

MSU News-Bulletin

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Michigan State University

Oct. 7, 1971

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Board of Trustees asked to meet Friday to consider retroactive salary raises

The Board of Trustees will meet Friday at 6 p.m. in Kellogg Center to consider an administration recommendation that the University grant a 7 percent pay increase to faculty and staff "as originally planned, with no strings, making up any later internal deficit through forced savings and perhaps painful program reallocations."

President Wharton said in a statement Wednesday that the recommended course of action was "in the best interests of the University and its personnel."

The Board had been scheduled to meet last week to consider granting the 7 percent retroactive increase, but the meeting was postponed in the wake of Gov. Milliken's announcement that he was authorizing cuts of up to 3 percent in state appropriations for a state "contingency fund."

Faced with this uncertainty, Wharton said, the administration was faced with three basic choices: To reduce the proposed pay raise by the maximum

amount MSU could lose from the state (thus making a 3.5 to 4 percent wage hike); to provide the 7 percent raise now with the understanding that it could be reduced later in the fiscal year; to provide the 7 percent raise and make up any deficit through saving and reallocation.

In making up any deficits, Wharton said, the University will give priority to making severe economy measures in

operations and to cutting programs. "While there will be some economizing in the area of personnel, through restrictions on short-term or temporary employment and the replacement of turnovers," he said, "no layoffs are contemplated."

The 7 percent wage increase for faculty would be an average figure, since deans and department heads have been urged to provide higher raises for senior

faculty. The suggestion originated with the faculty affairs and faculty compensation committee, which urged that professors and associate professor be brought to a higher comparative rank among Big Ten schools.

If the Board approves the recommendations, attempts will be made to provide payment of the retroactive raise amount in separate checks, as soon as possible.

C.B. materials available

Five sets of materials on collective bargaining in higher education, including a complete bibliography of all known publications on the subject, are being made available for faculty use by the Ad Hoc University Committee on Collective Bargaining.

One set will be at the reference desk in the main library, one in the Chemistry sub-library, and one in the Wilson Hall sub-library. Two sets will be "roving", to be checked out for longer periods by departments or other groups. These may be secured from the Receptionist in the faculty wing of East Akers Hall. Information on the roving sets is available from Mrs. Perry, 353-2930.



Photo exhibit at Kresge

An exhibit of photographs by members of the MSU Photo Laboratory is currently on display through Oct. 24 in the Kresge Art Center. It includes photos by William Mitcham (whose work is shown), manager of the lab, and by Robert Brown, Dick Wesley and Bob Smith. Other samples from the exhibit are printed elsewhere in today's paper. Also at Kresge is "Drawings USA."

The highway: An issue since 1949

The proposal for a highway across the Michigan State campus dates back 22 years, to October of 1949 when the State Highway Department requested a right-of-way to extend Main Street eastward to then - U.S. 16 (Grand River Avenue).

Here, based on excerpts from Board of Trustees meetings, is a chronology of the Board actions concerning the highway:

OCT. 20, 1949

The State Highway Department asked for some assurance that the Board of Trustees would make available a right-of-way for the extension of Main Street to U.S. 16, involving a right-of-way north of the Grand Trunk Railroad from Harrison Road to Hagadorn Road.

The Board voted to instruct the secretary to notify State Highway Department officials that when they were ready, the right-of-way will be made available to them.

OCT. 19, 1956

George Foster and E.A. Bellenbaum of the State

Highway Department met with the Board and proposed a preferred route for the new limited access U.S. 16 highway through the campus north of the Grand Trunk Railroad. Other possibilities were discussed, including a route parallel to Cavanaugh Road and then turning north between Lansing and East Lansing.

The Board voted unanimously to advise the highway commissioner that it had no enthusiasm for U.S. 16 across University property; that it would cooperate if the route were parallel to and near Cavanaugh Road. The Board recorded its unanimous opposition to the more northerly route preferred by Foster and Bellenbaum.

SEPT. 17, 1964

Director Harold Lautner (of campus park and planning) appeared before the Board with charts and maps showing the probable effect on MSU's future development if the proposed throughway on the north side of the Grand Trunk Railroad were eventually

(Continued on page 3)

Hearing is Oct. 14

Indications of extensive participation in next week's hearing on the proposed cross-campus highway has caused a shift in the hearing location to the Big Ten Room of Kellogg Center. The hearing had originally been set for the Lincoln Room.

The public hearing will begin at 1:30 p.m. next Thursday (Oct. 14). It is expected to last until about 6 p.m., but if all witnesses have not been heard, an additional hearing date will be set.

This Sunday (Oct. 10), a group of 10 faculty and student naturalists will lead a walking tour of the route for the proposed cross-campus highway. The tour will begin at 9 a.m. from the Grand Trunk Railroad crossing at Hagadorn Road and will go west to the Harrison - Trowbridge intersection. The tour is not a protest against the proposed route, explained Paul Risk of fisheries and wildlife.

The Forum

The Forum is intended as a platform of opinion for readers of the News - Bulletin. Comments, and letters to the editor, may be addressed to the editor, Room 324, Linton Hall. We reserve the right to edit contributions when necessary to meet space and other requirements.

Faculty 'sold down the river'?

Note: Assistant Provost Herman King attended the September conference on collective bargaining for faculty ("Faculty Power") at the University of Michigan (News - Bulletin, Sept. 30). In the following point of view, he examines the suitability of collective bargaining for faculty.

I have an uneasy feeling that Michigan State is about to be sold down the river with the best of intentions on the part of all concerned. Attendance at the "Faculty Power" seminar did not qualify me as an instant expert on collective bargaining, but it did provide some basic concepts around which my concern can be organized and expressed.

The traditional and perhaps mythical model of a university is the "community of scholars" model in which it is assumed that the interests of the faculty and the interests of the administration are identical or nearly so. "Community of interest" is the key characteristic of this utopian institution.

If "community of interest" represents one end of the scale, perhaps "conflict of interest" represents the other. It appears that there are many organizations, mostly industrial in nature, where conflict of interest between management and labor is indeed a pervasive and continuing characteristic. Legislation has been enacted, conflicts have been adjudicated, precedents have been set, practitioners have been trained, and collective bargaining has become the order of the day — all to resolve the inherent conflicts of interest between labor and management.

In the past few years several universities seem to have decided that since they fall short of the "community of interest" ideal, they must be at the other extreme. At any rate, they have adopted, for better or for worse, all the complex and expensive legalistic machinery that has been developed to deal with industrial conflict of interest. Maybe they were right. Maybe conflict of interest was their prevailing characteristic. I have no way of knowing.

But I do know something about this University. It would be naive to assume that there is a perfect community of interest between the faculty and the administration at MSU, but it is equally naive to assume that there is a pervasive and continuing conflict of interest.

After serving this institution for 26 years as extension specialist, classroom teacher, researcher and administrator, I am firmly convinced that at least 75 percent of our so-called conflicts are not really conflicts at all, but are misunderstandings based on inadequate or poorly timed communication within our own system.

Must we pay an outside organization to convert our misunderstandings into conflicts just because we don't take time to listen to each other? Is there no procedure which will improve communication rather than stifle it, and which will at the same time provide for the resolution of those few conflicts which prove to be real rather than apparent?

Charles M. Rehms, professor of political science at the University of Michigan

On other campuses

CHAIRMEN IN FACULTY UNIT. The National Labor Relations Board has held for the first time — in a ruling for Fordham University — that department chairmen may be included in a faculty bargaining unit. The NLRB also ruled that faculty members at a private university (also Fordham) are "entitled to all the benefits of collective bargaining if they so desire." And the board said that the Fordham law faculty could have its own bargaining unit because it had an "identifiable group of employees" with a "separate community of interests." The NLRB in a ruling last spring said that faculty members at C.W. Post Center of Long Island University had bargaining rights but that chairmen were supervisors and thus not eligible to join the faculty unit.

* * *

GRAD SCHOOL GROWTH HALTED. The State University of New York has imposed a moratorium on expansion of graduate programs, pending a review by a panel which is to develop recommendations for future growth. For the immediate future, no new master's or doctor's programs will be approved except in compelling circumstances. Graduate enrollment at the SUNY campuses has increased from 16,725 in 1965 to more than 37,000 this year.

* * *

DELINQUENT FACULTY. Effective this fall, any overdue account at the Harvard University Faculty Club may be deducted from the delinquent member's salary payment. The procedure is to enforce a regulation that "all indebtedness shall be paid on or before the 20th of the month following the month the indebtedness has been contracted."

* * *

CONTRACT AT SUNY. The newly negotiated contract for some 15,000 teaching and nonteaching members of the Senate Professional Association at the State University of New York calls for a 6 percent increase in basic salary and continuation of annual salary increments. The contract also includes guaranteed binding arbitration by a neutral party in disagreements over contract and assurance that job reductions caused by financial cuts will be determined according to seniority.

* * *

STUDYING THE HORSES. Cornell University veterinarians have received a three-year, \$501,605 grant to launch a study of the effects of drugs on horses. The grant also provides a plan to introduce pre-race testing of horses at New York harness race tracks as safeguards to "instill confidence in race results as did such devices as the photo finish camera." The grant is from New York's seven harness race tracks.

suggests a possible alternative to collective bargaining as it is customarily practiced in the industrial sector. His suggestion is of particular interest to this institution because it represents a variation (a critical variation, to be sure) of a system already established on this campus.

Rehms describes a hypothetical committee, elected by the faculty, responsible to the faculty, and supported by very nominal dues paid by the faculty. The dues provide released time for one or more members of the committee who, with some secretarial and technical help, constitute the "staff" of the committee. The "administration" provides only office space and access to all necessary data.

Working with data assembled by its staff, the committee prepares proposals for discussion with the administration. To the extent that committee proposals and administrative proposals are in agreement, or can be brought into agreement, they are forwarded to the governing board as joint proposals of the administration and the faculty. If the committee and the administration cannot agree, options are available, either mediation or arbitration, before referral to the governing board for a decision on the administrative recommendation. Mediators or arbitrators, if needed, are invited from other academic institutions.

The establishment of such a committee system presupposes an institutional grievance procedure and the willingness of the faculty to exhaust the institutional procedures before resorting to the courts. It presupposes also a genuine desire for more communication rather than less, and a desire on the part of all to resolve the problems of the university rather than to formalize them.

Attendance at the "Faculty Power" seminar increased my respect for the expert practitioners in the field of industrial relations, but it strengthened my conviction that industrial relations are not the same as academic relations and that the bargaining table is not a substitute for academic communication.

—HERMAN KING

Achievements

JAMES B. BEARD, professor of crop and soil science, has been elected a fellow in the American Society of Agronomy. He was cited for his contributions in turfgrass management and for his teaching work.

Two horticulture professors, **MARTIN J. BUKOVAC** and **DONALD H. DEWEY**, have assumed offices in the American Society for Horticultural Science. Bukovac is a member of the board of directors, and Dewey is chairman of the pastharvest horticulture section. Another horticulturist, **ALVIN L. KENWORTHY**, retires as president of the group and is now chairman of the board of directors and executive committee. **ROBERT R. CALRSON**, professor of pomology, was elected a fellow of the society, one of 11 persons so honored by the group.

LEONARD FALCONE, professor emeritus of music, was director of a 75-member band of high school and college musicians that made a four-week concert tour of Europe. Sponsored by the Blue Lake Fine Arts Camp, the band performed in Holland, Belgium

Germany, and in Italy, where it gave a concert in Falcone's home town of Roseto Valfortore.

Two crop and soil scientists were elected to offices during the joint meeting of the American Society of Agronomy, the Social Science Society of America and the Crop Science Society of America. **RAYMOND J. KUNZE** was elected vice chairman of the Soil Physics Division of the Soil Science Society, and **PAUL E. PIEKE** became chairman-elect of the Turfgrass Management Division of the Crop Science Society.

WKAR

FRIDAY, OCT. 8

1 p.m. (AM) — The Rev. Jesse Jackson, founder of Operation Breadbasket, and William F. Buckley Jr. discuss "Is America Hospitable to the Negro?" on "Firing Line" (Repeated 7 p.m. on FM).

SUNDAY, OCT. 10

2 p.m. (AM-FM) — The Cleveland Orchestra performs Dvorak's Carnival Overture, Mendelssohn's Violin Concerto and Symphony in D minor. 4 p.m. (AM-FM) — Biologist Rene Dubos discusses "Man and His Cities."

TUESDAY, OCT. 12

10:30 a.m. (AM) — Four Yugoslav jazz ensembles are featured on "Jazz International." 1 p.m. (AM) — American Indians explore their history and future on "Uncle Sam's False Assumption."

THURSDAY, OCT. 14 — 1 p.m. (AM) — Former Interior Secretary Walter Hickel discusses his book, "Who Owns America?" at the National Press Club.

WMSB

THURSDAY, OCT. 7

7 p.m. — Consumer tips, a news roundup and musical entertainment is featured on "La Revista."

SUNDAY, OCT. 10

1 p.m. — The final program of "Evening at Pops" features ragtime pianist Max Morath performing with Arthur Fielder and the Boston Pops. 3:30 p.m. — Bill Boyers, former presidential press secretary and ex-publisher of Newsday, is anchorman for a new series, "This Week." 4:30 p.m. — "Black Journal" features a discussion involving Georgia Legislator Julian Bond, playwright Imamu Amiri Baraka (LeRoi Jones), the Rev. Jesse Jackson and Mayor Richard Hatcher of Gary, Ind. 10 p.m. — "On Assignment" interviews former Georgia Gov. Lester Maddox.

TUESDAY, OCT. 12

7 p.m. Students discuss the problems of maintaining individuality in this segment of "Nobody but Yourself."

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Shaw Lane power plant... photo by Dick Wesley

Ag college sets open house

The College of Agriculture and Natural Resources will hold an open house Monday afternoon, Oct. 18, to show faculty and administrators outside the college some of its new research and teaching techniques.

The program starts at 1:15 p.m. in Anthony Hall with comments from Dean L. L. Boger and S. H. Wittwer, *experiment station director*.

Starting at 2:15, visitors can take one of six tours: Natural resources, engineering,

pesticides, biological science, plant and soil science, and food science.

Teaching features will include a self-teaching, self-testing learning center and a "teaching greenhouse."

Research techniques to be demonstrated include an electron microprobe, controlled atmosphere storage, microwave cooking, photochemistry, gas chromatography, mass spectrometry, and an "unpolluter" for recycling animal wastes.

Urban affairs college proposed

The long-awaited proposal for the College of Race and Urban Affairs has been submitted to Provost John E. Cantlon. If approved, it would be the first multidisciplinary urban-oriented, degree-granting program at a major university, according to Robert L. Green, director of the Center for Urban Affairs.

It would offer both bachelor's and advanced degrees.

Green said that the CUA-prepared proposal is now being studied in the provost's office, after which he expects it to go to the University Educational Policies Committee.

"I hope the proposal will be approved no later than the beginning of winter quarter," he said. "This projected timetable is based on optimism and the fact that the planning leading to the document has already been shared with key academic officers in the University."

* * *

THREE SPECIAL features are cited in the 122-page proposal:

* The report says, "The college will concern itself with particular racial and urban problems central to the quality of life in Michigan and the nation."

To accomplish this, Green says, "the college will be divided into two units: One concerned with problems of race and ethnocentrism, the other with the substantive problems of urban areas such as health, education and housing."

* A second feature of the proposed college is its multidisciplinary coursework. "Since attention is focused upon problems rather than disciplines," the report says, "it is essential that the views of any discipline that can contribute to the solution of the problem

be brought to bear upon that problem."

* The third characteristic, Green says, is the key to the proposal. He emphasizes that the college is designed to combine coursework in the community, traditional academic coursework and problem-oriented research, often carried out in the community. "Thus," the report says, "research, community and coursework are perceived as a whole by the new college, each having an equal place in the training procedures."

"It is the purpose of the college to train people who are service oriented, knowledgeable about problems, and interested in bringing this knowledge and scientific expertise to urban-centered problems."

* * *

THE DOCUMENT ALSO lists possible courses in the problem areas of racism, urban health science and urban resource development.

Suggested courses in urban health science include: The cultural impact of health issues; the prevention and management of health problems; innovative and comparative health care systems; current organization of health services — local state and national; processes of project funding; systems affecting urban populations.

Urban resource development focuses on housing, transportation and education, with such suggested course offerings as: Human aspects of housing; new development and trends in housing; social welfare policy — housing and urban development; and urban housing and residential neighborhoods.

Campus highway issue . . .

(Concluded from page 1)

completed as planned by the State Highway Department.

After considerable discussion, on motion by Warren Huff, seconded by Stephen Nisbet, it was unanimously voted to authorize officers of the University to advise the State Highway Department and others that the University would insist on the construction of the highway in such a way as to provide a separation of grades with complete accessibility for University traffic at all times across the new highway at Bogue Street, Farm Lane and Power Plant Road. The trustees also suggested that those planning the highway consider the possibility of separated highways crossing the new highway at Harrison and Hagadorn Roads. It was understood that if this University requirement increased the amount of monetary contribution required for the City of East Lansing, the University would stand prepared to negotiate an appropriate settlement with East Lansing for any additional costs required to solve the University's problems.

APRIL 20, 1967

A communication from Howard E. Hill, director of the State Highway Department, was distributed to the trustees. It was increasingly clear that extension of M-43 across University property without a grade separation at Harrison Road will create insurmountable problems for the University and the community.

SEPT. 19, 1969

Secretary Jack Breslin recommended that the trustees approve the following plans for construction of M-43 (known as "cross-campus route"): Red Cedar Road would intersect the highway at grade, projecting to the north only. Farm Lane would be separated from M-43 by a structure and Bogue Street would interchange with M-43. M-43 would go under Farm Lane, the latter remaining at about existing grade and not separated from the Grand Trunk Railroad. Bogue Street would be depressed, going under both M-43 and the railroad. It was not clear if East Lansing was willing to participate financially in the additional cost of Bogue Street treatment.

Kenneth Thompson moved, seconded by Don Stevens, and it was unanimously voted to approve the

recommended plan for construction of M-43. Huff suggested that the highway department be asked to permit University grounds people to assist in landscaping the banks and grades on the highway.

JUNE 18, 1971

Henrik Stafseth, director of state highways, and other members of his staff met with the Board to discuss previous planning on the M-43 cross-campus highway. Stafseth pointed out that following the Board action of October, 1949, providing a right-of-way for extension of Main Street to U.S. 16, planning began for a whole network of roads for the Lansing-East Lansing area. He said that the highway department had tried in planning M-43 to accommodate the University's request for design of the road within available funds. He said that the highway department was not absolutely pleased with the Harrison Road crossing, but was convinced it would work. He also said that a grade separation at Harrison and Trowbridge Roads would be financially impossible for the City of East Lansing.

Some trustees questioned the necessity and value of any cross-campus road. Others questioned the location, suggesting that Mt. Hope would be better. The problem of exhaust fumes and their effect on the experimental greenhouses at Farm Lane was also raised. The real value of the road to the University was questioned.

In rebuttal, Stafseth said that because the University was the largest single generator of trips in the area, the highway department felt the location of the road greatly benefited those coming to the campus. He also indicated that with improved standards for auto exhausts by the middle '70s and modern airflow filtering systems, the highway would not prove damaging to the experimental greenhouses.

Jack Patriarche, East Lansing city manager, reviewed briefly the serious problems that would be created on Grand River Avenue in East Lansing should the M-43 not be approved by the Board. He also outlined the investment East Lansing already has in Trowbridge Road which was based primarily on the assumption that M-43 would continue east of Harrison across the campus. Both Patriarche and Stafseth indicated that

the very expensive design of the Trowbridge interchange was based on M-43 crossing the campus.

After the presentations, the Board discussed at great length what action it should take. There seemed to be some trustees who would agree to the location if there were a change in the highway design, particularly at Harrison and Hagadorn Roads. Some felt a new location was absolutely necessary. Others felt that they did not under any circumstances want the proposed highway to cut across MSU property.

Pat Carrigan moved, seconded by Thompson, to advise the highway department to seek alternate routes for the proposed highway which did not cross MSU property. Voting "yes" were Stevens, Carrigan, Thompson, and Hartman; voting "no" were Huff, Blanche Martin, Frank Merriman, and Clair White. Motion failed.

Huff moved, seconded by Merriman, to instruct the highway department that the highway (M-43) would be approved only if there were grade separations at Harrison and Hagadorn Roads. Voting "yes" were Huff, White, Martin, and Merriman; voting "no" were Carrigan, Hartman, Stevens, and Thompson. Motion failed.

Thompson moved, seconded by Merriman, to advise the highway department that the board rescinds its previous action of September, 1969, approving the proposed highway design and location. Motion passed unanimously.

It was understood that, on the basis of this action, further discussions would be conducted with the highway department on the issues and objections raised.

SEPT. 10, 1971

Wharton distributed a tentative outline of the plans for the public hearing on the proposed cross-campus highway, scheduled for 1:30 p.m., Oct. 14, 1971, with additional hearings to be scheduled if necessary. Wharton suggested that the trustees should delay action on its proposal until the Nov. 19 Board meeting, after they have had an opportunity to consider the information presented in the public hearing.

New selection procedures approved for faculty awards

The Academic Council Tuesday approved new selection procedures for the Distinguished Faculty Awards, basing them now on colleges rather than selecting them through a University-wide committee.

The awards will be rotated among colleges according to size of faculty in each college. For purposes of the award the Cooperative Extension Service and the Library will be considered as "colleges."

Each college with 200 or more faculty will select an award winner each year; those with 100-199 faculty will select a winner every second year; those with 30-99 will select a winner every third year. Colleges with less than 30 faculty will be grouped.

A general criterion for the award will continue to be total service to the University, but specific criteria and methods of selection will be determined by colleges.

Council members heard several reports, including status of implementation of increased student

participation, status of the proposed grievance procedures, activities of the Faculty Affairs and Faculty Compensation Committee (FAFCC), and remarks from President Wharton.

Wharton commented on three areas:

*The budget and proposed salary increases. The administration did develop a set of recommended raises averaging 7 percent, he said, closely following FAFCC recommendations. Difficulties now, he said, include the element of uncertainty because of Governor Milliken's proposed 3 percent cut in appropriations. The University does not know when the contingency fund will be withheld or how much will be withheld, or the disposition of the funds that will be withheld, Wharton said.

He said the administration has not discarded hope for the original plan, and that when recommendations are resolved a letter will be sent from his office to faculty and staff on what their recommendations are and the basis for

them.

*Campus highway hearing. Twenty-one individuals or groups have so far requested the opportunity to make presentations at the hearing Oct. 14 at Kellogg Center at 1:30 p.m.

*Procedures for Selection of the Vice President for Student Affairs. Proposals from a committee chaired by John F. A. Taylor, professor of philosophy, were not accepted last year by the Board of Trustees because the board preferred to leave selection procedures for administrative officers at the discretion of the President. Wharton said that he had chosen to generally follow the rating procedures proposed by the Taylor report, and that this is in process.

Frederick Williams, professor of history and chairman of FAFCC, spoke at length of the committee's involvement in the salary proposals and budgetary events of the last few weeks, including the governor's announcement and the wage-price freeze.

The committee has met weekly and sometimes twice weekly since the freeze announcement, and met with Provost John Cantlon the day after President Nixon's announcement.

When the Board of Trustees meeting (which was called to act upon salary increases) was cancelled last week after the governor's announcement, the FAFCC met with the provost to discuss the implications. They later met with Cantlon and Elliott G. Ballard, assistant

to the president, to discuss the University's financial situation.

The committee continues to recommend that the trustees approve a 7 percent average salary increase, retroactive to July 1. They found "no reason for the administration to change in any way the recommendation it intended to make to the board Sept. 29," Williams said, "and immediately informed the provost" of that decision.

Williams said that all meetings with the president and provost have provided open and candid exchanges of views.

The FAFCC recommendations, approved in June, were to place priority on increases for full professors since they rank at the bottom of the Big Ten, with second priority to associate professors who rank near the bottom of the Big Ten.

FAFCC also recommended that "serious inequities in salary averages among the colleges be taken into consideration so that these inequities do not become wider through application of fixed percentage adjustments; that a minimum of \$300 be granted to each faculty member who was promoted; that a minimum of \$200 be granted to 12-month faculty, who suffer by comparison with schedules of 10-month faculty; and that merit increases be granted at all ranks."

FAFCC recommendations took into consideration the results of a faculty opinionnaire conducted last year by the faculty affairs committee.

Campus Community Chest opens campaign this week

Last year more than 114,000 persons in the Lansing area used health, welfare, and youth services provided by 54 United Community Chest-supported agencies. Some of those people and others like them still need the services.

This week MSU kicks off its annual Community Chest Campaign in its effort to help meet those needs. The campaign runs through Nov. 3.

MSU, a unit of the government and education division of the United Community Chest, has its goal set at \$202,000 out of the total Lansing area quota of \$2,180,000.

Serving this year as University chairman for the Community Chest Campaign is John C. Howell, associate dean of human medicine and of social science. Vice chairmen are: Thomas A. Dutch, manager, Brody Complex; Russell G. Hill, professor of resource development; Louis Ross, stockman, McDonel Hall; Kenneth B. Schram, assistant comptroller, business office; and Kermit Smith, assistant to the provost. In addition, 33 divisional leaders and approximately 275 unit solicitors are giving their time and effort to the campaign.

The services that the chest-supported agencies render complement those of government and they meet "needs expressed by a wide range of persons," Howell said. "Moreover, these voluntary agencies provide one significant avenue

by which the concerned citizen can become more personally involved — as a volunteer worker, as a participant in policy making, and as a donor — in improving the quality of life in our community."

Howell explained that about one-third of chest contributions go for family services, including parental and unwed mother counseling, adoption service, mother and child care, legal aid for low-income and minority groups, and blood collection.

Another third is spent to promote health, social, educational and character development of boys and girls, with special attention to inner-city youth.

The balance of the campaign funds is devoted to health research, including the cause and prevention of cancer and other diseases. About 9 cents of each contributed dollar goes for administrative activities of the chest itself.

Community Chest agencies at one time or another serve nearly every family in the community.

Contributions may be made by check, cash or payroll deduction. Persons willing may designate any one or combination of Chest agencies to receive their donations. Contributors may also join the 1 percent club. Those contributing by payroll deduction may do so by lump sum in February, or 12 equal payments beginning in January.

Wharton urges support for Campus Chest drive

TO MSU FACULTY AND STAFF:

The annual University Community Chest Campaign at MSU is ready to begin. The success of this drive will help determine whether more than 50 different agencies will be able to continue their record of service to the Greater Lansing area.

Our contributions to the Community Chest Campaign are a measure of our willingness to participate in service to the community. We at MSU can be proud of the support which we have given in the past. This year, however, the state of the economy, the wage freeze and related factors may cause you to place a lower priority on your participation in the campaign than in previous years. I urge you not to allow this to happen. Most of those served by the Community Chest agencies are affected even more by adverse economic conditions than are we, and they must depend even more than usual on a successful drive.

Therefore, our obligation to participate this year is even greater. I know we will meet the test.

Clifton R. Wharton, Jr.
President

A-Ps approve resolution to formalize bargaining

By more than a 3-1 margin, the Administrative-Professional Association voted Tuesday night to strengthen its negotiating relationship with the University administration.

Members voted 130 to 41 in favor of a resolution which stated: "The MSU Administrative-Professional Association Executive Board should exercise all necessary resources and powers of the Association to represent Administrative-Professional employees in all conditions of employment in accordance with applicable law."

William Kenney, associate director of financial aids and president of the A-P Association, explained that the resolution does not establish a "black and white" bargaining relationship with the University, but rather it calls for a "middle ground" approach, whereby the association will seek a minimal University written commitment. The Association does not want a master contract, Kenney said.

In presenting the executive board report, Kenney spoke of the group's frustration in trying to advise the administration on salary and benefit items for A-Ps. The University reversed itself on a merit salary increase program, Kenney said, and it became a nonnegotiable issue.

He said an A-P proposed increase in the base of longevity was dropped by the administration because of problems in negotiations with the University's labor union.

Other items, including sick leave and vacation proposals, were to be presented to the Board of Trustees with the MSU budget, but nothing has been taken to the trustees yet, Kenney said.

With passage of the resolution, Kenney said the executive board will proceed on a "step-by-step basis, with the least militant posture possible." He said they would continue the same committee working relationship, since

that has been successful. But when consensus is reached at the committee level (committees consist of A-P Association representatives and University representatives), the University will be asked to honor its agreements by signing them, thus committing administrators to take items to the trustees by specified dates.

If the different relationship with the University will result in a University request to exclude certain A-Ps from the association, Kenney said the association would refuse and that someone from the state labor department would have to come in to decide the matter.

In other action, the A-Ps elected Paul A. Nilsson, superintendent of utilities in the physical plant, to a two-year term on the executive board.

The membership committee reported that of 618 A-Ps working on campus, 374, or 61 percent, are members of the association.

And the classification committee reported on its studies and its recommendations to the executive board. The recommendations include a request to the University administration to prepare and make public complete organizational charts with titles and classifications, and a demand to the administration that every new A-P classification be reviewed and approved by an A-P committee.

— BEVERLY TWITCHELL

Game at 1:50

It's official now: Since the first game of the World Series will be played Saturday in Baltimore, the MSU-U of M game in Spartan Stadium will get underway at 1:50 p.m. An uncertainty in game-time had existed since both the football and baseball games are to be televised nationally. Again, MSU-U of M kickoff is at 1:50 p.m.

General education report

Recommendations would offer options

The University Educational Policies Committee (EPC) proposal to modify general education requirements is designed to make flexible "the general education options that students have in the University," according to W.D. Collings, EPC chairman and professor of physiology.

The proposal was submitted to the provost's office in June, in accord with the EPC's function as advisory to the provost.

But because some problems must be resolved before the recommendations could be implemented, it may be some time before they will go to the Academic Council.

One EPC recommendation is to retain the current minimum of 45 credits in general education, but no longer require that the minimum be met solely within the University College.

But before the University College requirement can be dropped, other course options must be developed, and this could require budgetary rearrangements among colleges and departments.

The first step, however, is to develop criteria and acceptability for general education credit for the alternative courses.

Dorothy Arata, assistant provost for undergraduate education, has been working since spring term with an ad hoc committee to develop those criteria for existing as well as new courses. Chairman of the ad hoc committee is Douglas Dunham, chairman of social science and president-elect of the National Association of General and Liberal Studies.

The ad hoc committee, Arata said, will develop a position paper based on a philosophy of general education prepared by Dunham. The position will be discussed by the provost's staff and then "launched" for campus-wide discussion. Ultimately, it will be forwarded to the University Curriculum Committee (UCC) for approval.

Interested persons will be able to respond to that paper, Arata said. She expressed hope that it would be ready early this month.

The EPC also recommended that the 45-credit general education requirement be "reasonably equally divided" into three general areas — arts and humanities; biological, physical or mathematical sciences; and social and behavioral sciences. Interdisciplinary courses may serve as two or more areas. The requirement would also include courses to demonstrate proficiency in writing and oral communication.

And EPC suggested continuing to permit colleges to substitute in the area closest to the student's major, and continuing the provision for waiving general education requirements upon demonstration of competence.

* * *

THE EPC FURTHER recommended that, to give more student choices, the University College faculty be authorized to develop upper level general education courses, and additional freshman and sophomore general education courses.

But it also urged that all colleges be encouraged to provide access to general education courses now offered, and to develop new general education courses at both lower and upper division levels.

Some of these courses, EPC suggested, "should be developed jointly by teams of faculty members from two or more colleges or departments in the pattern of the present University interdisciplinary courses."

Again, criteria for any new courses or options will be developed through Arata's office and through UCC. And a major factor will be financial constraints on courses qualifying for general education credit.

Assistant Provost John Dietrich is working with an EPC subcommittee concerned with implementing and coordinating the recommendations. Data are

being gathered "on the problems in resource allocation related to the broad change in the present system." Dietrich said that the problem now is that if students begin to take alternative courses, such courses must be staffed and the departments funded.

At the same time, a plan for "phased implementation" of the proposal is being developed. It is conceivable that all the requirements will not be dropped at the same time, or that a control group of freshmen will be allowed into the option program. This would give the University an opportunity to study enrollment trends so that funding of programs can be adequate.

Full implementation of the EPC recommendations might be a few years away, Dietrich said. But a problem exists today, he added, because more than 10,000 students already seem to assume that the changes are going to occur during their tenure at the University.

* * *

A SECOND PART of the EPC recommendation dealt with development of a baccalaureate degree program in general studies. All colleges — not just University College — who wish to offer the bachelor's degree in general studies may draft a "precise proposal detailing the nature of the program to be offered," EPC recommended. Those proposals would then go through normal University curricular channels.

Should the University College proposal be accepted, a recommendation to modify its organizational charge would need to be developed for action according to the Bylaws of the Board of Trustees. This action is needed, because University College is the only college not currently organized for a four-year program.

It is not true, as reported last week in the State News, that the EPC proposal would allow University College to initiate a degree program. University College, like other interested colleges — such as social science, arts and letters, and natural science — may develop a specific proposal for regular evaluation and debate within the University.

* * *

THE EPC RECOMMENDATIONS date back to October, 1969, when the provost asked the committee to advise him on the organization of undergraduate education.

In June, 1970, EPC made several recommendations to the provost, including four which have been implemented or are in the process: Appointment of an assistant provost for undergraduate education, evaluation of the residential colleges; changes in language requirements, and development of alternative living patterns.

EPC at that time also made several recommendations concerning general education, including reaffirmation of the 45-credit requirement, shared responsibility among the several colleges, availability of a distribution of courses at all levels.

And EPC proposed that University College be encouraged to develop a general-liberal degree program. In November, 1970, the University College proposed a program, as did other sources. All proposals were referred by the provost to the EPC.

The new EPC recommendations remained basically the same with two major exceptions: All colleges may develop proposals for the degree program, and criteria should be developed for acceptability of general education credit.

As it now stands, the EPC recommendations will not be sent to the Academic Council until three things are done: Data are collected on the problems of resource allocation; a plan is developed for phased implementation of the proposal; and criteria for course acceptability are developed.

--BEVERLY TWITCHELL

AAUP council calls meeting to organize bargaining drive

Faculty interested in an organization drive for faculty bargaining will meet Saturday (Oct. 9) at a meeting called by the council of the MSU Chapter of the American Association of University Professors (AAUP).

The meeting follows a resolution approved this week by the council which states its intention to increase efforts to unionize the faculty and to become the bargaining agent at MSU.

Authorization cards will be sent to all MSU faculty and librarians on the tenure track.

The resolution, adopted Oct. 2, states, "The inability of Michigan universities to match education needs with financial resources represents a serious breakdown in the traditional manner in which universities have been financed.

"The AAUP is concerned with the deteriorating academic situation at the University. The admission of large numbers of students this fall without providing the necessary educational or housing facilities for them can only harm the University and all that it has built.

"The inability of MSU to meet the economic needs of students, faculty and staff has seriously compounded the

problems facing the University.

"The AAUP feels that the faculty voice must be heard in the decision-making process. The only way open for meaningful faculty participation is through unionization."

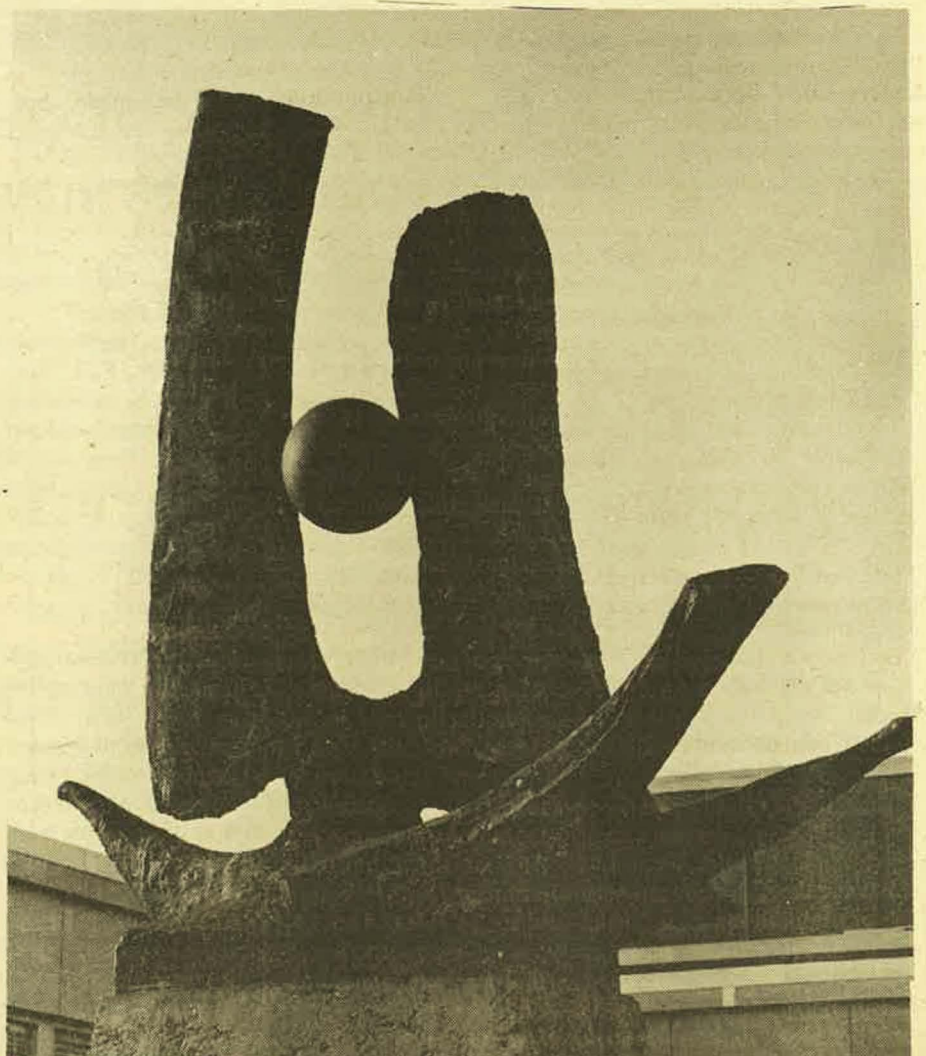
Sigmund Nosow, professor of labor and industrial relations and president of the AAUP chapter, said the problem is the whole state of education, and if any organization should be blamed, it should be state government.

"Either there is an inability for leadership to emerge there," he said, "or there is an inability for consensus to be reached on education or financing state services."

The problem is compounded at MSU, he said, by the "absolute irresponsible admission of students."

Faculty would like to have options available when distribution of resources is involved, Nosow said, and if faculty had a voice in these options "they wouldn't have undermined the quality of education."

The AAUP sent out authorization cards last spring and received signatures amounting to 10 percent of the defined bargaining unit. They will now try to obtain the 30 percent required to call for a certification election.



The cyclotron sculpture. . . photo by Bob Smith

7 to get Patenge Awards

Seven persons will be honored this Friday (Oct. 8) during the first convocation for MSU's new College of Osteopathic Medicine at 2 p.m. in Erickson Hall.

The seven—cited for distinguished contributions to health care, education and public service—will receive the first Walter F. Patenge Medals of Public Service. The Patenge Medal is named for the president of the Michigan Osteopathic Medicine Advisory Board. Patenge is also president of the Wohlert Corp. of Lansing.

The convocation will feature an address by Merlin K. DuVal, assistant secretary for health and scientific affairs in the Department of Health, Education and Welfare.



Jenison gets a new carpet. . . photo by Robert Brown

Council membership listed

The following is a list of Academic Council members - elected, ex officio and appointed. Beginning Jan. 1, 1972, Council membership will change to include 32 new student members, plus newly elected chairmen of the standing committees (who serve as ex officio members as the Council).

AGRICULTURE AND NATURAL RESOURCES: Richard W. Chase, crop and soil science; David R. Dilley, horticulture; John N. Ferris, agricultural economics; Harold D. Hafs, dairy; William T. Magee, animal husbandry; Richard Pfister, agricultural engineering; Robert K. Ringer, poultry science.

ARTS AND LETTERS: Thomas H. Falk, German and Russian; Paul O. Harder, music; Herbert C. Jackson, religion; Sadayoshi Omoto, art; James H. Pickering, English; Frederick D. Williams, history.

BUSINESS: William Lazer, marketing and transportation administration; Thomas L. Wenck, accounting and financial administration; Hendrik Zwarenstein, business law and office administration.

COMMUNICATION ARTS: Gerald R. Miller, communication; Patricia Walsh, audiology and speech sciences.

EDUCATION: W. Henry Kennedy, teacher education; Charles V. Mange, elementary and special education; Andrew C. Porter,

counseling and personnel services and educational psychology; Herbert C. Rudman, administration and higher education; Wayne D. Van Huss, health, physical education and recreation.

ENGINEERING: Thomas W. Culpepper, electrical engineering; Donald J. Montgomery, metallurgy, mechanics and materials science; Leo V. Nothstine, civil engineering.

HUMAN ECOLOGY: Dena C. Cederquist, food science and human nutrition; Joanne Eicher, human environment and design.

HUMAN MEDICINE: Daniel F. Cowan, pathology; Leif G. Suhrland, medicine.

JAMES MADISON COLLEGE: Chitra M. Smith.

JUSTIN MORRILL COLLEGE: Paul M. Hurrell.

LYMAN BRIGGS COLLEGE: Steven T. Spees Jr.

NATURAL SCIENCE: James E. Bath, entomology; Henry G. Blosser, physics; William C. Deal Jr., biochemistry; James H. Fisher, geology; Henry A. Imshaug, botany and plant pathology; Daniel A. Moran, mathematics; Frank R. Peabody, microbiology and public health; Lester F. Wolterink, physiology.

OSTEOPATHIC MEDICINE: John Barson; John L. Taylor.

SOCIAL SCIENCE: Gordon J. Aldridge, social work; Alan P. Grimes, political science; C. Keith Grotz, labor and industrial relations; Moreau S. Maxwell, anthropology; James B. McKee, sociology.

UNIVERSITY COLLEGE: Albert E. Levak, social science; Floyd V. Monaghan, natural science; John H. Reineohl, humanities; Willard G. Warrington, evaluation services; Robert L. Wright, American Thought and Language.

VETERINARY MEDICINE: Charles H. Cunningham, microbiology and public health; Glenn L. Waxler, pathology.

NON-COLLEGE FACULTY: Melvin C. Buschman, continuing education; John E. Dietrich, assistant provost; Gwendolyn Norrell, Counseling Center.

STEERING COMMITTEE: James T. Bonnen, agricultural economics; Thomas H. Greer, humanities; Gordon E. Guyer, entomology; Walter F. Johnson, administration and higher education; Beatrice Paolucci, family ecology.

The deans of the 16 colleges, plus the vice president for research development, the dean of students and the dean of international programs are appointed (voting) members of the Council.

Ex officio non-voting members include the chairmen of the standing committees, the vice president for student affairs, the ombudsman, director of continuing education, director of the Honors College, director of libraries, the assistant provost for admissions and records and the assistant provost for undergraduate education.

President Wharton, Provost Cantlon and Madison Kuhn, secretary of the faculties, are also members of the Council.

It's easier to return books

Two changes have been introduced to make it more convenient to return books checked out from the circulation desk at the main library.

*A driveup book return is now available facing the drive at the south entrance to the main library, opposite the footbridge over the Red Cedar. Borrowers can return books there without leaving their cars.

*Books can now be returned to any of four branch libraries: Business, engineering, Conrad Hall, Wilson Hall. Daily pickup is as follows: Monday through Thursday, 9 p.m.; Friday and Saturday, 4 p.m.; Sunday, 5 p.m. (business, engineering) and 9 p.m. (Conrad, Wilson).

These limitations exist: Books borrowed from the assigned reading desk in the science and undergraduate libraries should be returned there; books borrowed from a branch library should be returned to the branch; books returned to the driveup station after the main library closes, or to one of the branches after the scheduled pickup, will be considered as being returned the following day.

Books are loaned to faculty for a period of 70 days, in compliance with the policy change made last year by the University Library Committee limiting the loan period to one term. All service charges for overdue and fine notices are eliminated.

Berman wins top award

Louis J. Berman, general manager of the State News and lecturer in journalism, has been named the distinguished newspaper adviser in colleges and universities by the National Council of College Publication Advisers.

Berman will receive the Distinguished Adviser Award at the October convention of the council. His nomination was endorsed by such persons as former President John A. Hannah; Hannah's special assistant, James Denison; Vice President for Business and Finance Roger Wilkinson; former Vice President for Student Affairs Milton Dickerson; Elmer White, executive secretary of the Michigan Press Association; journalism and advertising faculty, State News professional staff, editors and student staff, and former students.

Faculty Folk offers variety of programs to newcomers

Learning about investments, antiquing, creative writing or Swedish gymnastics. . . a chance to go backstage after a play to see the settings and meet the actors. Such are the kinds of interests served by the Faculty Folk Club.

The group will hold its annual fall luncheon to welcome newcomers to campus and the club at 12:30 p.m. next Tuesday, (Oct. 12), in the Kellogg Center Big Ten Room. Models from Jacobson's will feature the latest fall fashions, and campus newcomers will receive welcome kits.

There are now 667 members of the club, according to Mrs. William Armistead, president of Faculty Folk. And the club is always looking for new members.

Organized in 1923, Faculty Folk is designed to welcome new faculty and provide interest groups for its members. Membership is open to new women faculty, and wives of faculty and administrative - professional personnel, says Mrs. Armistead.

The Newcomers, Faculty Folk's welcoming committee, is open to persons who have been on campus for two years

or less. One of their activities this year will be visiting the cast of a Performing Arts Company winter production.

Although the Newcomers meet separately from the Faculty Folk, they are welcomed into any of the 17 interest groups. The 14 gourmet groups boast the largest enrollment - 175. Most of the groups are composed of couples who meet in the evening for dinner. They also offer wives' groups for luncheons or samplings of international foods or demonstrations.

There are painting groups, with instruction in oils, acrylics, water colors and other art forms. In June these painting enthusiasts exhibited their works of art at the East Lansing Public Library. The antique group meets five or six times a year in activities ranging from furniture refinishing to a guided tour through the Toledo Museum.

For those interested in reading, there are the book exchange group and the book reviewers.

Members of the creative writers group meet once a month. The group offers an outlet for creative works which are evaluated by its members. For language

buffs, there are groups in Spanish, intermediate French and German conversation.

The international interest group, with 29 members, discusses topics of worldwide interest, such as problems in Nigeria and development in India and Ceylon.

Looking to the future, members of the investment group contribute \$10 a month to the fund and meet frequently with a stock broker and counselor. Instruction in macrame is included in the knitting group while the stitchery group members teach themselves the latest stitches.

Swimming, bowling and golf are available for sports - minded members. And there is bridge. A Swedish gymnastics group is in the offing, Mrs. Armistead says. Or, if the club doesn't offer what you want, new groups can be formed.

Registration for any or all of these groups will be held at the Tuesday luncheon. Annual dues for Faculty Folk are \$2.50. Reservations for the style show luncheon may be made with Mrs. Frank Mossman, 337-2317.

BULLETINS

SOVIET FILM SHOWN A Soviet film "The Inspector General," will be shown Monday, Oct. 11, at 7:30 p.m. in 106B Wells Hall, sponsored by the Russian and East European Studies Group. No admission charge.

MUMS ON SALE Football mums will go on sale Friday, Oct. 8, for this week's home game against the University of Michigan. They will be available at \$1.25 each from noon to 5 p.m. in 109 Horticulture Bldg. The annual project is sponsored by the Floriculture Forum, a student organization.

NEWCOMERS WELCOMED The Faculty Folk will hold its fall luncheon meeting to welcome newcomers to MSU at 12:30 p.m. Tuesday, Oct. 12, in the Kellogg Center Big Ten Room. A style show by Jacobson's will be featured. Nursery service at Peoples Church will be available and reservations may be made by calling Mrs. Steven Bolen, 351-0423. Luncheon and nursery reservations should be made in advance.

EXHIBITIONS

Kresge Art Center

Main Gallery: Works from the permanent collection.

Entrance Gallery, through Oct. 24: MSU Photo Lab Photographers. Recent photographs by Robert Brown, William Mitcham, Robert Smith and Richard Wesley.

North Gallery, through Oct. 24: Drawings USA 1971. Seventy-six drawings by American artists, circulated by the Minnesota Museum of Art.

SEMINARS

FRIDAY, OCTOBER 8, 1971

Role of temperature in spore germination. **Keith Yoder**, 4:10 p.m., 168 Plant Biology (Botany & Plant Pathology).

Highlights of Berkeley and Rochester conferences. **M.A. Abolins** and **J. Pumplin**, 4:10 p.m., 221 Physics-Astronomy (Physics).

MONDAY, OCTOBER 11, 1971

The effect of light quality on physiologically aged potato tuber tissue. **William Hanebuth**, 4:10 p.m., 101 Biochemistry (AEC Plant Research Lab).

Metabolic effects of meal feeding. **Gilbert Leveille**, 12:30 p.m., 126 Anthony Hall (Dairy Science).

The role of insecticide resistant natural enemies in pest management systems. **Brian Croft**, 4 p.m., 244 Natural Science (Entomology).

Food science forum. **Georg Borgstrom**, 8 a.m., 136 Food Science (Food Science & Human Nutrition).

Nuclear collective properties, featuring Miss Liquid Drop. **Akito Arima**, Physics Dept., SUNY, Stony Brook, 4:10 p.m., 118 Physics-Astronomy (Physics).

Transformation of normal animal cells. **Charles B. Huggins**, Ben May Inst. for Cancer Research, U. of Chicago. 4 p.m., 109 Anthony Hall (Physiology & College of Human Medicine).

The dairy industry. **Elton Smith**, President of Michigan Farm Bureau. 3 p.m., 131 Anthony Hall (Poultry Science).

TUESDAY, OCTOBER 12, 1971

Endogenous and exogenous factors affecting flowering and fruiting of citrus. **Raphael Goren**, 4 p.m., 206 Horticulture (Horticulture).

Challenges in mathematics education for the 70s. **Eugene P. Smith**, Wayne State U. 4 p.m., 304A Wells Hall (Mathematics Education).

Avian tumor virus antigens. **Erwin Fleissner**, Sloan Kettering Inst. for Cancer Research. 4:10 p.m., 146 Giltner Hall (Microbiology & Public Health).

Host defense mechanisms in the regressing tumors treated with platinum compounds. **Philip B. Conran**, 4:10 p.m., 346 Giltner (Pathology).

On optimal stochastic approximation procedures. **Sami Abdelhamid**, 4:10 p.m., 405A Wells Hall (Statistics & Probability).

TALK ON POETS

R.K. Meiners, professor of English, will speak on "The Way Out: Human Consciousness and Modern Poetry" at 8 p.m. Tuesday, Oct. 19, in the Union Green Room. In his talk he will be particularly concerned with five American poets, Theodore Roethke, Randall Jarrell, Delmore Schwartz, John Berryman and Robert Lowell. The lecture is sponsored by the Dept. of English and is open to the public.

ICE ARENA HOURS

The Ice Arena will hold open skating hours 3:30 p.m.-5 p.m. Saturday and Sunday and 8:30 p.m.-10 p.m. Wednesday through Saturday until Dec. 21. Admission is \$1 for adults; 75 cents for faculty and staff and children under 16 years of age. Skate rental is 50 cents. The University Skating Club will be meeting Sundays 1:15-2:45 p.m. Application forms for the club are available at the Ice Arena office. Group instruction has begun for toddlers, children and adults. For more information, call 5-2380.

Campus Plantings

For the next several weeks a bountiful crop of orange Firethorn fruits will brighten the southwest corner of Shaw Hall.

Beal Garden

Of interest are the Harlequin Glory bower and the Japanese Beautyberry which add a touch of Oriental elegance to the Verbena bed.

Horticulture Gardens

Fall mums and the autumn crocus are in full bloom.

WEDNESDAY, OCTOBER 13, 1971

Nutritional status of young children. **Nancy Beyer**, 12:30 p.m., 102 Human Ecology (Food Science & Human Nutrition).

Fingerprints in mental retardation. **Herman Slatis**, 4 p.m., 106 Plant Biology (Genetics).

Quark models. **Ramesh Chand**, Inst. of Mathematical Sciences, Madras, India, 4:10 p.m., 221 Physics-Astronomy (Physics).

Experimental renal hypertension: what causes the blood pressure elevation? **Sibley Hoobler**, Dept. of Internal Medicine, U. of Michigan, 4 p.m., 335 Giltner Hall (Physiology).

THURSDAY, OCTOBER 14, 1971

Welfare economics—power and property. **Warren Samuels**, 3:30 p.m., 16 Agriculture Hall (Agricultural Economics).

Origin of mRNA in mammalian cells. **James E. Dornell**, Dept. of Biological Sciences, Columbia U. 4 p.m., 101 Biochemistry (Biochemistry).

Esr and structure of methylene. **Edel Wasserman**, Bell Labs, Rutgers U. 4 p.m., 136 Chemistry (Chemistry).

Early references to agronomic science. **Dale D. Harpstead**, 4 p.m., 109 S. Kedzie (Great Agronomists Series).

Convexity and compactness in some linear metric spaces. **J. Shapiro**, 4:10 p.m., A304 Wells Hall (Mathematics).

Effect of antiarrhythmic agents on the actions of ouabain in the isolated perfused guinea pig heart. **Steven Baskin**, 4 p.m. 449B, Life Sciences I (Pharmacology).

Structure of amorphous semiconductors. **S.C. Moss**, Energy Conversion Devices, Inc. 4:10 p.m., 221 Physics-Astronomy (Physics).

FRIDAY, OCTOBER 15, 1971

Nitrosamines—present in foods. **Jim Marshall**; Utilization of whey. **Clem Kuehler**, 4:10 p.m., 110 Anthony Hall (Food Science & Human Nutrition).

Mexican mammalogy—1971. **Rollin H. Baker**, 3 p.m., 204 Natural Science (Zoology).

Information on MSU events may be submitted, for possible inclusion in the bulletins, to Sue Smith, Dept. of Information Services, 109 Agriculture Hall, (517) 353-8819. Deadline for submitting information is noon Tuesday preceding the Thursday publication. The calendar of events will cover an 8-day period, Friday through Saturday.

Friday, October 8, 1971

- 2 p.m. Special Lecture—Charles Evers, brother of slain civil rights leader Medgar Evers, will speak. Sponsored by the Center for Urban Affairs, Colleges of Social Science and Arts and Letters and James Madison College. Auditorium.
- 6 p.m. University Club gourmet dinner.
- 8 p.m. ASMSU Pop Entertainment—Folk singer James Taylor, described by Time magazine as a "major musical poet," will appear in concert. Jenison Field House.
- 8 p.m. Planetarium Program—"Astrology and the Zodiac" relates scientific aspects of the ancient art of astrology and the 12 constellations of the Zodiac. Admission is \$1 for adults; 75 cents for MSU students and 50 cents for children 5-12. Abrams.

Saturday, October 9, 1971

- 10:30 a.m. University Club pre-game luncheon.
- 1:50 p.m. Football—MSU vs. U-M. Spartan Stadium.
- 5:30 p.m. University Club post-game buffet.
- 8 p.m. World Travel Series—"Central America's Wonderlands" will be narrated by Gene Wiancko. Auditorium.
- 8 p.m. Planetarium Program (see Oct. 8). Abrams.

Sunday, October 10, 1971

- 4 p.m. Planetarium Program (see Oct. 8). Abrams.

Monday, October 11, 1971

- 4:10 p.m. Honors College Lecture Series—Stephen Toulmin will talk on "Science and Political Decision." Room A Snyder Hall

Tuesday, October 12, 1971

- noon University Club Luncheon—Guest speaker will be Kenneth Beachler, director of the Lecture-Concert Series.

Wednesday, October 13, 1971

- 8:15 p.m. Performing Arts Company (PAC)—The company, joined by six undergraduates, will open the season with Shakespeare's "Twelfth Night," a comedy involving love, self-indulgence, sex and mistaken identity in the atmosphere of a hapless touring company. Tickets available at the door. Fairchild Theatre.

Thursday, October 14, 1971

- 1:30 p.m. Public Hearing on cross-campus highway. Big Ten Room, Kellogg Center.
- 8:15 p.m. Concert—The Symphonic Wind Ensemble, 50 of MSU's finest instrumental musicians, will perform the works of late 18th and 19th century composers. No admission charge. Music Auditorium.
- 8:15 p.m. PAC (see Oct. 13). Fairchild.

Friday, October 15, 1971

- 10 a.m. Board of Trustees monthly meeting. Board Rm. Hannah Administration Bldg.
- 7:30 p.m. University Club Roaring 20s Party.
- 8 p.m. Planetarium Program (see Oct. 8). Abrams.
- 8:15 p.m. PAC (see Oct. 13). Fairchild.

Saturday, October 16, 1971

- 2:30 p.m. Planetarium Program (see Oct. 8). Abrams.
- 8 p.m. Planetarium Program (see Oct. 8). Abrams.
- 8:15 p.m. PAC (see Oct. 13). Fairchild.

BULLETINS

L-C TICKETS AVAILABLE Tickets to fall term attractions in the Lecture-Concert Series are now available at the Union Ticket Office. Hours are 8:15 a.m.-4:30 p.m. Season tickets for the new Chamber Music Series will also be available until Friday, Oct. 15.

U. CLUB PARTY The University Club will become a speakeasy Friday, Oct. 15, for a "Roaring 20s" party. Members will dance to the music of The Spartan Four and entertainment will be provided by Maury Crane and His Geriatric Six. Reservations are required.

MID-TERM GRADES Assistant deans wishing to receive mid-term grades for any of their students should submit their requests to the Office of the Registrar, 150 Hannah Administration Bldg., by Tuesday, Oct. 12. Each request must include an alphabetical listing of the students' names and student numbers. For more information, call 5-9596.

FAMILY SWIM SUNDAYS A weekly family swim is scheduled at the Women's IM pool 5-7:50 p.m. Sundays for students, faculty and staff and their children. Children must be 54" tall or able to swim two widths of the upper pool (approximately 25 yards). Parents are requested to pick up additional information from the IM office.

CONSULTING SERVICE A graduate student in statistics and probability has been appointed to an assistantship to provide statistical consulting help, particularly to those using the 3600 or 6500 computers for statistical analyses. For scheduled hours, call the Computer Center office, 5-4684.

AUFS LECTURER HERE Albert Ravenholt, member of the American Universities Field Staff, will be on campus Oct. 25-Nov. 6, and is available for preliminary scheduling for courses and seminars. Although a generalist on East Asian and Southeast Asian affairs, Ravenholt is also a specialist on Asian tropical agriculture. He has written for numerous magazines and has made contributions to the Encyclopaedia Britannica Book of the Year and the World Book Yearbook. For more information, call Charles Gliozzo, 3-5342.

PAC OPENS WEDNESDAY The Fairchild boxoffice is now open noon to 5 p.m. for the Performing Arts Company's first production of the season, "Twelfth Night." Shakespeare's comedy, a mixture of disguises, intrigue, mistaken identity and romantic love, will be aptly performed by 10 members of the PAC cast and six undergraduates in theatre. Performances will be held at 8:15 p.m. Oct. 13-17. For information or reservations, call 5-0148.

DATA ANALYSIS CLASSES The Computer Laboratory will offer a three-week series of noncredit classes in the use of the STAT system for analyzing research data on the CDC 6500 computer. No prior computer experience is required. The sessions will cover data preparation, basic statistics, least squares analysis, analysis of variance, data transformations, and remote terminal use. Classes will be held 4-5 p.m. Mondays and Wednesdays in 313 Computer Center beginning Monday, Oct. 11. A more detailed schedule may be obtained from the STAT consultants, 212B Computer Center, 3-5231.

STUDIES GROUP MEETS The Tropical Studies Group will meet at noon Wednesday, Oct. 13, in Parlor C of the Crossroads Cafeteria for lunch. A lecture will follow in Room 106, International Programs. Lynn S. Robertson will speak on "Taiwan—Soil and Land Use."

RETIREES BEGIN YEAR The Retirees Club will meet at 2:15 p.m. Tuesday, Oct. 12, in the Club Room of the Union. Ronald Nelson, chairman of the Dept. of Animal Husbandry, will speak on "Establishing a Land-Grant Type of University in Argentina." All male retirees are welcome.

WORK-STUDY PROGRAM Employers of Work-Study students are reminded of the following: (1) All students must present you with a "Work Study Assignment Notification and Acknowledgement" before they begin working. It is imperative that the green copy of the notification be completed and returned to the Work-Study Office before any reimbursement can be made. (2) New or different account numbers from which students are paid must be submitted to Work-Study in writing at least one pay period in advance. (3) Employers should use regular student time cards for payroll purposes. The old "green striped" cards are no longer necessary.