

# MSU News-Bulletin

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Michigan State University

NOVEMBER 2, 1972

## Benefits open enrollment to begin Monday

The annual faculty and staff open enrollment for insurance benefits will be conducted by the Staff Benefits Division beginning next Monday (Nov. 6) and continuing through Nov. 17.

Brochures detailing the benefits went out this week to all employees.

Two major benefits are featured:

1. For the first time, effective Jan. 1, 1973, the University will provide all regular full-time employees (both salaried and hourly) with a fully paid Long-Term Disability program. Previously, salaried staff could enroll and pay for this coverage on an optional basis. All other employees were eligible for a disability pension only after they had been here for 15 or more years. The new program provides continued monthly earnings in case of disability, and it insures that no eligible employee will be without a retirement income should a disabling injury occur.

Briefly, the program provides:

\* Disabled persons would receive a monthly income, including Social Security benefits, equalling 60 percent of the first \$1,000 of monthly income, plus 40 percent of the excess over \$1,000. This monthly rate would continue until age 65.

\* It will pay both the individual's and the University's contribution to TIAA-CREF until the insured reaches age 65, at which time the insured starts drawing retirement annuity.

\* It includes a cost-of-living rider and a guaranteed \$50 a month income benefit.

All regular full-time employees on the payroll and at work as of Dec. 31 will be covered automatically by this plan as of Jan. 1, 1973. No enrollment is required.

2. Part-time employees (50 percent or more) who have five years' continuous service will be eligible for up to \$12.50 a month in University contribution toward hospitalization insurance. They will also be eligible (effective Jan. 1) to participate optionally in TIAA-CREF.

Gary J. Posner, director of employee compensation and benefits, has urged all employees to examine their benefits programs. Changes may be advisable, he said, especially for those who have changed their number of dependents.

Employees can enroll or adjust their benefits programs any time between 8 a.m. and 5 p.m. Nov. 6 - Nov. 17 at the Staff Benefits Division, 344 Administration Building.

In addition, enrollment centers will be set up at the following locations from 3 to 4:30 p.m. on the dates indicated:

Thursday, Nov. 9, Room 102, Kellogg Center; Friday, Nov. 10, Physical Plant Lunchroom; Monday, Nov. 13, Captain's Room, Union Building; Tuesday, Nov. 14, Room W-46, McDonel Hall.

## Fewer A-P titles likely as result of Hayes study

Salaries for administrative-professional employees won't be much different when the campus A-P study is completed in January.

Additionally, a reduction of A-P classification titles can be expected.

According to Timothy Reilley, these will be some of the recommendations following the six-month study by the consulting firm of Robert H. Hayes and Associates, Inc., of Chicago. Reilley is the firm's on-site director.

"There will be no salary cuts," he says, "but some positions will be classified higher and some will be classified lower."

Reilley explains that when a position is classified lower it is "red circled."

"This means that although the salaries aren't cut, salary increases for the position won't be made until similar positions in the classification move up to the same level as the red-circled position," he says.

In the area of classification titles, the study team is ranking like positions with similar responsibilities under one title. "The current 560 to 600 classification titles have been condensed to approximately 350," Reilley says.

The study team is classifying the University's 643 A-P personnel.

Additionally, the study team is currently reviewing approximately 300 clerical-technical positions 9 through 12 and approximately 120 labor payroll positions under federal guidelines for executive, professional and administrative classifications.

"We plan to complete this review by Nov. 10," he says, "and determine if staff in these two areas should be moved over to A-P classifications."

The study team also has completed a salary point-count system. This system, which will be used in ranking positions in classifications, is currently awaiting approval from the classification coordinating committee.

The basic factors used to establish the point count system are qualifications necessary for the position;

job content; and the impact of the job on the University's areas of research, education or services.

This point-count system will be used by the five University committees to classify positions under their jurisdiction.



The Farm Lane Bridge

Photo by Dick Wesley.

### Inside . . .

- . . . Defining death, page 2
- . . . Demobilizing an army, page 5
- . . . Defeating pests, page 6



## Science notes

## The crucial problem of defining death

Death can be made, at least for some, more comfortable and useful, says a Harvard University physician.

Do people have the right to a comfortable death?

Henry Beecher, described as "one of the great medical ethicists," answered: "The prolonged death watch is too often unnecessary, costly and wasteful."

Beecher, at a recent MSU conference on "Forensic Medicine and the Quality of Life," called for more leadership from physicians at the scenes of death.

Beecher began with the assumption that "there may be a time when it is appropriate to die."

"When is that moment?" he asked. "What are its criteria?"

As the end approaches there is less and less life in the individual, Beecher said, and there is eventually a quantitative factor — "a sort of death by inches."

Consciousness of the brain may be destroyed months before the rest of the body succumbs Beecher said. The moment of death can only be approximated.

Meanwhile, besides the misery of the death watch, \$30,000 to \$40,000 per year may be required to maintain a living body, though the brain may be virtually dead, said Beecher. For every two weeks a patient is kept alive by

extraordinary means, 26 other patients could be using the hospital bed. Even treatment for cancer patients may be delayed. Lives may be needlessly lost.

\* \* \*

What it boils down to is that "money is human life," said Beecher, "and so is the hospital bed."

These situations of slow and certain death pose a serious problem for hospitals, he said.

"Inevitably with more and more bold, adventuresome and commendable attempts to rescue the dying, more and more individuals have accumulated in the hospitals of the land, individuals who can be maintained 'alive' only by extraordinary means. Individuals for whom there is no hope of recovery, let alone recovery to a comfortable, pleasureable existence, and all this at a cost of not less than \$30,000 a year."

What are the doctor's privileges and responsibilities?

"With the developments in recent years," said Beecher, "there has been an extraordinary increase in the power of the doctor, and with this increase new and unexpected dilemmas in moral choice emerge. They require decision and action."

While medical-technical decisions become easier, moral problems become increasingly more difficult, Beecher told lawyers and physicians at the Kellogg Center conference.

Is it morally right to use the tissues and organs of hopelessly unconscious patients?

"A strong case can be made that society can ill afford to discard the organs of hopelessly unconscious individuals," said Beecher. "The old definition of heart death is simply no longer adequate for all cases."

"There is indeed a life saving potential to the new definition. For when accepted, it will lead to greater availability than formerly of essential organs in viable condition for transplantation. And thus, countless lives now inevitably lost will be saved."

He added: "With the new definition of death, death of the brain is very easy to diagnose:

"First, there must be deep unconsciousness with no response to external stimuli or internal need.

"Second, there must be no muscular movement or breathing, except artificially maintained.

"Third, there must be no reflexes except occasional spinal reflexes (which, of course, do not pass through the brain)."

Some doctors say that a flat electroencephalogram (a flat brain wave) is an indication of death. "We don't think it's enough by itself," said Beecher.

"It is recommended that when the brain is demonstrably dead," said Beecher "and there is no hope of recovery of consciousness, two physicians — one of whom is a neurosurgeon or a neurologist — inform the family that death has occurred and that the respirator is to be turned off.

"I think it's pointless and needlessly cold to ask the family to make this decision. The family should be informed of what you propose to do and having told them, then they can object if they care to do so.

"Only then, after these things have been done, should the transplant team enter the situation. Artificial respiration can be continued almost indefinitely in many cases, thus the body can be oxygenated and carbon dioxide removed so that the other organs remain in good condition, as long as the heart continues to beat."

The freedom to choose brain death is a very great gain, while it makes no difference to the dead man, said Beecher.

"The new definition of death has been widely accepted by physicians, so far as I can determine, but often not by philosophers or theologians. These gentlemen are wary of the presumed consequences of the new definition. They state their opinion. Lawyers sometime seem to hold that nothing shall ever be done for the first time."

PHILLIP E. MILLER

## Wharton applauds vote; vows further 'good faith'

The following statement was issued by President Clifton R. Wharton, Jr. following the faculty collective bargaining election Oct. 23 and 24 in which the faculty voted decisively for "no agent."

Michigan State University faculty members have decisively rejected collective bargaining as a means of regulating their professional lives. I see in the vote an expression of confidence in the efforts of many individuals to build a workable system of academic governance at this University.

The vote demonstrates an appreciation that a well-developed faculty role in managing significant aspects of the University's operations is essential to maintaining the institution's vitality, sense of direction and high intellectual caliber.

However, I do not view the results as a vote for complacency or the status quo. Rather, it is a message to the administration and concerned faculty members to continue to work in good faith to strengthen and improve our governance system. And the fact that some 718 faculty members voted for unionization carries a message as well. It emphasizes that we do have unresolved problems.

One of these — faculty salaries — will continue to receive close attention in the months ahead. This remains a high priority on my agenda, as it has since I came to MSU. For the first time, we are exchanging salary information at the department level with our sister institutions in the Big Ten. With comparative information such as this, we hope that the Michigan Legislature will show its willingness to help alleviate inequities and to significantly improve salary levels in keeping with the high quality of our faculty.

We are pleased that the outcome of the election was so clear cut. As we remain mindful of our responsibilities to faculty, staff and students, we believe that results will produce a stronger and more effective Michigan State University.



## Others have bargaining votes; three still face run-off elections

MSU is one of six institutions in the country whose faculties held collective bargaining elections in the last several weeks. Three of those institutions face run-off elections in the future, one voted to be represented by the American Association of University Professors, and one besides MSU rejected unionization.

\* University of Hawaii faculty

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members will vote in a run-off between the AAUP and the American Federation of Teachers (AFL-CIO) in mid-November. The AAUP led in the first round, 560 votes to 552 for the AFT. Two other bargaining agents and a "no agent" option were eliminated in that round.

\* Temple University will also have a run-off, but 74 challenged ballots will determine which units will vie in that election. The contending units are the AAUP, AFT, and NEA.

\* Eleven challenged ballots at Ferris State College will determine whether the AAUP or NEA vie with "no agent" in an upcoming run-off.

\* The AAUP won the right to represent the faculty at Lincoln University in Pennsylvania. The vote was 78 for the AAUP and six for "no agent."

\* Baldwin-Wallace College, like MSU, voted not to be represented.

## Letters

## MSU-FA: The 'loyal opposition'

To the Editor:

The MSU-Faculty Associates are disappointed, but not completely surprised, by the results of the faculty bargaining election. We have been aware that numbers of the faculty and academic staff have serious concerns about University policies affecting them, and that they desire to move toward needed corrections in those policies. At the same time, they are wary of collective bargaining as an instrument. We regret that we were unable sufficiently to dispel those fears, and we continue to believe that collective bargaining represents a sound, reasonable and professional approach toward strengthening the University as a whole, not merely the faculty.

We will support, during the coming year, efforts to strengthen the present academic governance structure. At the same time we intend to remain vocal

advocates of the interests of the considerable minority of faculty members who voted in favor of collective bargaining — almost 40 per cent of the electorate.

We intend to act, in the meantime, in the role of constructive commentators and critics of policies and proposals affecting the welfare of the faculty bargaining unit.

We sincerely hope that the administration and the Academic Council will be successful in redeeming their promises to the faculty members who by their votes, placed their trust in them. Those of us who voted for collective bargaining will continue, as the loyal opposition, to monitor their performance.

Mary E. Tomkins  
Assistant professor, ATL  
President-elect, MSU-FA



# Around the campus: A summary

## Overseas teaching a success

The international reputation of MSU and its student teaching coordinators have been credited with the success of the University's overseas student teaching program.

Now in its fourth year, the program places student teachers in American schools in England, Rome and the Netherlands.

W. Henry Kennedy, director of student teaching, stresses that each group of 20 to 25 students is accompanied by a faculty coordinator from one of MSU's student teaching offices around the state.

The faculty member serves as coordinator of the program, and works with the school administration and teaching staff in planning and providing an individualized program of experiences for each student teacher, Kennedy explains.

In addition, the coordinator often conducts inservice training for the teachers in the overseas schools.

MSU started its program, Kennedy says, "because we felt we owed something to the schools and their students in the overseas schools. They don't have an institution over there like MSU for resources."

Kennedy also attributed success of the program to the commitment which the University has made in many areas of international programs. Because of its good reputation, it has attracted some of the top people in the country to its staff, he says.

Each term a group of MSU students and a coordinator attend one of three schools: The American School of the International Schools of The Hague, the Overseas School of Rome or the American Overseas Department of Defense Schools in Lakenheath, England.

MSU carefully screens the 70 to 120 students who apply each term for the program. The project coordinator is interested in their academic and cultural backgrounds, their interest in gaining living experiences in a second culture, and personality traits such as flexibility and stability.

"We need people who can adjust," says Bradley B. West, assistant director of student teaching, "because you're pretty far from campus."

Prior to their overseas experience, all MSU student teachers are required to spend approximately two weeks at the beginning of the term in a Michigan public school.

"One thing we're kind of proud of is that the program is self-supporting," West says. The students pay their own air fare and housing expenses, and the supervising professor works just as if he were at his Michigan coordinating center.

Studies at MSU show that students who have taught overseas have a broader outlook about different cultures, and that they are more flexible and open minded.

## Photos, watercolors on display

Two exhibits — watercolors from a Detroit collection and color photographs by MSU's Robert Alexander — are on display at the Kresge Art Center Gallery. The exhibit continues until Nov. 12.

The 26 watercolors have been selected from the collection of the Detroit Institute of Arts in order to demonstrate some of the possibilities of the water color medium, according to Paul Love, gallery director. The works represent the experimentalist and the traditionalist from the late 19th century to the present.

Alexander, professor of art, will show a group of 50 photographs, most of which were taken as part of an all-university research grant on "Environmental Format."

As a designer, he has worked in many areas of industrial, graphic and environmental design. He is an active member of the Industrial Designers Society of America and the Society of Architectural Historians. His drawings, paintings and photographs have been exhibited nationally.

Love, said that he organized the watercolor show because of requests from art students who wanted to see works by some of the important watercolor artists. He selected most of the works from the collection of the Detroit Institute of Arts.

"It's cheaper — especially for students — to work with watercolors," which, Love says, explains the popularity of the medium. "You can also do a lot of quick sketches this way."



ROBERT ALEXANDER

"The students," he says, "are encouraged that a lot of great artists work with watercolors."

New hours for the gallery are from 9 a.m. to 5 p.m. Monday through Friday, Tuesday 7 to 9 p.m., and 1 to 4 p.m. Saturday and Sunday. Previously, the gallery closed at noon.

## Cohen to speak at convocation

Former secretary of health, education and welfare Dr. Wilbur J. Cohen, will be the featured speaker at the second annual convocation of the College of Osteopathic Medicine.

The convocation, welcoming an entering class of 64 students, will be held at 2 p.m. Friday (Nov. 3) in the Erickson Hall Kiva.

The class is the second to be admitted to the MSU campus and the fourth since the college opened its doors in 1969 as a privately chartered college in Pontiac.

Cohen, who is now dean of education at the University of Michigan, was a major figure in the Kennedy and Johnson administrations and is identified with Medicare and a number of federal programs in support of education.

Another feature of the convocation will be the presentation of the second annual Walter F. Patenge Medals of Public Service. The awards are sponsored by the Michigan Osteopathic Medicine Advisory Board and named for its chairman.

Recipients will be Cohen; Raymond D. Dzendzel, former minority and majority leader in the State Senate and a sponsor of the bill that established the college; Edwin L. Novak, Flint optometrist and chairman of the State Board of Education; Hobert C. Moore, Bay City osteopathic physician and a former president of the American Osteopathic Association; and Morris M. Thompson, president of Kirksville College of Osteopathic Medicine for the past 25 years.

## EPC recommendation approved

The Academic Council approved the educational policies committee's (EPC) recommendation to modify the credit by examination policy.

The modification eliminates the present policy of not charging fees for failing grades or reporting failing grades under credit by examination.

Lester V. Manderscheid, professor of agricultural economics and chairman of the EPC, defended the recommendation and said the committee's intent was to keep credit by examination parallel with regular courses.

The approved policy states:

\* The credit by examination option should be made widely available in the manner set forth in the Academic Handbook. The option should be offered at least as often as the corresponding course or once a year, whichever is more frequent.

\* Units should except from this option only those courses in which class attendance and participation are an integral part of the instructional method.

\* At the beginning of the term, departments and/or designated instructors will provide students who elect this option with a written statement of the materials and skills the student must master, and the manner in which the student will demonstrate proficiency.

\* Implementation of this policy in the responsibility of department chairmen, deans, and the administrative provost for undergraduate education.

The Council approved another EPC report on its review of the credit-no credit (CR - NC) grade option for general education courses.

Formal action on the grade option will await a report on criteria for general education courses by an ad hoc committee and an EPC report on the current grading system. Both reports are expected to be completed by the end of fall term.

## Artists' work reflects the times

Creative work of American writers and painters active in 1920s into the 1960s show that the artists were affected by technology, and that more often than not the influence resulted in violence in the arts.

Jeremy Mattson, assistant professor of American thought and language, underscored the ties between technology and the arts in a paper presented at the recent annual meeting of the Association for General and Liberal Studies.

Mattson discussed the writing of Ernest Hemingway, Nathaniel West, and Joseph Heller; and the art of Charles Dumuth, Stuart Davis, and Jackson Pollack.

Dumuth was an exception, Mattson said, for a while his paintings showed products of technology like buildings, a serene order is predominant. The painters Davis and Pollack reflect a violence in their abstractions which is nondestructive but still potentially explosive.

"Hemingway, West and Heller are all writers that deal directly with violence as subject matter," he said. "Hemingway seems at first to have an answer in the devotion to the simple, creative act, but this may not be sufficient in the end. The hero of West's 'Miss Lonelyhearts' calls himself a humanity lover, but is frustrated and dies a violent death. The hero of Heller's 'Catch 22' is repeatedly blocked in his attempts to impose reason and humaneness upon a mad and violent world."

Discussing the creations and personal lives of the artists and writings, Mattson said Dumuth's life was possibly a reflection of the violence that characterized so much of the art of the century.

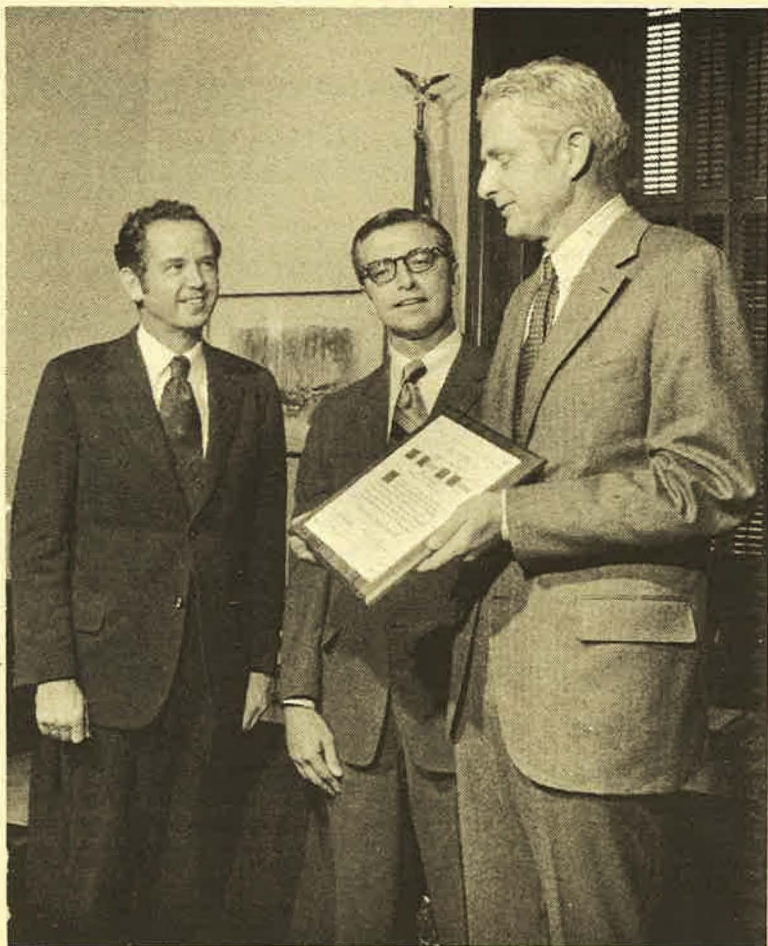
"Hemingway portrays the violence of war, and the violence of human relationships," he said. "For West, violence is a refrain that keeps returning because no other action is effective, no other action communicates. Heller's 'Catch-22' portrays the meaningless violence of war."

"Contained potential explosion is the theme of Davis' paintings, and Pollock's paintings are violent in their very execution."

—FRAN MURRAY



# Peace Corps, Vista Week proclaimed



Peace Corps, state and University officials present at the signing of the Peace Corps and Vista Week proclamation included (from left) Gov. William G. Milliken; Tom Bigelow, regional Peace Corps - Vista director; and Robert Perrin, MSU vice president for university relations.

The week of Oct. 30 through Nov. 5 has been declared Peace Corps and Vista Week in a joint proclamation issued Tuesday, Oct. 31 by Governor William G. Milliken and MSU President Clifton R. Wharton, Jr.

Wharton, who is hospitalized with a leg injury, was represented at the ceremonies by Robert Perrin, vice president for university relations.

The proclamation urged "all citizens to give appropriate recognition and tribute to those Michigan citizens from our state's communities and universities who have served so actively and well in Peace Corps and Vista programs."

Among the country's universities, MSU had the largest number of Peace Corps applicants during the past year, and has supplied 710 volunteers since the agency's inception. One hundred former MSU students are currently active volunteers abroad.

MSU has also played an important part in Peace Corps programs by developing a special agricultural internship helping to train students for projects in the Philippines.

MSU was third in Vista applications among the nation's colleges and universities this year, supplying 369 volunteers since 1964.

Statewide, 1,841 Michigan residents have served in the Peace Corps in 57 overseas countries, with 51 active volunteers from the state using their skills in agriculture, business, education, the skilled trades and health fields.

Since Vista's inception, 1,806 Michigan residents have spent one year working with urban and rural poor, on Indian reservations, and with migrant workers in the program. Currently 38 Vista volunteers are working within Michigan.

## 1971-72 is another year marked by financial austerity

In another year marked by economic austerity, Michigan State managed to: Lay the groundwork for a new College of Urban Development; hold its place as the No. 1 choice of Merit Scholars; and help some 90 per cent of its graduates find immediate employment in an economy suddenly gone sour for college graduates.

These are among accomplishments cited in the University's 1971-72 Financial Report issued this week.

The report shows that MSU spent some \$182.4 million in operating funds last year, more than half of it (\$98.5 million) in the general University operation budget. Total revenues came to \$184.6 million.

More than \$59 million of the general University operating funds went for general instruction and educational services.

In 1970-71, MSU spent almost \$175 million, \$92.8 million of it in general University expenses.

AMONG OTHER ITEMS in the 110-page report are:

\*The University's endowment fund balance grew to \$11.3 million, about \$440,000 over the balance at the end of the previous fiscal year.

\* The value of MSU's land, buildings and equipment is more than \$372 million, some \$6.5 million higher than a year ago.

\* The University contributed \$4.5 million to the TIAA-CREF retirement plan, and about \$2.2 million to the MSU noncontributory plan.

\* Of 13 colleges (excluding the three residential colleges), the highest expenditures went for natural science (\$8 million), arts and letters (\$5.4

million), and social science (\$5 million).

\* The athletic department had revenues of just over \$2 million (including \$1.1 million from football) but finished the fiscal year with a slight deficit (\$16,000).

\* The cost of operation and maintenance of the campus lands and buildings came to \$11.9 million.

\*Faculty and staff parking fees brought in \$153,787; the campus bus service received \$472,606.

THE REPORT CITES last year as one in which the University had to anticipate financial crisis and learn to live with it. But it adds that "the spectre of continuing austerity did not deter MSU from seeking ways to broaden its base as an educational resource for the people of Michigan."

And it points to some issues that remained unresolved as the year ended: The full implication of the "age of majority law" has not yet become clear (and which could affect some \$4.5 million a year in out-of-state tuition receipts); the difficulty of playing the "guessing game" of anticipating state appropriations; and the cost of maintaining and improving the physical plant.

"By anticipating crisis, MSU has survived it," the report concludes. "but there remains a serious question of how long the University can juggle priorities, put off needed improvements, and delay the implementation of certain academic and service programs without seeing its basic mission impeded; there is only so long that the University can vigorously pursue excellence without the confidence that its programs will not stagnate for lack of support."

## Senate meeting cancelled

The Academic Senate meeting scheduled for Nov. 8 has been postponed until winter term.

The steering committee made the decision Monday because of the lack of urgent business requiring Senate action.

James Bonnen, professor of agricultural economics and chairman of the committee, said the postponement would be most advantageous and desirable "because it is very probable that several matters requiring expeditious Senate action will be coming through the Academic Council during winter term."

Among the possible action items is the proposed bylaw change to create an Elected Student Council.

## Enrollment dips slightly

Enrollment has dropped slightly this fall, according to a report from the registrar's office.

This term's on-campus enrollment reached 41,378, down less than 1 per cent from last year's total of 41,649. Of MSU's 15 degree-granting colleges, enrollment dropped in eight - most notably in arts and letters, education, and social science. The largest gains, percentage-wise, were reported for the three medical colleges.

Here is a breakdown of the totals of on-campus enrollment:

STUDENTS ENROLLED IN CREDIT PROGRAMS<sup>1</sup>  
East Lansing Campus

Fall 1972

COLLEGE	TOTAL			UNDERGRADUATE			GRADUATE		
	1972	1971	Change	1972	1971	Change	1972	1971	Change
Agr. & Nat. Resources	3256	3017	7.9%	2461	2229	10.4%	795	788	.9%
Arts & Letters	3814	4227	-9.8	3071	3487	-11.9	743	740	.4
Lyman Briggs	854	819	4.3	854	819	4.3			
Business	3797	3662	3.7	3004	2800	7.3	793	862	-8.0
Communication Arts	1851	1833	1.0	1618	1589	1.8	233	244	-4.5
Education	5541	6123	-9.5	3290	3805	-13.5	2251	2318	-2.9
Engineering	2047	2194	-6.7	1753	1904	-7.9	294	290	1.4
Human Ecology	1976	1731	14.2	1757	1533	14.6	219	198	10.6
Human Medicine	772	568	35.9	462	328	40.9	310	240	29.2
James Madison	541	563	-3.9	541	563	-3.9			
Justin Morrill	797	805	-1.0	797	805	-1.0			
Natural Science	4892	4904	-.2	3980	3916	1.6	912	988	-7.7
Osteopathic Medicine	150	79	89.9				150	79	89.9
Social Science	6235	6761	-7.8	5319	5814	-9.5	916	947	-3.3
Veterinary Medicine	1010	844	19.7	662	505	31.1	348	339	2.7
No Preference	3712	3420	8.5	3712	3420	8.5			
Unclassified	133	99	34.3	133	99	34.3			
SOURCE									
New-first-time	8440	9022	-6.5	6892	7251	-5.0	1548	1771	-12.6
-transfer	3124	3065	1.9	2902	2938	-1.2	222	127	74.8
Total	11564	12087	-4.3	9794	10189	-3.9	1770	1898	-6.7
Readmitted	1930	1667	15.8	1270	1167	8.8	660	500	32.0
Returning	27884	27895		22350	22260	.4	5534	5635	-1.8
SEX									
Women	18005	17811	1.1	15511	15458	.3	2488	2353	5.7
Men	23373	23838	-2.0	17897	18158	-1.4	5476	5680	-3.6
MARITAL STATUS									
Married	8363	8783	-4.8	3855	3982	-3.2	4508	4801	-6.1
Single	33015	32866	.5	29559	29634	-.3	3456	3232	6.9
TOTAL CAMPUS	41378	41649	-.7	33414	33616	-.6	7964	8033	-.9
ADDITIONAL DATA									
Married									
Women	2705	2768	-2.3	1511	1587	-4.8	1194	1181	1.1
Men	5658	6015	-5.9	2344	2395	-2.1	3314	3620	-9.5
University College	13698	13710	-.1						
Honors College (est.)	2222	2287	-2.8						
Evening College									
(non-credit)(est.)	1340	1209	10.8						
Sec. Tchg. Cert. Cand.-Educ.	3065	3697	-17.1						
-other colleges	3116	4056	-23.2						
-total	6181	7753	-20.3						

Note: 1) Students are classified by college, source, sex, marital status, etc.



## Profiles

# Faculty member helps demobilize an army



DAN KRUGER

Photo by Bob Smith

## Cristo Rey has special meaning for faculty

Cristo Rey Community Center, the newest area agency to affiliate with the United Community Chest of Greater Lansing, has special meaning for many MSU faculty and students.

Faculty members in the College of Human Medicine conduct a child health clinic at the center in conjunction with the Ingham County Health Department, and University students volunteer their services at the Northside Athletic and Recreation Club (NARC) based at the facility.

A meeting place for Spanish-speaking families in the Greater Lansing area, Cristo Rey began its association with the United Community Chest in March of this year. It is one of 45 local, state and national agencies supported by the Community Chest, whose current annual drive continues through Nov. 16.

The University goal of \$200,000 is part of an area goal of \$2,173,500.

The community center for residents on the northside of Lansing offers English language classes, legal advice, housing and employment assistance, and social and recreational opportunities.

Four members of the faculty of the College of Human Medicine who are active in the child-health clinic are Saroj Kapur, Thomas B. Scullion, and Margaret and John W. Jones. A number of human medicine, osteopathic medicine and nursing students also get

valuable clinical experience at Cristo Rey.

"Sometimes we find small or more significant illnesses which we can treat at our regular clinics or which may require emergency care or even hospitalization," says Kapur. "Most of the families have no regular family doctor."

She adds that the medical faculty and students obtain experience comparable to that in private practice.

Amy Rohman, a junior majoring in Latin American Studies, is the student coordinator of the NARC program. She explains that the program is involved in a number of activities including field trips to places like Washington, Chicago and Cedar Point in addition to many recreation activities such as team sports, swimming, horseback riding, and trips to area football games.

"In many of the families, both parents have to work, and we can provide opportunities the kids would miss otherwise," she says.



## Chest drive at 36 percent

Contributions made to the United Community Chest by the MSU faculty and staff totaled \$76,742.12, or 38.4 per cent of the campus goal of \$200,000, Tuesday.

"Returns to date have been encouraging," John C. Howell, MSU campaign chairman, said. "However, we

still have a considerable distance to go in the remaining two weeks of the campaign.

"The need for the services of Community Chest agencies are continuous throughout the year, and doing our share to provide these services through contributions is of vital importance."

Connie Geraci found out quickly how it was going to be working as Dan Kruger's secretary. Five minutes after she reported to work last May 5, her first day on the job, she answered her first phone call. It was from an AID official in Nigeria, an S.O.S. of sorts directed at her boss.

Three weeks later Kruger was on a plane for Africa. Somehow, he'd managed to shuffle some of his other commitments, which included serving as Governor Milliken's special adviser on manpower matters, a member of President Wharton's Task Force on Lifelong Education, a trustee of the National Urban League, consultant to the Regional Manpower Administration in Chicago, and associate director of MSU's School of Labor and Industrial Relations Manpower Programs Service, in order to fly off to Africa to help demobilize the Nigerian Army.

For 12 days he toured military camps and hospitals, inspected vocational rehabilitation centers, visited a number of factories and mills, and consulted with AID and Nigerian officials. Then he returned home to outline a plan designed to reduce the size of Nigeria's army, which remains swollen with veterans of that country's recent civil war.

The program he devised is currently being implemented. It involves 18 recommendations to transform soldiers into civilians and at the same time contribute to the economic and social development of the country.

As a condition of release from the army, every veteran must be able to read, write, do arithmetic and drive a car or truck, according to Kruger's scheme. In addition, a number of vocational opportunities ranging from farming to paramedical training are being made available.

In his South Kedzie Hall office, he explains some of the unique features of the Nigerian Army that make demobilization an intricate and potentially thorny undertaking.

"For one thing, military pay is quite a bit higher than for most civilian jobs," he says, "and throwing thousands of men into an economy that can't absorb

them, particularly after you've taught them how to fight, can be a dangerous move."

He said the Nigerian experience is just the reverse of that in the United States; you have to provide some substantial incentives to encourage veterans to leave the army. He recommends the use of a bonus and government subsidization of some civilian occupations to ease this transition.

A large number of the veterans are disabled and would be a continual drain on a developing economy if rehabilitation programs are not successful. He points to one center where veterans are being trained to make artificial limbs, serving to teach them a trade and simultaneously provide the prosthetic devices required by their maimed comrades.

The whole project has been tremendously exciting," he says, "but it has been depressing at times also."

He recalls visiting a hospital for blind veterans.

"Most of them were hurt because they were not familiar with rifles, grenades, land mines and other modern weapons," he says. "They weren't well trained to handle them and the result was a large number of accidents."

"At least a kid growing up in the United States can learn something about such things just from watching television or the movies. It seemed so tragic to me that these 18 and 19-year-old kids were taken out of their villages, put in the army, and this was their first introduction to modern technology."

His Nigerian trip was not Kruger's first experience in applying human resource development practices abroad. He was a Fulbright scholar in Israel and a consultant to the Organization of American States in Honduras.

It was in Israel that he first saw the use of an army, with its educational and vocational training resources, as a constructive social force. He believes the experiences of Israel and now of Nigeria may serve as prototypes for other developing countries.

— MIKE MORRISON

## Books

ADA FINIFTER, associate professor of political science, is editor and coauthor of "Alienation and the Social System" published by John Wiley and Sons.

JOHN M. HUNTER, director of the

Latin American Studies Center, has compiled a biennial synthesis of general economics literature in Latin American Studies for the "Handbook of Latin American Studies," prepared for the Hispanic Foundation in the Library of Congress.

## Both AFSCME unions ratify contracts

Locals 1585 and 999, American Federation of State, County and Municipal Employees, have ratified one-year contracts with the University after almost seven months of negotiation.

Local 1585, composed of general service workers, agreed to a 5 percent pay increase retroactive to July 1, with an additional 1 percent increase effective January 1.

Local 999, bargaining unit for skilled trades workers, accepted a 26 cent per hour pay increase, and agreed to participate in the TIAA - CREF retirement program and the University's long-term disability program.

Both contracts involved an increase in University contributions to medical insurance premiums from 83 to 90 percent, and both included a new vacation plan already in effect for clerical - technical and administrative - professional personnel that reduces the number of years of service required to qualify for the maximum number of vacation days.



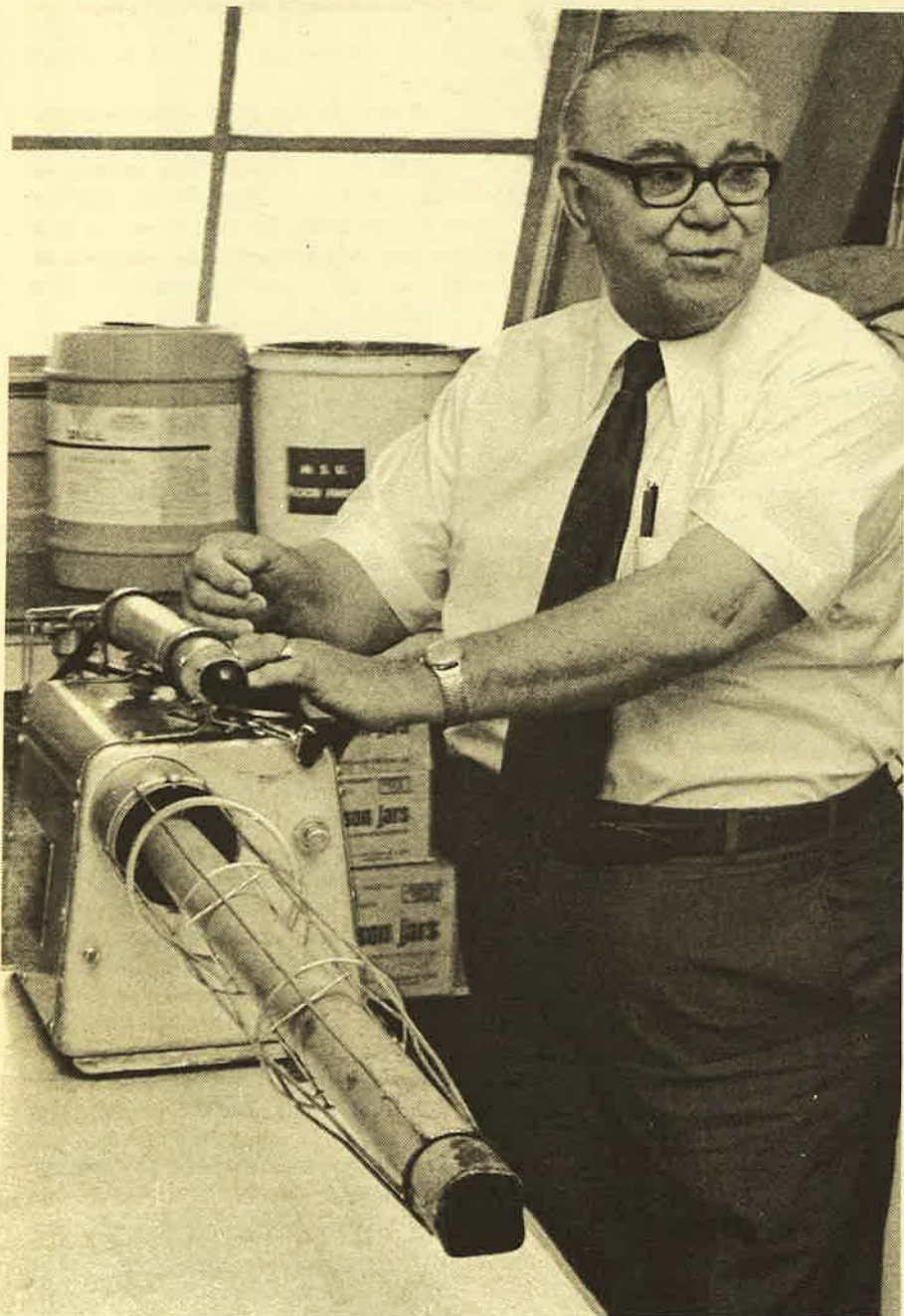
# Pests: They disappear when Hodge is near

One night the residents in the University's Mayo Hall found it impossible to study or sleep. A tree toad was making loud, disturbing noises.

An alarm went out to capture the noisemaker. Six campus police officers, fire department personnel, and William

most unusual adventures he has had during the last 16 years in his position as pest control officer.

Hodge, age 67, retires in January. In addition to his years on the MSU staff, he served the University for 12 years as a private exterminator.



"Jack" Hodge with his insect fog machine.

Photo by Bob Brown

"Jack" Hodge, the University's pest control officer, were called to the scene. But to no avail. For most of the night, the toad evaded capturing hands and nets, and remained perched in a tree. It was decided that the residents would just have to put up with the pest.

Hodge describes this as one of the

"I love this place, and I am going to miss it — especially the young people," he says. "I have watched this place grow in buildings and numbers."

\* \* \*

HODGE AND Eugene Ebright, his assistant of nine years, are responsible

for keeping pests under control. In addition to flies and cockroaches, the office handles bats, raccoons, squirrels and pigeons.

Hodge recalls some unusual problems he has handled. "Once we had to get a boa constrictor out of a wall in a campus building," he says. "It got there because of a student prank." According to Hodge, boa constrictors will come out of hiding with a bowl of milk as bait.

He told of another time when a rooster, "probably from the poultry farm," took his stand on top of a former University building and began to crow.

"It was 4 a.m. and it was up to me to get the thing down," he says.

He accomplished his mission.

Working early hours have been a part of Hodge's job. "We usually do our exterminating during hours when there aren't that many people around," he says. "But the chemicals we use aren't harmful to people, only pests."

\* \* \*

AMONG THE chemicals the department uses is a mixture invented by Hodge. It's a fog spray used against

flies, mosquitoes and roaches. "We use about 1,000 gallons a year of this chemical," he says.

Bats are one of the main pest problems on campus, Hodge says. "The bats have perfect hiding places in older buildings, such as Morrill Hall, where the fireplaces have been boarded up and covered to update the building."

Hodge, a native of Dover, England, entered pest work after 23 years in the printing business.

"I decided to join the MSU staff so that my children would have better educational opportunities than I had," he says. "All of my children have received their degrees — three at MSU."

Hodge and his wife, Gladys, who also retires in January after 16 years as Wilson Hall's secretary, have eight grandchildren.

The Hodges, who are active in area church work, plan to travel to England after their retirements. Additionally, Hodge plans to do exploratory work for area chemical companies.

"I only hope I don't begin to deteriorate with retirement," Hodge says. "The young people and the University have kept me alert."

— SANDRA DALKA

## MSU Positions Available

**IMPORTANT:** Administrative - Professional and Clerical - Technical applicants should contact the Employment Office at 353 - 4334 by November 7, 1972 and refer to the vacancy by the posting number. Instructional staff applicants should contact the departments noted.

### FACULTY

Asst. Prof. of Social Work (Ph.D. in Social Work or MSW or near completion) Speciality: Social group work.

Gwen Andrew, Director  
School of Social Work

Asst. Prof. of Microbiology & Public Health (M.D. or Ph.D. preferred or equivalent experience) Training and experience in teaching medical students in microbiology and immunology of infectious diseases. Ability to direct graduate and postdoctoral students in research training.

Phillip Gerhardt, Chmn.  
Micro. & Pub. Health

Asst. Prof. Family & Child Sciences (Ph.D. in Child or Human Development with background in biophysical and psycho-social development) Teaching undergraduate and graduate courses in human development with emphasis on infancy and early childhood. Conduct research with graduate students and other faculty.

Margaret Bubolz, Chmn.  
Family & Child Sciences

Chairman of Family Ecology (Ph.D.) General Administration and management. Department is responsible for the integrating programs in the college; core curriculum and majors in family economics, management, community services and home economics education.

Beatrice Paolucci  
Family Ecology

### ADMINISTRATIVE - PROFESSIONAL

58. VII Custodian Superintendent (10 years experience) Extensive experience in managing a large work force, including personnel administration, customer and labor relations, budget preparation and control, report writing and annual method of purchasing. \$14,060 - 18,360

59. V Admin. Asst. to Dean (B.A. Journalism or Public Relations) Three years experience in writing, editing and preparations of brochures, pamphlets and journals. Able to travel in Michigan and meet with MSU Alumni groups. \$12 - 15,500

60. I Computer Programmer (B.A. in Mathematics, Statistics or Computer Science. Familiarity with Fortran. Minimum of one year scientific programming experience. \$9,330 - 11,850

### HEALTH - PROFESSIONS

61. I Med. Technologist (B.A.) Completion of training in an approved school of Medical Technology. ASCP registered or eligible, must be available to work any time during three shifts of day. \$4.17/hr.

### CLERICAL - TECHNICAL

62. IX Sr. Food Supv. (B.A. HRI) Must have knowledge of institutional food service. Minimum of 2 years experience in food production and service preferably at MSU. \$8,384 - 10,418

63. Food Service Supervisor (B.A. or equivalent in HRI) Knowledge of institutional food service. Should have experience in food production and service to supervise residence hall snackshop on afternoon shift. \$3.55/hr.

64. IX Sr. Laboratory Technician (B.S. in biology, microbiology, botany, zoology or equivalent. Knowledge of cytology, light and electron microscopy. Ability to make determination of transfer functions of biological systems. Will train. \$8,384 - 10,418

65. Principal Clerk (2 years post-secondary education or equivalent job experience) Typing, keypunching to work in electronic data processing. Desirable experience with CDC and IBM equipment. \$3.27/hr.

66. VII Office Asst. - Excellent typist, ability to work with office machines and to follow through on detailed work. Knowledge of the University's organization and able to work under pressure. \$6,660 - 8,272

67. VII Sr. Dept. Secretary - Typing shorthand, experience in MSU general office procedures, management, and financial record keeping. Ability to arrange seminars and to prepare and process manuscripts. \$6,660 - 8,272

68. VII Sr. Departmental Secretary - Medical Transcriptionist. Typing 60 - 80 words per minute minimum. Hospital experience preferred. \$6,660 - 8,272

69. Tabulating Machine Operator - Basic clerical skills with keypunching training or experience. Bookkeeping operation for Telefarm program. Part - time, work 3 to 4 days a week. \$3.09/hour

70. Laboratory Research Aide - (B.S. or equivalent experience in physical, chemical or biological sciences preferred) Previous research laboratory experience strong chemistry background desirable. Experience with 4C methodology desirable. \$2.95/hr.

Departmental Secretary V (4 vacancies), \$6,267 - 7,389.

Senior Clerk IV (3 vacancies), \$5,735 - 6,926.

Clerk - Stenographer III (1 vacancy), \$5,511 - 6,562.

Clerk - Typist II (1 vacancy), \$5,440 - 6,422.

MICHIGAN STATE UNIVERSITY IS AN EQUAL OPPORTUNITY EMPLOYER

## Tell Personnel

**Q. I've read about the changes in the sick leave policy. But what if I'm disabled or need time off for personal reasons?**

**A.** Concerning disability leave, an A-P employee with at least five years' continuous full-time employment is eligible for extended disability leave. In cases where total disability is expected to result, an eligible A-P employee will be granted extended paid disability leave for up to six months. This leave includes the aggregate (not to exceed six months) of accumulated sick leave, vacation and personal time due an employee. Extended sick leave benefits will terminate when the employee becomes eligible for long-term disability.

Personal leave without pay may be granted for up to one month for such reasons as: Settlement of an estate, serious illness of one of the employee's family, child care, extended trip, and temporary termination of the employee's work, but not for the purpose of obtaining employment elsewhere. An extension for periods of up to five additional months may be granted. Employees on personal leave for periods of one month or less will be returned to the position held when the leave began. Employees on personal leave exceeding one month must have prior agreement with the University for their return to work. Employees may return early from a personal leave upon agreement of the University. Employees on personal leave may continue in insurance programs for which they are qualified, entitled, and enrolled by paying the full cost of such protection.



## CONFERENCES

- Nov. 2 Jackson Insurance Workshop  
 Nov. 5-10 Breathalyzer  
 Nov. 5-10 Clark Equipment Supervisory Development Program  
 Nov. 5-10 Water & Wastewater Management Seminar  
 Nov. 6-7 American Veterinarian Society for the Study of Breeding Soundness

- Nov. 7-16 Basic Fire & Casualty Insurance Institute, Lincoln Park

All conferences will be held in Kellogg Center unless otherwise noted. Students and faculty members are welcome to attend these continuing education programs. Those who are interested should make arrangements in advance with the Office of University Conferences, 5-4590.

## EXHIBITIONS

### Beal Garden

Finishing its blooming season is the Mediterranean Fall daffodil, located in the lily section.

### Hidden Lake Gardens, Tipton, Michigan

Cascading chrysanthemum exhibited in hanging baskets are current highlights of the floral display in the Temperate House. Open daily 8 a.m. until sundown.

### Library

Throughout November will be displayed "An Almanack for Book-Lovers," marking birth anniversaries of such literary figures as Colley Cibber, Oliver Goldsmith, George Eliot, Lawrence Sterne, Jonathan Swift, and Mark Twain.

### Campus Plantings

The Tschonoski crab apples near the southeast corner of the Harrison Road bridge are bright with orange and scarlet foliage.

### Kellogg Bird Sanctuary, Augusta, Michigan

A wildlife spectacle is at its peak with migrating Canada geese and a variety of ducks. Wildlife food and cover planting demonstrations also may be seen. Open 8 a.m. until sundown.

### Kresge Art Center

Entrance Gallery: Robert Alexander, design and photographs

North Gallery: 27 watercolors on loan from The Detroit Institute of Arts, including Signac, Pechstein, Feininger, Morris Graves, Emil Nolde and John Marin.

## SEMINARS

### THURSDAY, NOVEMBER 2, 1972

The comparative ecology of *Dipodomys ordii* and *D. merriami*: must similar sympatric species compete? **Ronald Gaby**, assistant professor, Dept. of Biology, John Carroll U., Cleveland, 1:30 p.m., 223 Natural Resources (Fisheries and Wildlife).

Submanifolds of Riemannian manifolds. **C.C. Hsuing**, Lehigh U., 4:10 p.m., 304A Wells (Mathematics).

Neutron stars and black holes in our galaxy. **Remo Ruffini**, Princeton U., 4:10 p.m., 120 Physics-Astronomy (Physics and Astronomy).

### FRIDAY, NOVEMBER 3, 1972

Erythrocyte half-life in Rhesus monkeys and miniature swine. **John B. Mulder**, director of animal resources and assistant professor of veterinary medicine, U. of Missouri, 2 p.m., 149A Veterinary Clinic (The Center for Laboratory Animal Resources).

### MONDAY, NOVEMBER 6, 1972

Comparative analysis I: Similarities in racial mentality in the U.S. and Brazil. **Leslie Rout**, 9 a.m., 2W Owen (Center for Urban Affairs).

Exotic nuclei from heavy ion reactions. **D.A. Alburger**, Brookhaven National Laboratory, 4:10 p.m., Cyclotron Seminar Room (Cyclotron).

Prostaglandins in pituitary and ovarian function. **David Armstrong**, 12:30 p.m., 126 Anthony (Dairy Science).

The electronic structure of intermetallic compounds and ordered alloys. **J.P. Jan**, National Research Council, Canada, 4 p.m., 221 Physics-Astronomy (Physics).

Uptake and distribution of methyl and inorganic mercury in rainbow trout, with special reference to ultrastructural changes of the gill. **Kenneth R. Olson**, 3 p.m., 216 Giltner (Physiology).

### TUESDAY, NOVEMBER 7, 1972

A stochastic approach to population balance models. **Amil Charkar**, 4 p.m., 284 Engineering (Chemical Engineering).

Electronic structure analysis of enzyme catalysis. **Leland Allen**, Princeton U., 4 p.m., 136 Chemistry (Chemistry).

Catalysts of lipid oxidation in cooked meat. **Jane Love**, 4 p.m., 103 Food Science (Food Science and Human Nutrition).

Cold acclimation and freezing injury in woody plants. **Peter L. Steponkus**, Department of Floriculture, Cornell U., 4 p.m., 209 Horticulture (Horticulture).

Parameter estimation. **James V. Beck**, 4:10 p.m., 312 Engineering (Metallurgy, Mechanics and Materials Science).

Metabolism of 2,4,5-T in rats, dogs and men. **Perry J. Gehring**, Toxicology Laboratory, The Dow Chemical Co., 4 p.m., 449B Life Sciences (Pharmacology).

Endogenous gibberellin levels. **J. McMillan**, U. of Bristol, 4:10 p.m., 101 Biochemistry (Plant Research Laboratory).

### WEDNESDAY, NOVEMBER 8, 1972

Eradicative control of plant disease epidemics. **So-Yung Jane Chai**, 4:10 p.m., 168 Plant Biology (Botany & Plant Pathology).

Educational desegregation. **Robert L. Green** and **Charles L. Townsel**, superintendent, Del Paso, California, Schools. 1:30 p.m., 2W Owen (Center for Urban Affairs).

Theoretical basis for molecular action of trace minerals. **Charles Hill**, professor of poultry science, North Carolina State U., 4 p.m., 131 Anthony (Institute of Nutrition).

Physiological control of selective ion transport. **D.W. Rains**, U. of California, Davis, 4:10 p.m., 101 Biochemistry (Plant Research Laboratory).

### THURSDAY, NOVEMBER 9, 1972

Some lessons in location of school facilities. **Richard A. King**, M.G. Mann professor of economics, North Carolina State U., 3:30 p.m., 312 Agriculture (Agricultural Economics).

Biogenesis of mitochondria in yeast. **Gottfried Schatz**, Biochemistry and Molecular Biology, Cornell U., 4 p.m., 101 Biochemistry (Biochemistry).

The role of the clinician in medical jurisprudence. **David Paul**, Coroner, City of London, England, 3 p.m., 109 S. Kedzie (Criminal Justice, Human Medicine, Center for Environmental Quality).

The coroner's system in the United Kingdom. **David Paul**, coroner, City of London, England, 4 p.m., 109 S. Kedzie (Criminal Justice, Human Medicine, Center for Environmental Quality).

Blood volume: A function of body composition. **Janet Grommet**, 12:30 p.m., 206 Food Science (Food Science and Human Nutrition).

The Marxism of Mao Tse-tung: Thoughts on the philosophic origins of the Sino-Soviet split. **William V. Frame**, Political Science Dept., Kenyon College, Gambier, Ohio. 7:30 p.m., 329 Case Hall (James Madison College).

A mathematical model of the survival of red blood cells. **A. Lasota**, 4:10 p.m., 304A Wells (Mathematics).

Social and psychological aspects of inland fisheries management. **David P. Borgeson**, biologist, Fisheries Division, Michigan Dept. of Natural Resources. 1:30 p.m., 223 Natural Resources (Fisheries and Wildlife).

Automotive emissions: problems and possible solutions. **Charles M. Heinen**, executive engineer, Materials Engineering, Chrysler Corp., and **Clarence M. Ditlow III**, the Center for Study of Responsive Law. 3 p.m., Engineering Auditorium (Mechanical Engineering).

Search for fractionally charged particles at the C.E.R.—I.S.R. **Charles Gruhn**, 4:10 p.m., 120 Physics-Astronomy (Physics).

Influence of behavior on cardiovascular control. **Orville A. Smith**, director, Washington Regional Primate Research Center, Seattle. 4 p.m., 146 Giltner (Psychology, Physiology, Psychiatry, Zoology, Biology Research Center, Office of Research Development, Endocrine Research Unit).

A functional equation and the characterization of the normal distribution by suitable transformations. **Eugene Lukacs**, Dept. of Mathematics, Bowling Green State U. 4:10 p.m., 405A Wells (Statistics and Probability).

### FRIDAY, NOVEMBER 10, 1972

Maximizing genetic improvement of beef and dairy cattle through artificial insemination. **Paul Miller**, 12:30 p.m., 126 Anthony (Dairy Science).



# MICHIGAN STATE UNIVERSITY

# Calendar of Events

## FRIDAY, NOVEMBER 3, 1972

- 8 p.m. A.R.C. 72—The live rock sounds of Jake Jones blend with dreamlike projections in the sky theatre to provide a unique experience for each individual attending. Tickets are on sale at the Union Ticket Office and the Planetarium boxoffice. Abrams Planetarium.
- 8 p.m. Pop Entertainment—Stephen Stills will perform. Tickets are on sale at Campbell's Smoke Shop, Marshall's Music, and the Union Ticket Office. Jenison Fieldhouse.
- 8:15 p.m. International Orchestra Series—The Royal Philharmonic Orchestra with Rudolf Kempe, conductor, will perform the Samuel Barber "Essay No. 2," Berlioz' psychedelic "Sinfonie fantastique" and Mendelssohn's "Concerto in E Minor," featuring Teiko Maehashi, violin soloist. Tickets are on sale at the Union Ticket Office. Auditorium.
- 10 p.m. A.R.C. 72 (see above). Abrams Planetarium.

## SATURDAY, NOVEMBER 4, 1972

- 1 p.m. Football—MSU vs. Purdue. Spartan Stadium.
- 8 p.m. A.R.C. 72 (see Nov. 3). Abrams Planetarium.
- 8 p.m. World Travel Series—Gene Wiancko traces the march of many cultures throughout the history of "Yugoslavia and the Slavic Race." Tickets are available at the Union Ticket Office. Auditorium.
- 10 p.m. A.R.C. 72 (see Nov. 3). Abrams Planetarium.

## SUNDAY, NOVEMBER 5, 1972

- 8 p.m. A.R.C. 72 (see Nov. 3). Abrams Planetarium.

## MONDAY, NOVEMBER 6, 1972

- 8:15 p.m. University Series—Alicia de Larrocha will perform music of Beethoven, Bach, Albeniz and Granados. The Cleveland Plain Dealer has described this Spanish American artist's performance as "sweeping aside all would-be critical objectivity in its passion, beauty, authority and drive." Tickets are on sale at the Union Ticket Office. Auditorium.

## TUESDAY, NOVEMBER 7, 1972

- 12 p.m. University Club luncheon—Ralph H. Smuckler, dean of International Studies and Programs, and Craig R. Halverson of WKAR-TV will present a new film on the activities of MSU in Asia.
- 8 p.m. International folkdancing—Instruction will be followed by dancing at 9 p.m. 327 M.A.C.

## WEDNESDAY, NOVEMBER 8, 1972

- 3:30 p.m. Soccer—MSU vs. Albion. Soccer Field.

## THURSDAY, NOVEMBER 9, 1972

- 8 p.m. "The Magic Flute"—Mozart's opera, with its comedy and beautiful melodies, will be presented by the MSU Opera Workshop in English. Kamen Goleminov of Bulgaria will conduct the performances. Tickets are available only at the door. Music Auditorium.

## BULLETINS

**ACADEMIC SENATE** The Academic Senate meeting scheduled for 3 p.m. Wednesday, Nov. 8, has been postponed until winter term.

**FOOTBALL MUMS** Football mums will be on sale in 109 Horticulture Bldg. from 1 to 5 p.m., Friday, Nov. 3, at \$1.25 each. A discount will be offered on quantities of ten or more. The sale is sponsored by the Floriculture Forum.

**TURKEY SALE** The MSU Poultry Science Club is selling premium quality holiday turkeys at 53 cents per pound for 6-18 lb. birds and for 49 cents per pound for 18-15 lb. birds. Call 5-8423 to place orders from 8 a.m. to noon and 1 to 5 p.m., Monday through Friday.

**EARLY ENROLLMENT** Early enrollment for winter term begins Monday, Nov. 6, in the Sports Arena of the Men's IM Bldg. and continues through Friday, Nov. 10. For detailed information concerning enrollment, see pages 9-10 of the 1973 winter term Schedule of Courses and Academic Handbook.

**NEWCOMERS** A bowlerama will be held on Friday, Nov. 17 for Faculty Folk Newcomers and their spouses. The party, held at 7:15 p.m. at the MSU bowling lanes, will be followed by beer and pizza at the home of Mr. and Mrs. Warren Anderson, 4350 Oakwood Dr., Okemos. For information call Mrs. Jay Goodman or Mrs. Steven Hurlock.

**AFSCME** Representatives of the American Federation of State, County and Municipal Employees will be available at two public meetings to answer questions from clerical-technical employees about the runoff election Nov. 13 and 14. The meetings will be held Thursday, Nov. 1 at 7:30 p.m. in 105 S. Kedzie, and Friday, Nov. 2, at noon in the Union Gold Room.

**BOTANICAL CLUB** The Michigan Botanical Club will meet at 7:30 p.m. Tuesday, Nov. 7 in the floriculture laboratory on the first floor of the Horticulture Bldg. for a demonstration workshop by Gary and Cheryl Anderson on "Using Wayside Plants in Decorations and Arrangements." Participants should bring a container, a cutting tool, and some interesting dried roadside plants.

**STUDENT DIRECTORIES** The new student directory is now available. Departmental representatives may obtain copies for departmental use at 64 Administration Bldg.

**SAUSAGE SALE** The MSU Food Science Club will make and sell bulk pork sausage in 1 lb. packages at 95 cents per lb. Phone 3-0764 to place orders. Sausage orders can be picked up between 9 a.m. and 5:30 p.m. Nov. 20-22 at the Meats Laboratory.

**TROPICAL STUDIES** The MSU Tropical Studies Group will meet at noon, Wednesday, Nov. 8, in Parlor B, Crossroads Cafeteria. Following lunch, John H. Beaman will discuss "The Disappearing Tropical Rain Forests of Southern Vera Cruz" in 204 Center for International Programs. The public is invited.

**OFF-CAMPUS TRAINING** Departments with students in off-campus training for credit winter term should send a list of these students to Jerry T. Puca, manager, hall assignments, 190 W. Holmes, to expedite releasing these students from their housing contracts.

**EXTENSION WOMEN** The MSU Extension Women's Club will meet at 1 p.m., Friday, Nov. 10 at the East Lansing Library Community Room. Mrs. Bert Martin, specialist in the College of Human Ecology, will speak on "Creative Fabric Design." For further information, call Mrs. Leonard Kyle or Mrs. Myron Kelsey.

**MSUEA** Daily meetings have been scheduled from Nov. 6-10 to provide additional information about MSUEA. All meetings will be from noon to 1 p.m. in the following places: Monday, Union Oak Room; Tuesday, 238 Engineering; Wednesday, 112A Berkey; Thursday, 140 Fee; and Friday, 217 Bessey. If sufficient interest is shown for an additional meeting, requests will be honored by any board member of MSUEA.

**REVISED CLASS LISTS** Revised class lists, including the names of all students enrolled in each course and section as of Nov. 1, will be delivered to departmental offices Nov. 3. The lists should be carefully checked as soon as possible, and questions directed to the Office of the Registrar, 3-0731 or 5-3300, ext. 67. Final grade cards corresponding to the students listed on these class lists will be distributed. All discrepancies must be cleared by Nov. 13.

*Information on MSU events may be submitted for possible inclusion in the bulletins to Patricia Grauer, 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 a 9-day period, Friday through Saturday.*