally, establish what social, economic, and political costs would be incurred, and by whom, if a change were put into effect."

Sophisticated Approach

HSRI approaches its projects from a sophisticated standpoint, using computers, mathematical modeling, and extensive research laboratories and equipment.

A sample of the 44 HSRI projects currently under way or recently completed includes identification of problem-drinking drivers; predicting and testing the emergency maneuverability of passenger cars; computerized data analyses to pinpoint roadway design problems; development of better means of protecting occupants during crashes; improvements in vehicle lighting; and collection of a nationally representative sample of physical measurements of infants and children.

Computerized Crash Data

HSRI is also the national repository for research-oriented computerized crash data.

During the past 10 years, the Institute has completed more than 350 projects, and the study reports have become part of the open research literature. According to Dr. Hess, "HSRI is an example of how a great university can respond to a very real and pressing problem in American society."

Buckle Up!

Results of an HSRI study show that 62 of every 100 auto fatalities could be prevented by the use of lap belts or lap-and-shoulder belt restraints.

The Vital Margin

U-M Retains Spot in National 'Top Ten' of Total Giving

For the second consecutive year, U-M is among the top ten colleges and universities in the nation in the amount of total gift support received.

Figures for 1974-75 recently released by the Council for Financial Aid to Education (CFAE) show that the \$22,226,087 received by Michigan was the ninth highest in the nation. Harvard University, which received \$52,396,051 led all institutions in amount of gift support.

Third Public Institution

U-M is the third-ranked public institution, surpassed only by the entire nine-campus University of California system and the University of Minnesota.

Nationally, more than 33% of gifts to higher education were obtained from individuals, compared to only 15.6% of the gifts received by U-M. Other sources of gifts to Michigan in 1974-75 were corporations (34.1%), foundations (29.1%), bequests (13.4%), and other (7.8%).

U-M Donors Are Leaders

"Our alumni and friends have traditionally been among the leaders in providing voluntary financial support to enhance the quality of education at a public institution," stated Michael Ra-

dock, vice president for University relations and development.

"However, as shown by the high percentage of individual donors who support our peer institutions, our gifts and percentage of participation can be greatly increased.

"The challenge of being a leader in alumni support, as well as in academics and athletics, is a goal worthy of this University.

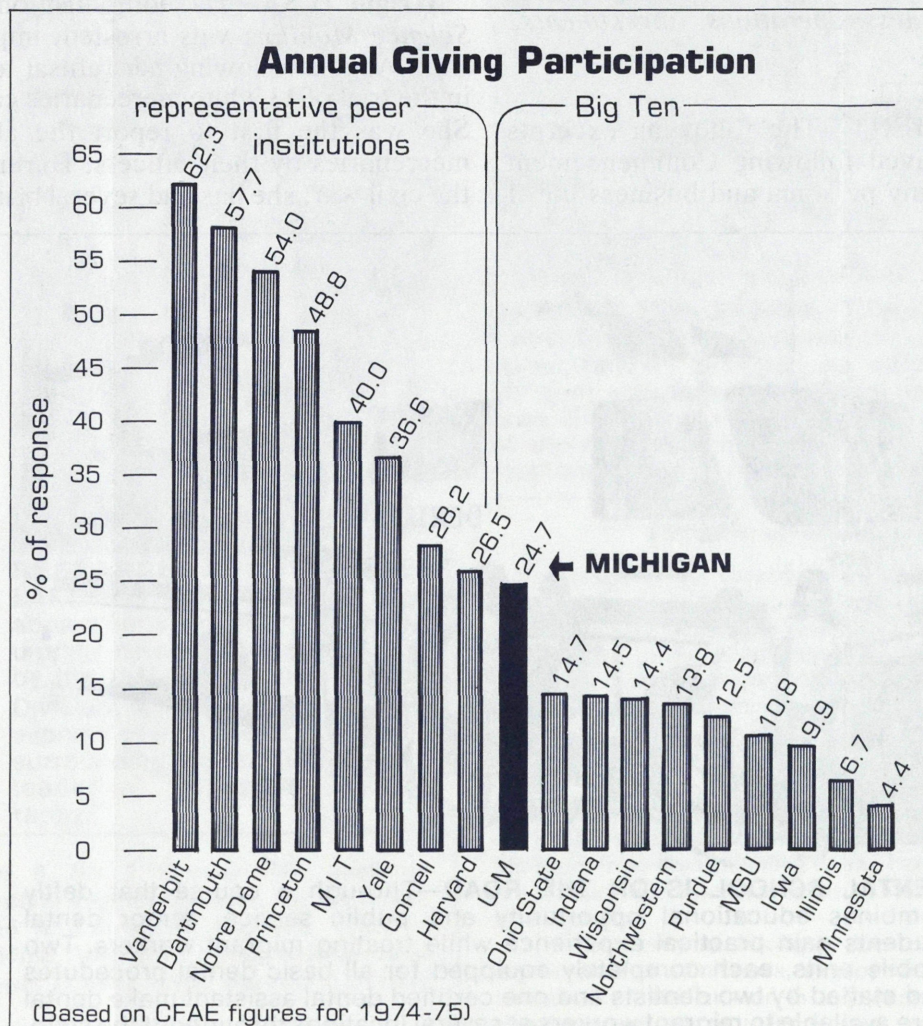
"The aim of the Development Council is to increase donors to the Annual Giving Program from our total of 46,500 to 50,000 by 1980."

Participation in Annual Giving Program Exceeds National, Big Ten Averages . . .

U-M reported a 24.7% response rate to appeals for annual fund support in 1974-75, compared to the national average of 17.7% and the Big Ten average of 13.7%.

. . . But Trails Major Peer Institutions

But, despite the fact that the percentage of individuals who support Michigan's annual fund surpasses both national and Big Ten averages, a significant number of peer institutions receive financial support from a much larger proportion of their alumni. (See illustration.)



Giroud (continued)

called the exuberance of the American landing on D-Day. "Children hailed you, women loved you, men envied you. You were the heroes, the liberators . . . the Good triumphing over Evil." But, she added, subsequent generations do not have that perspective.

"I have always believed that if it were possible to send all young Europeans to visit the United States, and to pay then also a trip to the Soviet Union, there would be no Communists in our country."