

the university
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Today

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President Fleming accepts a check for \$2.1 million in alumni gifts, from Annual-Giving Fund Committee member Mrs. John Ludlow, '46 LSA, of Ann Arbor. Presented at the Annual Alumni Luncheon, May 3, 1970, the check represents Annual-Giving Fund receipts for the first 10 months of 1969-70 fiscal year.

'The University cannot survive without support, cannot be great without independence' — Fleming

The following is excerpted from remarks delivered by University of Michigan President Robben W. Fleming at the University's commencement on Saturday, May 2, 1970:

"It is a pleasure, as always, to greet those of you who are here for Commencement. Students are often blasé about it (I remember I was), but in a world which so easily labels things 'good' or 'bad', not all pomp and ceremony are bad. Graduation is still a landmark in the individual's career, and an enormous source of pride to his family. It is also a grand opportunity for alumni to return, for parents to contemplate with pleasure the removal of their offspring from the family payroll, for administrators to breathe a sigh of relief that another term is over, and, not least of all, to ponder for a moment the meaning of a University.

"There are two simple facts about a university which have been lost sight of recently. One is that it cannot survive without the support of the taxpaying public and/or private donors. The other is that it cannot be great without a large measure of independence from both the legislature and the donor. The balance between these constituencies will always be uneasy, because it is in the nature of a university that students and faculty will often espouse views which are, as of that moment in time, unpopular. Never-

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Unique Among Public Universities

Ford Gives 'U' \$2 Million to Found 'Society of Fellows'

The University of Michigan has been awarded a grant of \$2 million from the Ford Foundation to set up a kind of graduate student program unknown at other public universities, according to U-M Vice President and Graduate School Dean Stephen H. Spurr.

The grant establishes the Michigan Society of Fellows to be modeled on a program at Harvard that has produced two Nobel and five Pulitzer prize winners, as well as a long list of distinguished scholars and public leaders.

Ford Foundation President McGeorge Bundy said, "Michigan has wisely recognized that there is no inherent contradiction between the encouragement of excellence and the constant widening of the circle of educational opportunity. A democratic society can be both inclusive and selective. Indeed the admission of ever larger numbers of citizens to colleges and universities should serve to raise even higher the level now considered the top," Bundy noted.

The Foundation president added, "The University of Michigan's initiative in creating a Society of Fellows is significant for higher education, and we are glad to be able to help. It is most encouraging that a public university should be making this special effort to apply resources and attention to the development of a few of the exceptionally gifted at the same time that it seeks to respond to necessary and urgent needs of the growing student population."

The Michigan plan, according to vice president Spurr, calls for 18 to

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Blue Teams Take Big 10 All-Sports Title Again

Buoyed by championships in football, tennis and gymnastics, Michigan's Wolverines captured the Big Ten's All-Sports championship for the eighth time in the last 10 years.

Michigan edged Michigan State with a 7.18 point average to the Spartans' 7.12 in one of the tightest races in years for the mythical championship.

Minnesota with two team titles was third with a 6.96 average, while Ohio State, also with a pair of titles, was fourth with a 6.45 average.

The point average is based on awarding 10 points for first, nine for second, eight for third, etc., with this total divided by the number of sports in which each school competed.

Michigan participated in 11 varsity sports and accumulated 79 points to post the top average. Michigan State fielded teams in 13 sports for 92.5 total points and a 7.12 average.



Philanthropist Charles S. Mott

Fourth Mott Gift to Expand U-M at Flint

A \$1.2 million gift from the Charles S. Mott Foundation in Flint makes possible expansion of the University's Flint College. The grant covers the purchase of 17.5 acres of urban renewal land and site development costs. The tract is near the present Flint Campus in the city's College and Cultural Center.

A classroom and office building is planned as the first structure on the new site. Action by the Flint City Commission is expected to complete the transaction, and state planning funds for the first building may be released by mid-1970.

This latest Mott Foundation gift is its fourth

major contribution, totalling \$6 million, to The University of Michigan in Flint. The Mott Memorial Building was built for University use with \$1.2 million from the Foundation in 1956; it was enlarged in 1965 by an additional \$2.1 million contribution. In 1961, a \$1.5 million gift built the Charles Stewart Mott Library, which serves both the Flint U-M and Flint Community Junior College.

In addition, the Foundation gave \$6.5 million for the Children's Hospital at the U-M Medical Center in Ann Arbor, recently completed.

'We cannot avoid trouble, but we can avoid disaster'—Fleming

(Continued from page 1)

theless, a reasonable degree of compatibility can usually be maintained. Unfortunately, this is not so at the moment. The balance is not only imperilled, it is on the verge of destruction.

"Violence, which most of us deplore, has increasingly engulfed campuses. With it comes an increased polarization between those who must support the university and those within it who must make it great. The public is increasingly skeptical of the ability of the University to govern itself, and the members of the internal university community are increasingly fearful that they will be controlled from the outside.

"Unless one believes that the University is so hopelessly corrupt that it ought to be destroyed, and I find very few such people, there is only one answer. The answer is rarely used any more. It is not violence, not destruction, not coercion, not massive police intervention, not the National Guard, not automatic expulsion, not vindictive penalties, but rather a firm resolve by students, faculty, administration, and governing boards that they will live together in a rational manner. That means an end to non-negotiable demands, a realization that there can be communication without agreement, an understanding that not all differences are reconcilable, and willingness to seek an honorable compromise.

"In this precarious period, the wounds of the academic world are too serious to be exploited for political purposes, however popular that may be. . . . Every study of campus turbulence shows that it is directly related to national policies which are largely beyond the control of universities, but which are unpopular with the youth of the country. Every college and university which dedicates itself to an increase of opportunities for black students does so in the belief that America cannot be true to its heritage unless it is willing to correct long-standing inequities. . . .

"Everywhere in the land there is a mood of great pessimism about higher education. Too many people in both the external and internal constituencies are willing to subject its fragile shell to unbearable pressures. I remain optimistic. We cannot avoid trouble, but we can avoid disaster. Toward that end, I ask your help, your tolerance, your understanding, and your patience."

'Opportunity Award' Answers Available

1. Was it wise or proper for the University to consider a 10 per cent Black enrollment goal for 1973-74?
2. Can this program be funded without seriously impairing the balance of the University?
3. Will the quality of The University of Michigan deteriorate?
4. What about the violence, intimidation, and destruction that accompanied the strike?

President Fleming's recent 'Letter to the Faculty' deals with these questions. A special pamphlet answering questions on other aspects of the expanded Opportunity Award Program involving the issue of minority enrollment is also available.

Please write the: Vice President for University Relations and Development, 1020 Administration Bldg., The University of Michigan, 48104, for copies if you wish them.

Grant to Fund 'Fellows'

(Continued from page 1)

30 junior fellows, eventually selected by a group of nine to 12 senior fellows drawn from the U-M faculty. The junior fellows will be graduate students who have completed one to three years of graduate work. "Once admitted to the Society," Spurr said, "no limitations will be placed on the course of their studies. They will have complete freedom to follow their chosen paths, to attend whatever classes they desire, to take or not take a Ph.D., to be close to senior fellows without in any sense being supervised by them."

The only obligation upon the junior fellows is to meet with the senior fellows once a week for dinner.

"For a public university, this is a pioneering venture," said U-M President Robben W. Fleming. "We are grateful for not only the financial support but also the recognition the Ford Foundation has given Michigan."

The Ford Foundation's single non-renewable grant to start the Michigan Society of Fellows will be invested, along with other financial support which may be developed for the Society. A limited number of additional fellowships will come from existing U-M graduate school endowment funds, used for post-doctoral and dissertation fellowship programs.

Vice President Spurr hopes four junior fellows will be selected for the coming academic year.

RE: The Environment

U-M Professor Stanley A. Cain was recently named "eminent ecologist", one of the highest honors of the Ecological Society of America. In June, the U-M Regents appointed him first director of the University's new Institute for Environmental Quality.



Prof. Cain, who now is the Charles Lathrop Pack professor of conservation in the U-M School of Natural Resources, recently completed three years as U.S. assistant secretary of the interior for fish, wildlife, and parks.

The Ecological Society acknowledged that Prof. Cain "has preceded us and led us in the development of the science of ecology."

Educated at Butler University and the University of Chicago, Prof. Cain taught at Butler University, the University of Indiana, the University of Tennessee, and Cranbrook Institute before joining the Michigan faculty in 1950.

'U' Creates Environment Quality Center

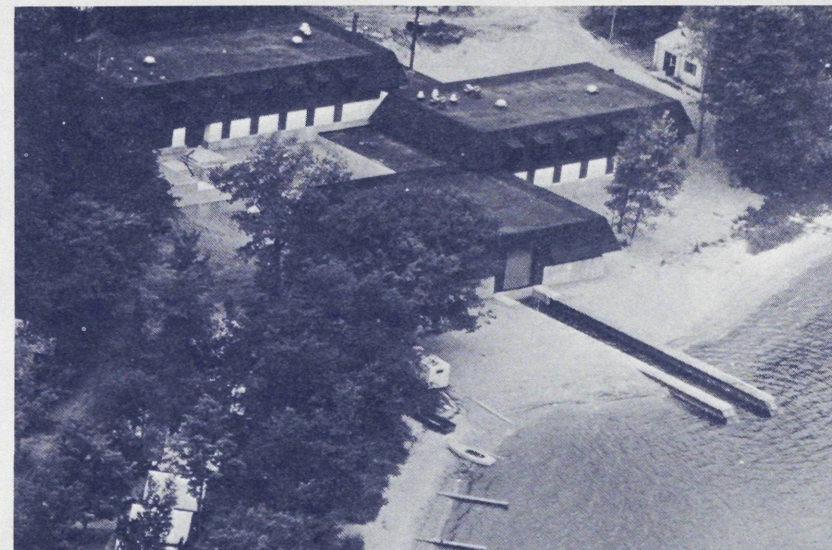
An Institute for Environmental Quality has been established by The University of Michigan "to unite and co-ordinate the present variety of efforts of the University and to stimulate additional activities."

As reported in the Spring issue of U-M TODAY, various University departments have long been active in environmental studies, a number of which have achieved distinction, according to U-M vice presidents Allan F. Smith, for academic affairs, and A. G. Norman, for research. "What is needed now" they indicated, "is a broad umbrella-type organization under which activities of existing groups and others to be brought into being, can proceed. It will provide a home and initial support for new associations and alliances, and developing innovative approaches to environmental problems.

"The University has a clear responsibility to provide the new knowledge and trained people required by society if it is to solve its pressing environmental problems," the vice presidents said.

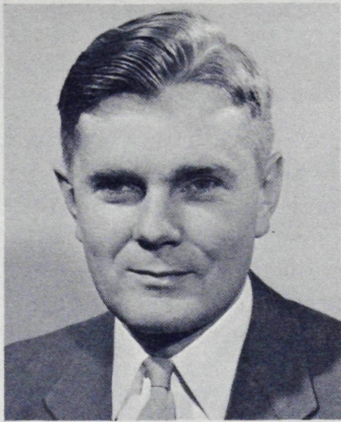
A program of graduate fellowships has been established to support doctoral training in fields related to the environment. Eleven appointments have been made by the Rackham School of Graduate Studies.

The University recently received a \$750,000 grant from the Rockefeller Foundation to expand teaching and research programs relating to the environment.



U-M Laboratory, near Pellston, Michigan, provides a focal point for environmental research at the University's Biological Station, largest fresh-water station of its kind in the world. Established in 1909 on land donated by Col. and Mrs. Charles Bogardus, the station has concentrated on the study of ecology, the close relationships between

plants and animals and their natural environments. Among the station's notable alumni are two Nobel Prize laureates, Thomas H. Weller and James D. Watson, in physiology and medicine. The station's director is Prof. Frederick K. Sparrow Jr., internationally known for work on fresh-water and marine fungi.



by Prof. Hansford Farris
Associate Dean

A successful working relationship between an industrial firm and the College of Engineering requires commitment at each end of the connection. The sincere interest and efforts of William E. Mahaffay, group vice-president of Whirlpool Corporation of Benton Harbor, Michigan and Gordon Van Wylen, dean of the College of Engineering have produced an effective association for both of us.

At the same time both faculty-staff and volunteer groups play an important role in building this kind of relationship. For example, the Industry Committee of the Col-

Co-operative Endeavor: 'M' Engineering & Whirlpool

lege enlists the dedicated effort of about twenty Michigan-oriented industrialists, including William Mahaffay, who wish to strengthen the College as an asset to our state.

Within the College, the Industrial Sciences Group, organized by Prof. Thomas W. Butler Jr., of the Electrical Engineering Department, has the role of demonstrating to industry the impact of recent technological developments, on or off campus. In the Whirlpool case, for example, ISG set up a Technical Advisory Board involving senior company personnel responsible for long-range planning, and senior faculty personnel who can discuss the relevance of types of proposed research to that firm. Out of those relationships have come several grant and gift arrangements that have been extremely useful.

The laundry division of Whirlpool has for several years sponsored support programs for first-year graduate students in engineering. The student devotes about twelve hours each week to a problem of interest to the sponsor, thereby

building up expertise in that field (e.g., the state of the art in fluidics). He also visits the corporation's facilities, learning first hand of the importance of his work. In return, the student receives a support stipend of about \$3,000 a year.

In addition, a few years ago, while Bill Mahaffay and other Whirlpool executives were touring the Engineering College facilities, they noted that study space for students and facilities for student organizations were meager. This led to a gift to be used in furnishing facilities when the College moves to the North Campus, but a portion was utilized immediately to refurbish a student study room and the office of the *Michigan Technic* in the East Engineering Building.

Sponsored research work of interest to the corporation and to individual faculty members has been continuous in recent years. For the year recently ended, Whirlpool had four contracts with three departments. Students have been an integral part of that research activity, too.

Of course, individual consulting services of faculty members, expert in specific areas such as computer utilization, industrial process optimization, and other subjects continue on an ad hoc basis. In addition, Whirlpool avails itself of a wide spectrum of expertise through its annual subscription to the Industrial Affiliates Program of the College. This provides the corporation with specialists in advance of private negotiations for consultants, enables them to have in-plant seminars given by faculty members, supplies them with complete notes from Engineering Summer Conferences, and, in general, provides an open line into the College of Engineering and its resources.

Through all of these endeavors many personal ties have been established, with fifteen to twenty persons on each end of the connection being on a first name basis. Such knowledge of each other's operations, problems and strengths dispels natural suspicions and encourages long-time stability in an excellent spirit of cooperation.

Six Women Get CEW Scholarships

The first awards in a unique scholarship program for adult women returning to college were given recently by the University's Center for Continuing Education of Women. Six scholarships were presented to women studying fields that range from comparative literature to radio astronomy.

Each scholarship was for \$1,500, provided by individual women donors. A unique feature of the awards, according to Mrs. Jean Campbell, Center director, is that the money may be used for part-time study and spread over several terms.

"We hope to highlight the efforts of women to continue their education and encourage other groups to set up similar programs," she said.



The University of Michigan's Center for Continuing Education of Women has awarded \$1,500 scholarships to six women students. The winners are (seated from left) Mrs. Cecilia A. Dreyfuss, comparative literature; Mrs. Amanda F. Renshaw, radio astronomy; Mrs. Mary J. Freydl, speech; Mrs. Carolyn A. Copeland, history of art; and Mrs. Jessica K. Ehrlich, history. Standing is Miss Fariyal Sheriff, education and psychology.

Detroit Edison Sponsors Chair in Engineering

Mark K. Enns, U-M associate professor of electrical engineering, has been named the Harvey A. Wagner Professor of Power Systems Engineering. Named in honor of a Michigan alumnus and former executive vice president of The Detroit Edison Company, for his contribution to the industry, the professorship is sustained with aid from that company. It represents Edison's part in a nationwide cooperative effort in a variety of electrical research activities that has been developed between the electric utility industry and the nation's colleges and universities.

The professorship was established in the Electrical Engineering Department to support faculty and student teaching and research in the field of systems analysis of power generation and distribution systems.

Prof. Enns, who has had extensive experience in the field of power systems and energy conversion, is currently planning a research program in power systems analysis. The Company is giving substantial support for student research in systems analysis over the next seven years. Student recipients of this aid will be known as Detroit Edison scholars.

Prof. Enns joined the U-M faculty last fall, coming from Carnegie-Mellon University.

Harvey Wagner, for whom the professorship is named, earned his BS degree in mechanical engineering here in 1927. He was Detroit Edison's first director of its nuclear power development program.

May Festival, Commencement Coincide in '71

Alumni returning to campus for Alumni Week and Commencement festivities next year can now plan to include the traditional May Festival in their schedule, according to Gail Rector, president of the University Musical Society.

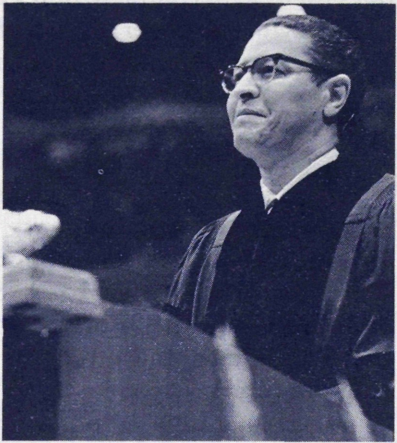
"After four years of Festivals in April, the program for next year crosses the date line into May," Rector said, "and thanks to generous gift support we have enough initial financing to plan for 1971." Rector noted that anticipated performers fee increases already make it clear that additional gifts will be needed to make up the cost increase in 1971. Rector urges those who wish to be on the Society's mailing list or to make a gift, to write him: c/o University Musical Society, Burton Memorial Tower, Ann Arbor, 48104.



Eugene Ormandy, Philadelphia Orchestra conductor, visits with 1970 May Festival stars Birgit Finnila (left) and Evelyn Mandac. Festival director Gail Rector urges alumni returning to campus for Alumni Week and Commencement in May 1971 to plan to attend next year's Festival.



At their February meeting, the U-M Regents renamed the University Events Building the Crisler Arena in honor of Director Emeritus of Athletics **Herbert O. (Fritz) Crisler**. Regent Robert Brown of Kalamazoo introduced the motion to rename the building and noted, "as a successful football coach with the highest possible standards of sportsmanship and as a director of athletics who consistently fought for what he regarded as the best for intercollegiate athletics, Fritz Crisler has brought renown and much fame to The University of Michigan."

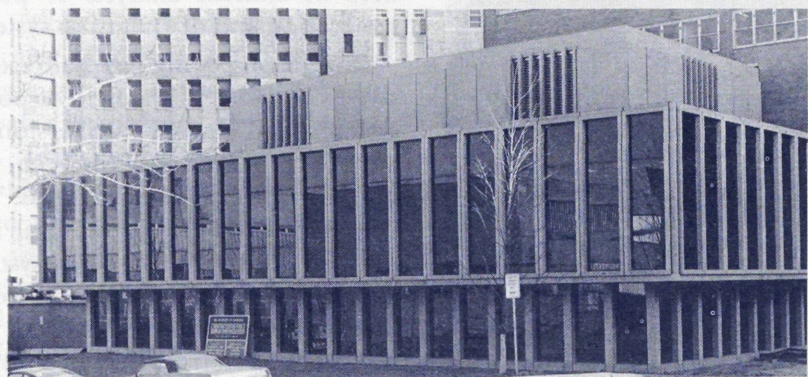


Dr. Clifton R. Wharton Jr., who became 14th president of Michigan State University in January, received an honorary doctor of laws degree at U-M May Commencement where he was key speaker. He is a leading specialist in helping developing nations and had served 12 years with the Agricultural Development Council. Also honored were Librarian of Congress Lawrence Q. Mumford; former Assistant Secretary of Labor Esther Peterson and Prof. Bertrand H. Bronson, University of California.

U-M Music School faculty **George B. Wilson** and **William Albright** have been announced winners of creative awards in music offered by the National Institute of Arts and Letters. Prof. Wilson is a member of the composition department and director of the Electronic Music Studio. He is founder and musical director of the U-M Contemporary Directions Concert series. Albright has been appointed instructor in music composition for next year. He has been active in performances by the Contemporary Directions group.

Prof. Sidney Fine has been named chairman of the history department, and **Prof. Cecil J. Nesbitt**, chairman of mathematics. Prof. Fine is an internationally recognized scholar of modern American history. He has an MA and Ph.D. from Michigan. Prof. Nesbitt has served as acting math chairman and associate chairman, and is well known for work in actuarial mathematics.

Dr. Jeremiah Turcotte, a pioneer in kidney transplant surgery at Michigan, has received the U-M's Henry Russel Award which goes to a younger faculty member in acknowledgement of his scholarly achievement and promise. The award was established, along with the Henry Russel lectureship held in 1970 by **Prof. John Arthos** of the English department, with a bequest from Russel who earned three U-M degrees in the 1870's.



NEW UPJOHN CENTER FOR CLINICAL PHARMACOLOGY recently dedicated on the U-M Medical Campus, was built with a \$1.2 million Upjohn Company gift to the \$55 Million Program. At the dedication **Dr. E. Gifford Upjohn** said, "it is our hope that the Upjohn Center for Clinical Pharmacology will be used to increase knowledge and improve understanding of drugs on human physiological and pathological processes so that drugs may be used wisely and safely and to train students in the use of the latest techniques and methodologies of clinical pharmacology."

'the Vital Margin'

The University of Michigan, long recognized as an international leader in the development of voluntary support of higher education, has received a major national award for alumni giving.

The University has won top honors for its superior record of sustained performance in developing annual gifts from alumni, it was announced recently by Michael Radock, vice president for university relations and development.

Michigan won the Grand Award—first place for sustained performance and the first place for sustained performance by public institutions in an American Alumni Council competition with nearly every type of educational institution in the country. The award is accompanied by a \$5,000 prize provided by the U.S. Steel Foundation.

Every year since 1964, the Michigan Annual-Giving Program, formerly known as the Michigan Alumni Fund, has achieved more than \$1 million in gifts from alumni and friends of the University.

A gift of \$25,000 to the U-M Power Center for the Performing Arts Equipment Fund has been received from the Xerox Corporation. It came through the recommendation of Robert F. Asleson, president of Ann Arbor-based University Microfilms, a Xerox subsidiary.

"We are delighted that Xerox Corp. is able to play a role in making this outstanding new community asset available to us all," he said. Construction of the Power Center was made possible by gifts from Regent-emeritus Eugene B. Power and a number of donors to the U-M \$55 Million Program.

The U-M Graduate School of Business Administration has received an Alcoa Foundation grant of \$20,000 for two years to support research and instruction in industrial marketing.

Charles N. Davisson, professor of marketing, is using the funds to strengthen course offerings in industrial marketing, to assist doctoral candidates with dissertations in this field, and to make research and teaching materials available to other business schools.

John W. Collins, Alcoa spokesman said, "we are pleased with the work that is going on in industrial marketing in the School and want to assist Professor Davisson in his research and instructional activities."

Professor Davisson said that the faculty-course development grant would also be used at Michigan to facilitate case studies requiring field interviews with companies to create new materials for classroom work and reading assignments.

Law, LSA Deans Announce Plans to Leave Posts

The deans of the University's Law School and College of Literature, Science, and the Arts have announced their plans to retire from their respective posts.

Law Dean Francis A. Allen will relinquish the deanship by June 30, 1971 to devote full time to teaching and research. LS&A Dean William Hays goes on sabbatical leave during the coming academic year, and will return to the University to serve as associate vice president for academic development, under Allan F. Smith, vice president for Academic Affairs.

No successors have been named for the deans.

Dean Allen was appointed to his Law School position in 1966, after having taught at Northwestern, Harvard, and the University of Chicago. He is a leading specialist in criminal law, is a member of the Council of the American Law Institute, and has served as drafting chairman of the group which formu-

lated the Illinois Criminal Code of 1961.

"My decision to leave the deanship," Dean Allen said, "is based entirely on personal considerations . . . after a period of leave, for the year following termination of my duties as dean, Mrs. Allen and I shall return to Ann Arbor, and I shall resume my duties as a member of the Law School faculty."

LSA Dean Hays was appointed to that post on July 1, 1968, after serving as associate dean since 1964. He holds a BS and MS from North Texas State University, and a Ph.D. from Michigan. Hays was appointed assistant professor of psychology at Michigan in 1957 and full professor in 1962. He was winner in 1960, of University's annual Henry Russel Award in recognition of outstanding teaching.

Hays will spend the next academic year in the psychology department of the University of California at Santa Barbara.