

the university of michigan **Today**

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U-M TODAY is the only Michigan publication received regularly by 160,000 alumni, friends and faculty of The University



THE MAIZE AND BLUE IS EVERYWHERE. While doing a field study of disease of primitive man, Dr. James V. Neel, Chairman of the Department of Human Genetics, and Dr. William J. Oliver, Chairman of the Department of Pediatrics, came upon these Yanamamo Indians. They are holding "University Hospital, Ann Arbor, Mich." balloons. These South American tribal people have had no, or little, contact with civilization and utilize primitive agriculture for subsistence, complemented by gathering in the jungle.

University Plays Active Role in New Public Radio Network

The University of Michigan radio station WUOM is one of 110 non-commercial stations across the nation which are broadcasting programs provided by the new National Public Radio Network (NPR). This is the radio arm of the Corporation for Public Broadcasting, which was established through an act of Congress.

The corporation, together with NET, previously built the non-commercial television network, now the TV branch of CPB. NET had its start in Ann Arbor in 1953, with assistance from the U-M.

The initial NPR offering is a 4:00 PM 90-minute program of

news and features. Because of its access to authorities in various disciplines on the U-M faculty, WUOM is one of a few network stations asked to coordinate personnel for analysis and comment dealing with news stories as they happen.

Remote Sensing Ideas Exchanged

For three weeks last month the U-M was the "remote sensing capital of the world". Over 400 statesmen and scientists, representing 51 nations and international organizations, met to learn and exchange ideas on remote sensing of the earth's resources. The international workshop was called by the U.S. government at Michigan, a tribute to U-M's scientists pioneering developments in the field over the past 20 years.

Remote sensing, a rapidly developing technology, is the term commonly applied to electronic means of mapping from afar, usually from aircraft or satellites utilizing multispectral scanners. The adaptations of developments of this invisible seeing are almost countless, including the analyzing of watershed characteristics of urban areas, drainage systems, effects of pollutants on crops, and underground changes which may foretell landslides or impending tragedies.



ALUMNI LEADER—President of The University of Michigan Alumni Association for the coming two years is Paul S. Bigby of Ann Arbor. He succeeds Jack H. Shuler as leader of the 250,000 U-M alumni.

Alumni Association Offers Unusual Range of Services

by Richard H. Emmons

The Alumni Association of The University of Michigan is one of the oldest in the country. Although it had existed on an informal basis for a number of years, it was officially incorporated in 1897 and was one of the first Alumni Associations to employ a professional staff, and indeed was the first such Association to employ a full-time field worker. The Association is a separate, legal entity and is incorporated as an educational organization whose purpose is to serve the University of Michigan and its former students.

Many Types of Service

The Association provides such service in a multitude of ways. It supports an active scholarship program, high school orientation program, provides tours of the campus for high school students, parents, and other campus visitors. Throughout the years it has provided emergency funds for students, raised money for the continuing education of women, and has worked to recruit and aid disadvantaged students.

Through more than 150 Michigan clubs located throughout the world, it has brought word of the University to thousands of alumni, has arranged for faculty speakers, student panels, and provided a variety of other services. The Association provides help and direction in the holding of class reunions, and last year more than fifty classes came back to the campus to reunite, visit old friends, and remember college days.

Alumni Family Camp

Ten years ago, the Alumni Association purchased an alumni family camp located on Walloon Lake near Petoskey, Michigan. The camp, which is self-supporting, involves nearly 3,000 members of Michigan alumni families each summer. The program includes faculty speakers each evening, faculty coffee hours each morning, and a wonderful opportunity to enjoy the camaraderie of Michigan people in a beautiful surrounding. The last two years, the Alumni Association has also operated for West Coast alumni a one-week camp in California. Called Camp Michigania-West, this camp has been most successful. It appears to have the potential to grow rapidly in the future.

The Association publishes the Michigan ALUMNUS magazine

during ten months of the year in an effort to keep Michigan alumni aware of what is happening on campus and in the world of higher education in general.

The Association's travel program is now in its ninth year and is probably the most successful tour program in the world of alumni relations. Each year, the Alumni Association offers its members the pleasure of group travel with their fellow alumni on four or five carefully planned trips. The 1971 schedule has included a trip to Rome, Italy, another to the principal capitals of Europe to enjoy the great musical concerts, a visit to the Orient, a 43-day North Cape Cruise, and a ten-day trip to Vienna, Austria. Plans are now being made for 1972 and will include a number of new travel adventures.

Series of Policy Changes

Seeking the greater strength that comes with greater numbers, the Board of Directors of the Alumni Association has recently enacted a series of policy changes designed to enlarge the resources with which it serves both the University and the alumni body.

For the past several years, the Alumni Association has mailed the Michigan ALUMNUS magazine both to direct dues-paying members of the Association and to contributors to the University's Annual Giving Program. In effect, the Association was making a gift of the magazine to those persons who supported the University with an annual contribution.

Now, however, the Board of Directors has changed that policy and the Michigan ALUMNUS will be sent only to those who hold current dues-paying membership in the Association.

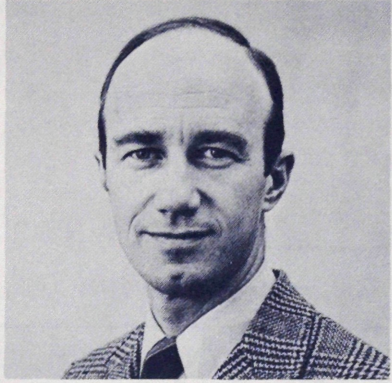
Further, effective with the 1972 camping season, all alumni attending the Alumni Association's family camps in Michigan and California must be dues-paying members of the Association. Participation in the Association's alumni travel program already requires membership.

Reflecting on the policy changes made by the Board of Directors, the executive director of the Alumni Association, Robert G. Forman, said: "There is no question in our minds that those contributors (to the Annual Giving Program) who are not members of the Association

(Continued on page 2)

New Assignments Announced

William E. Moran, assistant executive vice president of the State University of New York at Stony Brook, L.I., will become the first chancellor of U-M at Flint July 1. The new chancellor began his administrative career on the staff of the Harvard School of Business Administration. He received the Ph.D. degree in business administration from the U-M in 1967, prior to which he earned the AB degree from Princeton, and the MBA degree from Harvard.



Allen P. Britton, acting dean since 1969, has been appointed dean of the School of Music. Professor of music and lecturer in education, he joined the faculty in 1949 and earned the Ph.D. in musicology in 1950. He served as chairman of the department of music education from 1959 to 1969. Britton has been editor of the "Journal of Research in Music Education," since its founding in 1953.



Phillip A. Fellin has been named dean of the School of Social Work. He has been a member of the school's faculty since 1965 and assistant dean during the past year. Fellin holds the master of arts degree in sociology and the doctorate in social work from the U-M. A graduate of St. Benedict's College, Atchison, Kan., in 1953, he earned the master of arts from St. Louis University in 1957.



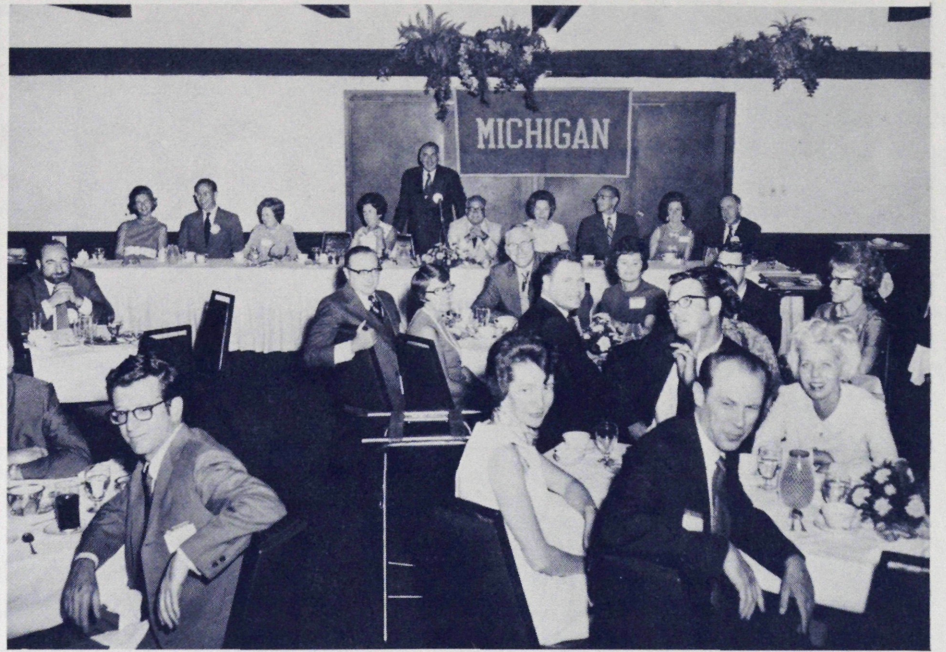
Dr. John A. Gronvall, who joined the staff in 1968 as associate professor of pathology and associate dean, has been named dean of the Medical School and director of the U-M Medical Center. Dr. Gronvall at 39, is the same age as his two immediate predecessors when they took office. He is the 12th administrative head to serve the Medical School since its founding in 1850.



Frank H. T. Rhodes is the new dean of the College of Literature, Science, and the Arts (LSA). He was born in Warwickshire, England, near the University of Birmingham from which he received the B.S. and Ph.D. degrees. A Fulbright Scholar at Illinois, he later became a member of the faculty. He was dean of the science faculty of the University of Wales, from which he came to the U-M as professor of geology in 1968.



Theodore J. St. Antoine, a member of the law faculty since 1965, has been selected as dean of the Law School. A graduate of the U-M Law School in 1954, the 41 year old dean became a superb teacher and a well-known authority on labor law. He has written extensively in the labor law field, including co-authorship of a leading course book. He joined law firms in Cleveland and Washington before returning to the U-M.



CLASS REUNIONS—Just one of the many functions of the Alumni Association is assistance with the staging of class reunions, some 50 of which are held yearly. Pictured here is part of the group that returned to Ann Arbor for the reunion of the 1950 Law School class.

Alumni Association Provides Service in Multitude of Ways

(Continued from page 1)

will not be as well-informed about the University, and there is no question that fewer alumni will have the advantage of the information contained in the magazine . . . however, it is our hope that this would be a temporary matter, and that, through a vigorous promotional program aimed at donors who are not members, we can bring large numbers of that group into our

membership program."

The policy changes adopted by the Board "have been taken so that we might better serve our University and its alumni body," Forman said. "There is no other motivation. It is my hope that those Michigan alumni who are non-members will want to join with us in continuing to make this the best Alumni Association of any University in the country."

University Hospital Device Saves Time and Dollars

Two compact machines—called sequential multiple analyzers — which are in operation at the University Hospital are saving hospitalized patients time and money.

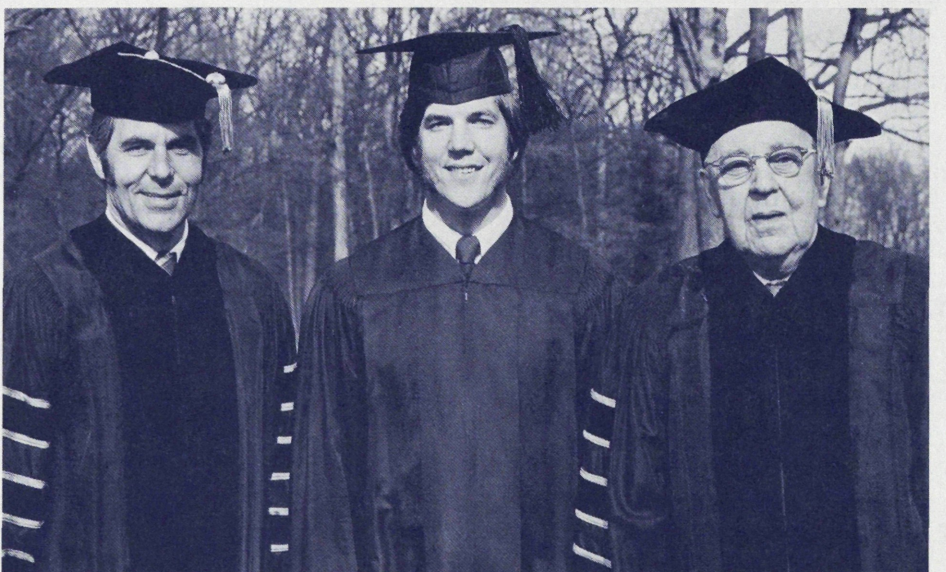
The machines perform 24 lab tests almost automatically in far less time than it would take several medical technologists to do them individually.

The physician need no longer order three or four blood tests the day a patient is admitted and another series the second day. He can now see the results of the 24 tests within hours of the patients' arri-

val. The results do not diagnostically identify an abnormality, only whether the sample is within normal limits. The symptoms then can lead to a doctor's diagnosis.

Considerably less blood is needed, less inconvenience and time of the patient, and far less cost—\$20 as contrast to \$150.

Once the blood sample is introduced into the analyzer the results are reported on a print-out at one minute intervals. No more slips from a blood lab report are needed to be attached to a patients chart.



THIRD GENERATION—The Matthaei family is as Michigan as one can be. Business administration graduate Frederick Matthaei is flanked by his father Frederick C. Matthaei, Jr., (left) of Bloomfield Hills, and grandfather Frederick C. Matthaei of Ann Arbor at the U-M commencement. The elder Matthaeis are graduates and former regents of the University.

U-M Library Science—Tradition of Excellence

The School of Library Science, the University's newest school, has a long history of excellence in library education.

The School traces its origins to 1879, when courses in bibliography were taught by a librarian of the University. A Department of Library Science was organized in the Literary College and the Graduate School in 1926. The Department was elevated to a School of Library Science in 1969.

"Even as a department," Dean Russell E. Bidlack explains, "we functioned very much like a professional school; for example, we did not offer undergraduate degrees. Our courses had characteristics much in common with those of other professional schools."

"The purpose of our School," Dean Bidlack notes, "is to educate young people for the many challenging and exciting professional positions in librarianship today and tomorrow, whether in public, academic, school or special libraries."

Admission and Enrollment

A total of 489 students, 80% of whom are women, were enrolled in the winter term in the School under the master's or the doctoral degree programs in library science. The figure includes some 200 extension course students in Detroit, Dearborn, Flint and Grand Rapids. The School eliminated the bachelor's degree in library science in 1948.

Since its inception as a department, the School has graduated 4,000 students.

How does a student qualify for admittance to the School? A bachelor's degree is a minimum requisite for admittance. A good academic record—a minimum B average—also is required. The School also limits admission to those deemed "well-educated"—persons with at least 90 hours of liberal arts undergraduate courses.

Dean Bidlack, who has taught library science at the University for 21 years, observes that "today's students are much aware of social injustices and are greatly interested in

extending library service to those who have never enjoyed it before."

"In the past," Dean Bidlack adds, "libraries served rather small middle class groups. They seldom appealed to the poor, the people of the ghetto, or those in isolated rural areas."

"How do you make a library relevant to the people of the ghetto and to those who are educationally deprived? How do you make people who habitually do not read and use books value a library?" These are among the basic questions that today's students ask of the School and of themselves.

Changing Concept of Library

The concept of the library is changing, Dean Bidlack notes. It is not a mere storage area of printed material, but a media center which includes nonprinted material such as videotapes, slides, simulation games and computer assisted instruction.

"In the library profession," Bidlack says, "it is strongly felt that the library should be made an information center where one can feel free to get any kind of information."

With this multi-media concept in mind, Dean Bidlack says, the School will train school librarians under a \$100,000 program granted from the School Library Manpower Project, funded by the Knapp Foundation of North Carolina and administered by the American Association of School Librarians. The program is being planned by a joint committee of the U-M School of Education and the School of Library Science.

"The primary purpose of this experimental program is to train specialists to staff future school libraries as information centers rather than as conventional libraries," Dean Bidlack says. To meet the program's needs new courses in design and production of media and advanced seminars on media selection for children will be added to the curriculum. A course in information science will be an-

The U-M School of Library Science has recently recognized five woman graduates of the School for their outstanding contribution to the library profession.

Selected by a special committee of the faculty as the five women of distinction are: Martha Boaz, dean of the School of Library Science, University of Southern California; F. Bernice Field, associate librarian for technical services at Yale University Library; Clara S. Jones, director of the Detroit Public Library; Mary Jo Lynch, senior refer-

ence librarian, University of Massachusetts Library; and Faith Murdoch, director of School Libraries, Detroit Board of Education.

According to Dean Russell E. Bidlack, the School plans to publish a commemorative volume in honor of the centenary (1870-1970) of the admission of women to the University.

Essays by each of the five alumnae highlighting the many contributions of women to American libraries and librarianship will be included in the publication.

other innovative addition to the School curriculum.

The U-M School of Library Science is the second largest of its kind in America, exceeded in size only by that of the University of Pittsburgh, according to the Association of American Library Schools. (In the United States and Canada, 53 library schools are accredited by the American Library Association.)

Scholarships and Recruitment

Like other schools at Michigan, the School of Library Science has a recruitment program for blacks and other minority students. During 1971-72 academic year, the School plans to enroll approximately 25 black students in accordance with the University's aim to reach 10% of the total campus enrollment. One full-time library faculty member spends one third of her time in the recruiting effort. At present there are 12 black library students on campus; four of them are Opportunity Award winners.

The School has a faculty-alumni scholarship program, under which 12 students have received scholarships of \$1,000. This program is supported by the alumni of the School. Although the School of Library Science has no extensive fundraising program, alumni support has been generous, according to Dean Bidlack.

Librarians are still in demand, Dean Bidlack observes. For many years libraries were in very short supply. For example, 100,000 library specialists were needed five years ago to staff libraries. Even two years ago graduates could choose a job from among half a dozen offers.

But the current economic pinch has been felt in the library job market. This year, notes the dean, jobs are available, although not always in the geographical areas designated by candidates as their first choice.

The School graduated 280 students in 1970. Of this number, 206 are known to have accepted library positions. Approximately 34% of the graduates took positions in public libraries, while school libraries attracted 25% and academic libraries 33%. The remaining 7%

went into special libraries—in industry and government or special collections, according to Dean Bidlack.

In common with other professionals and professions, librarians and library science today must deal with many new challenges and issues, Dean Bidlack says. There is a debate within the profession whether librarians, as professionals, should take a stronger position on social issues apart from those issues related specifically to their work. Each year more librarians concern themselves with such issues as war, race relations, poverty and various political matters.

Librarians have always felt an obligation to speak out on book burning, censorship and questions of intellectual freedom, Bidlack says. Now many librarians also feel an obligation to take a positive stand on social problems not directly related to librarians. In short, these days librarians are more socially conscious.

Shortage of Classroom Space

One of the School's problems, Dean Bidlack explains, is a shortage of physical space. The School now has adequate office space at the West Quadrangle. But classrooms at the LS&A building must be shared. "We need a building which can house offices, classrooms, seminar halls, audio-visual instruction halls, meeting halls and lounges," the dean says. "This physical space is vital for efficient communication among faculty members and students."

As finances permit, the School plans to conduct continuing education programs for alumni members. Dean Bidlack says that the School hopes to introduce a summer refresher course and a sixth-year study program. The sixth-year specialist training program will offer a certificate, the level of which will be between the master's and Ph.D. degrees.

A special program for the training of archivists is being planned in conjunction with the Department of History and the Michigan Historical Collections, according to the dean.



SCHOOL LIBRARY—Russell E. Bidlack, Dean of the School of Library Science, shows a book from the Historical Juvenile Collection of the School Library to students June Christopher (left) and Nellie Elam. The School Library is one of 26 divisional libraries in the University Library system, which also includes the Graduate Library and the Undergraduate Library.

'the Vital Margin'

The Michigan Annual-Giving Fund has received from loyal alumni and friends during the first four months of this year \$903,989, compared to \$462,140 during the same period of 1970. Also gratifying to the University is the fact that 34 percent of this amount is undesignated, the area of most vital need. The number of donors has likewise increased significantly.

A \$400,000 grant has been made by the W.K. Kellogg Foundation to the U-M Medical Center and 10 Michigan hospitals to establish a network of Coronary care units across the state.

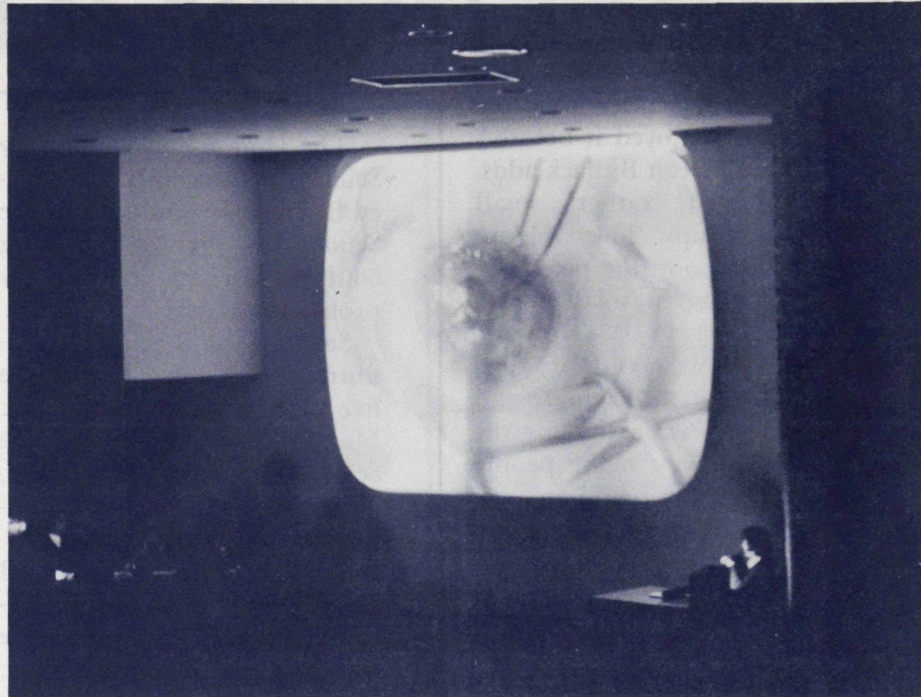
The Michigan Historical Collection Building Fund is the recipient of a pledge of \$125,000 from the Grand Lodge of Free and Accepted Masons of the State of Michigan and \$25,000 each from Mr. and Mrs. J. Fairbairn Smith and from the Delta Sigma Delta (dental) fraternity.

Jerome S. Schultz, U-M professor of chemical engineering, is the nation's fourth researcher to receive a national career development award for biomedical engineering research. The award, which will underwrite his salary for the next five years, is from the National Institute of General Medical Sciences, National Institutes of Health.

An initial grant of \$225,000 to two faculty members of the School of Social Work to conduct a national assessment of juvenile and youth correctional programs has been made by the U.S. Department of Justice. The grant came through the Institute for Continuing Legal Education, a joint unit of the U-M and Wayne State Law Schools and the Michigan State Bar Association.

The James L. Wilson Laboratories for Pediatric Research, a complete series of facilities directed to the training of young pediatricians for careers as medical faculty at the U-M and other medical schools, has been opened at the Charles S. Mott Childrens Hospital. The \$80,000 required to construct the laboratories was contributed by former interns and residents who trained under Dr. Wilson and by colleagues and friends.

The U-M Physical Therapy Club and the M Club sponsored a wheelchair basketball game which raised \$1,400 to be used to purchase therapy equipment for ill and crippled children at The Charles Mott Children's Hospital.



EYE SURGERY—Eye specialists gathered in front of a wall-sized eyeball to watch it undergo a corneal transplant by microsurgery procedures. The live television projection was a first in postgraduate medical education at the University of Michigan Medical Center.

U-M Televises Wide Screen Eye Surgery

A 12-by-16-foot image of an eyeball undergoing surgery was observed by a roomful of eye specialists a mile from the operating suite recently at the U-M Medical Center. The televised microsurgery demonstration was part of an annual ophthalmology conference at the University's department of postgraduate medicine.

Two-way conversation between the audience and the surgical team was conducted during the operation with the clarity of the television picture equal to that of a view through a microscope, which it was. While a new cornea was being sutured into place with wispy nylon thread, almost invisible to an unaided eye, four other nationally prominent specialists commented on the procedure.

The University, a pioneer in the use of educational television, operates the U-M Television Center, a Medical Television Unit for graduate and postgraduate medical education, and other facilities. The projection system, similar to that at NASA's Mission Control Center, is the only one in use at a medical facility in the United States.

Diagonalis et Circumferentia

□ The University's Dearborn and Flint campuses will after July 1 be named The University of Michigan—Dearborn and The University of Michigan—Flint.

□ The University Musical Society has announced a schedule of 20 "International Presentations" for its 93rd annual concert season beginning this fall. Three events will be in a new East Asian Series.

□ Michigan Stadium will be the scene of an exhibition football game between the world champion Baltimore Colts and the Detroit Lions August 22 before what could be the largest crowd ever to see a professional football game. Michigan's share of the revenue is expected to go to the building and scholarship fund.

□ Applications to the Law School reached an all-time high of 4,700 for the 1971-72 freshman class. This is up from 3,989 last year and from 3,056 in 1969. Acceptances will be granted to 370 students.

□ Elliott brothers will be on the football field for Michigan again this fall. Bruce and Dave are sons of Pete Elliott and nephews of Bump, both All-Americans, who played together on Michigan's 1947 national champions.

□ Seven of the nine 1971 Guggenheim fellowships awarded to faculty members of Michigan colleges went to U-M scholars. Michigan ranked 10th among the 96 colleges and universities represented.

□ Michigan for the first time in four years failed to win the mythical Big Ten athletic title as the Wolverines finished second to Michigan State. Indiana was third.

□ Warren T. Norman, professor of psychology and a member of the faculty since 1957, is the newly elected chairman of the Senate Advisory Committee on University Affairs (SACUA). The committee serves mainly as the administrative arm of the faculty.

□ Eight graduate students have been named to the Michigan Society of Fellows, a program unique to public universities. Three-year fellowships of up to \$9,500 per year in direct assistance are provided.

□ There is at least one U-M class that can be conducted entirely under water. All 22 members of a geology course, who recently completed, at their own expense, a 10 day field trip in Florida and the Bahamas, are qualified divers. They did underwater exploration of reef tracts, sedimentation processes, beach surroundings and other factors related to modern carbonate rock environments.

□ The University Herbarium, now celebrating its 50th anniversary, has grown to become one of the largest university herbaria in the U.S.

Fee Schedule Approved for Academic Year

Tuition increases approved by the Regents for the 1971-72 academic year result in the following fee schedule:

	Resident	Non-Resident
Undergraduate	\$660	\$2,140
Graduate	\$800	\$2,240
Law School	\$900	\$2,300
Medical, dental	\$1,160	\$2,400

The existing fee schedule at U-M Dearborn and U-M Flint continues in line with past Legislative concern that tuition rates of developing institutions not be raised.



ANNUAL-GIVING—Col. W. J. Myers, '32, of Lansing presents to a grateful President R. W. Fleming a check for \$2,223,446 at the Annual Alumni Luncheon. The amount represents receipts by the Michigan Annual-Giving Fund for the first 10 months of fiscal 1970-71.

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