

the university of michigan **Today**

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The University of Michigan TODAY is the only Michigan publication received regularly by 171,000 alumni, friends, and faculty of the University



POM-POM GIRLS—Tradition passes with a flourish as pom-pom girls perform on the formerly all-male gridiron. The squad of 10 women students will also serve as basketball cheerleaders.

Fleming Discusses

The Changing Role of Education Includes Constitutional Freedoms

Admission practices, educational programs, the balance between autonomy and control by government funding authorities, and the financial situation are the problems facing U-M according to President R. W. Fleming.

In his annual "State of the University" address, Fleming said "if we knew how to do it successfully there is, in my view, much to be said for expanding the criteria under which we admit students. We have long known that while grades and test scores are the best predictors of academic success, they are not particularly good predictors of social skills, or many other things which make citizens highly valuable to the society."

He said "there is at least an even chance" that the Supreme Court eventually will declare unconstitutional the present practice of most universities on admissions criteria for disadvantaged students.

Discussing educational programs, Fleming said, "My own concept of a good undergraduate program in an institution like ours is one which offers the student many different approaches . . . we ought not to worry as much as we do about whether they follow a particular pattern of study."

Graduate Training Review

"The more difficult problem is what to do about graduate training. For 25 years new Ph.D.s have gone heavily into ever-expanding aca-

demie institutions. That growth is now slowing up.

"What we ought to be doing is spending more time thinking out the ways in which our graduate programs can change in order to accord with the realities of society's needs," Fleming said.

Autonomy vs. Accountability

Fleming also discussed the need for a "fair balance between the autonomy which ought rightfully to inhere in the university, and the legitimate desire of the funding authorities to treat their constituents fairly while at the same time demanding accountability."

Turning to an immediate problem, he said that Governor Milliken had requested the U-M and other state colleges and universities "to carry over one percent of the current state appropriation—which amounts to just over a million dollars—into next year. Also, we already have budgeted a deficit of \$645,000 to which must now be added a million dollars to be made up this fiscal year."

Constitutional Freedoms

Fleming mentioned a matter which is "doubtless more important" than other topics, but which is generally taken for granted—our constitutional freedoms.

"However difficult our problems may be, we tolerate dissent, which is essential to a great university, perhaps better than any other society in the world."

"University Values Year" Focuses Attention on Ethics

In response to contemporary issues, the U-M is sponsoring a University Values Year. It is believed to be the first major university-wide attempt in this country to analyze ethical values.

The program, which was made possible by a \$15,000 grant from the President's office, will consist of a lecture series, bi-monthly seminars dealing with major ethical issues, mini-seminars on specific issues, and the awarding of grants for future research projects.

President R. W. Fleming called for the program because, "I had to identify what I thought was a problem. Watergate brought it to my mind—here you saw a steady stream of bright young people, well educated in the traditional sense, yet engaging in activities most of us would have thought improper." Watergate spurred speculation that there might be "some deficiency on the part of universities."

John A. Bailey, professor of Near Eastern Studies and chairman of the coordinating committee appointed last June, said "the program will ex-

amine values as they currently operate within the University, view alternative values, and consider the possible effects on tomorrow's society."

Bailey added, "Many of the crucial ethical issues and problems in today's university can be seen as arising from the widespread assumption of value neutrality. Whatever benefits there are in their assumption, it is also known to undermine the possibility of making conscious, educated choices among different values."

"Thus this assumption—in which the University takes no moral stance on issues—may also erode the possibility of intelligent action based on well-formed values. And effects on the society of tomorrow result from difficulties encountered in many areas of University life, such as the classroom, uses and abuses of research, and the impact of University policy on both the local community and larger society."

The first speaker in the new program was Nobel Prize winner George Wald.

Sarah Power and Thomas Roach Elected to Join University's Board of Regents



Sarah G. Power

Sarah G. Power and Thomas A. Roach, both Democrats, have been elected to the University's Board of Regents.

They will begin their eight-year terms January 1, succeeding Robert J. Brown and Gertrude V. Huebner, neither of whom sought re-election.

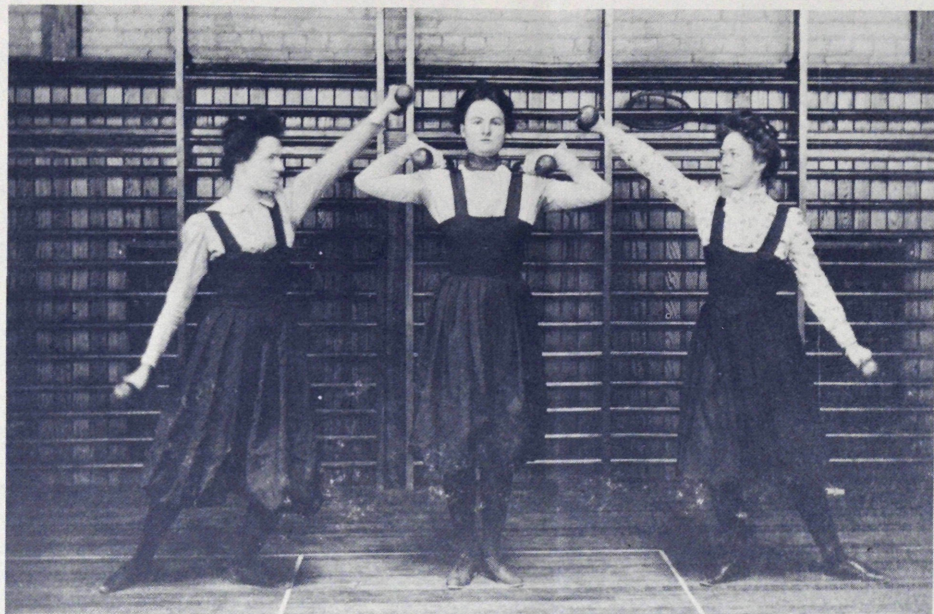
Sarah Power, an Ann Arbor resident, has worked at the University as Assistant Chairwoman for the



Thomas A. Roach

Commission for Women and as Associate Director of the Institute for the Administrative Advancement of Women. She has degrees from Vassar and New York University.

Thomas Roach, an attorney who lives in Grosse Pointe Farms, received both his undergraduate and law degrees from U-M. He has served on the governing board of the U-M Club of Greater Detroit and has two sons attending U-M.



TIMES HAVE CHANGED—When women first began to participate in athletics at U-M in 1894, the windows of Waterman Gymnasium were blinded and no men were allowed inside save the instructor. The new women's varsity basketball team (right) welcomes spectators of both sexes!



Women's Athletics Program Offers Something for All Levels of Skill

The women's intercollegiate athletics program, a logical addition to activities that ranged from recreational athletics through participation in intramurals and sports clubs, is entering its second year at the U-M.

Intercollegiate competition is available to women in basketball, field hockey, synchronized swimming, speed swimming, tennis, and volleyball. Marie Hartwig, professor of physical education, has been named associate director of the program; \$80,000 has been allocated for the 1974-75 fiscal year; and a seven-member faculty-student committee appointed by President R. W. Fleming is working toward full implementation of a plan to bring the program under the Board of Control in Intercollegiate Athletics by 1977.

Procedures Considered

The six sports currently available for intercollegiate competition were selected because they "had remained consistently loyal to some form of organization throughout the years." Among the questions to be considered by the faculty-student committee is the establishment of procedures for adding new sports.

Current plans for intercollegiate

competition call for the teams to play in-state schools, culminating in regional, state, and national tournaments, although a Women's Big 10 Conference may be adopted.

Meeting Needs

Miss Hartwig sees these developments as a natural extension of the athletic program as it has evolved to meet the needs of women today. With the addition of intercollegiate athletics for women, she explains, "Any students can find something to meet their needs in terms of interest and time. The number of people in intercollegiate athletics is small as compared to those involved in intramural and club participation. This is equal opportunity . . . to be able to select the level at which you want to participate.

"The key to the whole thing of intercollegiate competition is the level of skill that the players have. The sports clubs can act as a feeding system to take care of that development," Miss Hartwig added.

First Sport

The first sports activity available to U-M women was basketball, which began with a game sponsored by the Women's Athletic Committee of the Women's League in 1893.

In 1905 the Women's Athletic Association (WAA) was organized. For the next 65 years it promoted interest in dance and gymnastic and athletic sports among women of the University, but was disbanded in 1970 when women no longer wanted the type of leadership experience it offered.

The intramural program was developed in the early 1930's. At first, competition was organized according to class teams until increased enrollment prompted the development of interhouse and residence competition. As skills and interests grew, sports clubs were formed and began to compete on an activity basis with other nearby Michigan schools.

Major Role

Today, intramurals are "bulging at the seams" and two new athletic facilities are under construction. One of the major roles of the entire athletics program, as Miss Hartwig sees it, is "to try to ease the transition for young people from their homes into whatever homes they're going to create for themselves. We're training leaders that are going into the community and they will give in some way as a result of their experience here."

Campus Now Has Six Labor Unions

Office and clerical staff members at the University's three campuses have voted in favor of joining the United Auto Workers (UAW).

Out of a total of approximately 3,100 people who were eligible to vote, 1,144 ballots were cast for the UAW and 920 for "no union."

Negotiations are expected to begin in the near future to work toward the group's first contract.

The University is now engaged in initial contract bargaining with the Graduate Employees Organization, a union formed last winter to represent 2,400 graduate students employed as teaching and research assistants.

There are four other unions at the University: operating engineers, tradesmen, service-maintenance workers (AFSCME), and House Officers Association.

Fall Enrollment Shows Increase

The University of Michigan's Ann Arbor campus has a total of 35,346 students this term, 197 more than a year ago.

Of the total, which includes those enrolled in the graduate centers, 20,586 students are undergraduates, 47 less than a year ago; 9,863 are graduate students, an increase of 5; and 4,897 are in graduate-professional programs (law, medicine, dentistry, social work, and public health), an increase of 239.

The undergraduates this year represent 58.2 percent of the total enrollment and the rest, or 41.8 percent, are in graduate and graduate-professional studies.

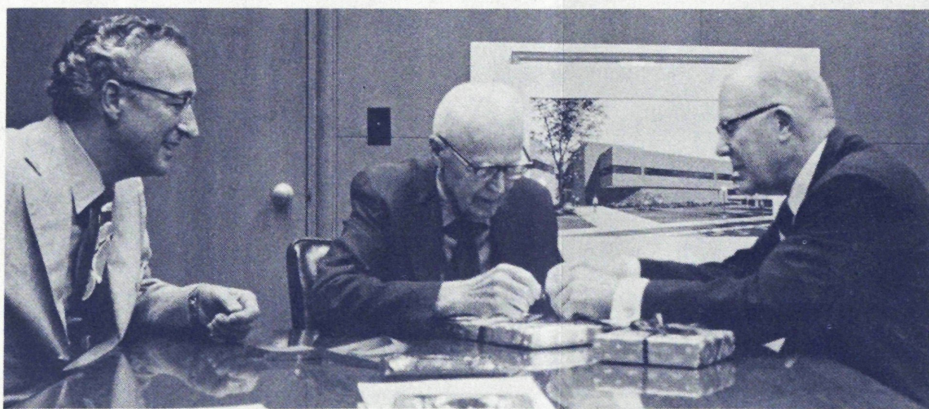
The number of men students decreased by 107, from 21,192 last year to 21,085 this year, while the number of women increased by 304, from 13,957 to 14,261.

Football History Is Recalled in "The Wolverines"

Everything you wanted to know about Michigan football but never asked is probably included in *The Wolverines . . . A Story of Michigan Football*, the first complete history of U-M football. The 423-page book traces that history from years before the first game in 1879 right to the moment a writer informed Bo Schembechler of the vote that sent Ohio State to the 1974 Rose Bowl.

Records, scores, and a complete listing of every football letterwinner is included.

The book was written by Will Perry, sports information director at Michigan and a former newspaper sports writer, and was published by the Strode Publishing Company. It is being distributed by the "Undergraduate M Club" with 40 percent of the profits going to Michigan's Athletic Scholarship Fund. It is available at most book stores in Michigan and can be ordered from the Michigan Athletic Department, 100 South State Street, Ann Arbor, Michigan 48104. The price is \$7.95.



PROFESSOR HONORED—Several celebrations were held recently honoring William A. Paton, professor emeritus of accounting, on his 85th birthday. Business Administration Dean Floyd Bond looks on as Prof. Paton opens a gift, assisted by H. Glenn Bixby (Lit. '27), in front of a sketch of the proposed Paton Accounting Center.

U-M Dearborn Meets Urban Challenges, Offers A Quality Education

Quality, accessibility, and growth characterize the U-M Dearborn campus.

Located on a scenic 210-acre portion of the late Henry Ford's estate donated to the U-M by the Ford Motor Company Fund in 1959, UM-D is just 15 minutes from downtown Detroit, the nation's fifth largest city. Its goal and responsibility is to offer a quality, U-M education while meeting the diverse needs of the urban population.

Enrollment, which has increased sixfold within the last four years, has reached 4,300, making UM-D the fifth fastest growing state university campus in the nation. Its state appropriation for 1974-75, the largest percentage increase in funds of any state-supported four-year college in Michigan, nearly matches its original endowment.

Building Program

To accommodate an anticipated enrollment of 10,000 by 1980, plans have been approved for a university center, a nature studies center to be located on the 70-acre campus "natural" area, and a center for the performing arts. These will be added to the on-going \$19 million construction program which includes a new library and learning resource building, a general instructional and laboratory building, and student activities facilities.

Originally a two-year, senior level institution, the campus has offered full four-year degree programs since 1971. UM-D is a non-residential campus. Most students commute from within a radius of 35-45 minutes driving time.

Many of them must obtain their educations when and where they can. A recent survey showed that most students choose UM-D primarily because of two factors: the reputation of the U-M (93 percent) and UM-D's proximity to their home (78 percent). A significant proportion of the student body is made up of part-time students, evening students, working students, minorities, housewives, mid-career professionals, retirees, and the handicapped.

Evening Classes

UM-D is unique in that it schedules classes from 7:30 A.M. until 10:00 P.M., and will soon have evening hours in all student service offices. It is possible to complete a degree program (the bachelor of general studies) by attending only at night.

From an initial program offering degrees in business and engineering, the curriculum has expanded to over 500 courses distributed within the College of Arts, Sciences, and Letters; the School of Engineering; the School of Management; the Division of Urban Education; and the Division of Interdisciplinary Studies.

Master's degree programs are offered in the engineering disciplines and management. A new affiliation between UM-D and Detroit Henry Ford Hospital allows first-



SCENIC RETREAT—The plaza at U-M Dearborn is a popular spot to gather between classes.

year nursing students at the Hospital to take courses at UM-D.

Commitment to undergraduate education by faculty members at all levels is one of the most significant aspects of UM-D. Students receive special attention as a matter of course, and classes are deliberately kept as small as possible.

Individualized Learning

Its desire to meet as many student needs as possible has led the UM-D to launch an innovative "individualized learning program" which allows students to take university courses without ever coming to the campus. The first course to be offered under the plan this fall combines the use of textbooks and special study materials, such as cassettes and microfiche.

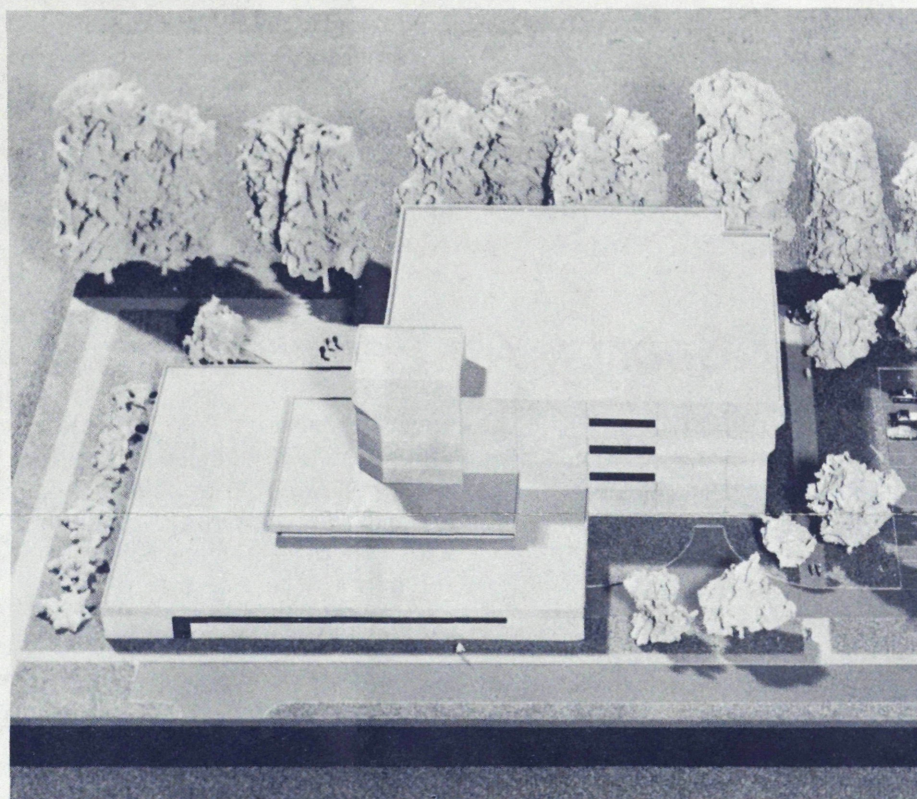
A mainstay of the early UM-D curriculum, the cooperative education concept, has also expanded greatly in recent years. Co-op assignments with major employers are generally arranged for four-month periods during which students may work in a career- and study-related position as well as earning while they learn. Non-paying internships in areas such as political science are also available.

The UM-Dearborn has borrowed history, tradition, and academic excellence from The University of Michigan, but it stands on the edge of change by meeting the needs of today's non-traditional students . . . those who may become the typical students of tomorrow.

Glee Club Sings At Tree Lighting

The University of Michigan Men's Glee Club and its conductor, Professor Willis G. Patterson, have been invited to appear in Washington, D.C., in the December 17 Christmas Pageant of Peace tree-lighting ceremony.

President Gerald R. Ford and his family will be present in the President's Park and officially light the National Christmas Tree at 5 P.M. The program will be televised nationally.



FROM THE DRAWING BOARD—Construction on the four-story, multi-million dollar Library and Learning Resources Building is scheduled to begin in 1975.

President Fleming Tours China, Meets U-M Alumni in the Orient

President R. W. Fleming, who left November 4 for a three-week study tour of the People's Republic of China, brings the total of U-M representatives who have visited the PRC to well over 20. In fact, U-M personnel have been among the first to visit the area following the resumption of Chinese-American cultural relations in 1972.

These scholarly visits have their foundation in the University's long-standing ties with the Orient and its strong Chinese Studies Program. There are a number of Chinese-American scholars on the U-M faculty, and several people in the Chinese Studies have been very active in promoting the exchanges.

According to Professor Albert Feuerwerker, director of the University's Center for Chinese Studies, "More scholars in the sciences and Chinese Studies have been invited

to visit the People's Republic of China from the U-M than from any other American university."

President Fleming is among a 13-member delegation of university and college presidents. Before departing, he stated that he expected to spend two days in Tokyo meeting with some of the U-M's 500 Japanese alumni before entering China on November 8.

He also planned to meet with Japanese corporate leaders on behalf of the University's Center for Japanese Studies, this country's oldest area program focusing specifically on Japan. In addition, tentative plans had been made for meetings with U-M alumni in Hong Kong before his return to Ann Arbor on December 1.

There are several hundred U-M alumni in the People's Republic of China itself.

the Vital Margin

Engineering Campaign Unites Alumni; State Income Tax Credit Liberalized

College of Engineering alumni, their spouses, and friends of the College recently gathered in 15 major cities across the country to watch a special closed-circuit color videotape presentation on the College and its goals for the future.

The telecast opened the alumni portion of the College's Capital Campaign, which was announced in April. Approximately \$12 million of the \$20 million goal will be combined with funds from the state and used to construct new classrooms and office and small laboratory on the University's North Campus to complement the existing large engineering laboratories. The remaining \$8 million is earmarked for faculty and student support in the form of professorships, scholarships, fellowships and engineers-in-residence funds.

The telecast featured a panel of College of Engineering alumni and faculty, including National Campaign Chairman James E. Knott, '38 Eng.; National Alumni Division Chairman Charles C. Dybvig, '31

Eng; Robert M. Howe, chairman of the College's Department of Aerospace Engineering; and H. Richard Steding, '40 Eng., chairman of the Detroit Alumni Division; and was moderated by Dean David V. Ragone.

State Income Tax Credit

Until recently Michigan taxpayers were allowed direct state income tax credit for gifts made to the general fund of Michigan institutions of higher learning. The University qualified twenty-three named funds for this credit but many other gifts made to special funds within the University did not qualify.

This restriction has been removed, and all gifts accepted by the University are also accepted for tax credit under the following formula: a full 50 percent of the gift can be used to reduce the tax due amount. The credit is limited to a \$100 maximum on a single tax return or \$200 on a joint tax return of 20 percent of the original tax liability, whichever is least.



DISTINGUISHED ACHIEVEMENT AWARD—Winners of the Distinguished Achievement Award, pictured with President R. W. Fleming, are (back row, left to right): Rhoads Murphey, professor of geography; Fleming; James E. Knott, former Chairman of The Presidents Club, who presented the awards; and Henry J. Meyer, professor of social work, sociology, and population planning. Front row: Herbert C. Youtie, research professor of papyrology; Helen D. Prince, professor of astronomy and associate director of the McMath-Hulbert Observatory; and Solomon Axelrod, professor of medical care organization.

Winter Sports: An Early Forecast

Basketball

Coach Johnny Orr will use the same style which brought Michigan a share of the Big Ten championship last winter—a hustling offense and pressure defense.

Co-captains C. J. Kupec and Joe Johnson, along with Wayman Britt and Steve Grote, were regulars on the title team.

Grote, who played on a U.S. national team last summer, and Johnson are two of the best sets of guards in the Big Ten. Kupec and Britt are extremely solid rebounders.

The annual Michigan Invitational Tournament, featuring Manhattan, Virginia Tech, and Washington, is scheduled December 20-21.

Hockey

Michigan hockey jumped off to a fast start with a pair of victories over Ohio State, but the Wolverines are expecting a long, rugged season in the Western Collegiate Hockey Association. Coach Dan Farrell has a blend of veterans and freshmen which he hopes will improve Michigan's seventh-place finish last year.

Robbie Moore, an All-American goalie, is back, and defense is expected to be one of the Wolverines' cornerstones for success. Angie Morretto and Don Fardig, the two leading scorers from last year, are back to give the offense a boost.

Wrestling

Michigan missed the NCAA title last year by a slim two points with the final match deciding the outcome of this coveted award. Rick Bay, who guided the Wolverines, resigned after a highly successful season which produced an undefeated regular dual meet season for Michi-

gan; his assistant, Bill Johannesen, took over. Many of the outstanding wrestlers from that undefeated team are back and hopes are high for a Big Ten title and another shot at the national championship.

Swimming

Head Coach Gus Stager hopes to have his forces improve on their third-place finish in the Big Ten Championships and fifteenth-place showing in the NCAAs. Stager is counting on his top all-around swimmer Tom Szuba to regain his freshman form which saw him become a national champion in the 400-yard individual medley.

Gymnastics

The Michigan gymnasts will be seeking their 12th Big Ten title when they host the conference championships at Crisler Arena, March 28-29, 1975.

Head Coach Newt Loken in his 28th season as the Wolverines' mentor, believes he has the necessary material. Michigan is led by co-captains Bruce Keeshin and Carey Culbertson, who, along with junior Bob Darden, won the Big Ten championship in the high bar.

Track

Michigan's track program will have a new look this season. Former assistant coach Jack Harvey has taken over as head coach, replacing Dixon Farmer. Harvey has brought a new vitality to Michigan track and a fine recruiting year along with a solid nucleus should produce one of the finest squads in many seasons.

The track team will be housed in the new Multi-Sports Building. The indoor season opens January 25, 1975, with the Michigan Relays.



DISTINGUISHED SERVICE AWARD—Winners of the Distinguished Service Award, pictured with President R. W. Fleming and James E. Knott, are (back row, left to right): James A. McNamara, Jr., assistant professor of anatomy and research scientist at the Center for Human Growth and Development; Fleming; Knott; David R. Mouw, assistant professor of physiology; and David A. Sonstegard, assistant professor of applied mechanics. Front row: Ralph Williams, assistant professor of English language and literature; Margaret A. Lourie, assistant professor of English and director of the Women's Studies Program; and Robert G. Pachella, assistant professor of psychology.

Teaching and Achievement Are Recognized

University's Highest Honor

George Kish, professor of geography, has been named Henry Russel Lecturer for 1975. The lectureship, the highest honor the University can bestow on a senior faculty member, is awarded in recognition of research achievement and particularly valuable service in teaching.

Kish is a prolific writer and specialist on the geography of the Soviet Union. He is co-founder of the University's Russian Studies Program.

Achievement and Service

Five senior faculty members recently received Distinguished Achievement Awards of \$1,000 each in recognition of outstanding teaching and research and Distinguished Service Awards of \$750 each were given to six junior faculty members for excellence in teaching and university service.

The awards are supported by the Michigan Annual Giving Fund and The Presidents Club.

Outstanding scholarship and teaching ability are recognized in many ways at the U-M, as are innovative approaches to education.

To stimulate new approaches to knowledge, the College of Literature, Science, and the Arts has inaugurated the Collegiate Professorship Program. Seven transdisciplinary courses ranging from problems in evolution of biology and their societal implications, to the physics of music are currently offered.

The title of "collegiate professor" is bestowed for a period of two years upon faculty members of any rank who demonstrate outstanding ability as undergraduate teachers and who propose an undergraduate course which could not normally be offered within departmental frontiers. After the course has been taught twice, it may be integrated into the curriculum. "In all cases," Acting LSA Dean Billy Frye explains, "a new course offering will have been provided, new insight generated, and the spectrum of course offerings enhanced."