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.

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 lower and some will be classified higher."

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.

Briefly, the program provides:
- Disabled persons would receive a monthly income, including Social Security benefits, equaling 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, McDanel Hall.

Inside . . .

- Defeating pests, page 6
- Demobilizing an army, page 5
- Defeating pests, page 6
**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 that results will produce a stronger and more effective Michigan State unionization carries a message as well. Significant 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.

**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 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 of motive. We regret that we were unable sufficiently to dispel those fears, and we continue to believe that a more cooperative and responsive approach toward strengthening the University as a whole, in the long run, may better meet their needs.

We will support, during the coming year, efforts to strengthen the present system of governance. 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 percent of the electorate.

We intend to act, in the meantime, in the interest of constructive cooperation and of criticisms and 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 redressing their promises to the faculty members who by their votes, placed their trust in them. We hope that those 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
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 overseas 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 professors 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 watercolor 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 Artwork." 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. The exhibit continues until Nov. 12. Over a hundred watercolors have been exhibited nationally."

"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.

"I'm impressed," he adds, "with students who want to see works by some of the important watercolor artists."

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 on 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 Kerner Commission report on education. Because of its good reputation, it has attracted some of the top people in the country to its staff, he says.

"We need people who can adjust," says Bradley B. West, assistant director of student teaching. "Because you're pretty far from campus."
### 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 percent 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 by on-campus enrollment:

<table>
<thead>
<tr>
<th>College</th>
<th>Fall 1971</th>
<th>Fall 1972</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agr. &amp; Home Economies</td>
<td>3,167</td>
<td>3,172</td>
<td>+5</td>
</tr>
<tr>
<td>Arts &amp; Letters</td>
<td>7,316</td>
<td>7,382</td>
<td>+66</td>
</tr>
<tr>
<td>Lyman Briggs</td>
<td>814</td>
<td>819</td>
<td>+5</td>
</tr>
<tr>
<td>Business</td>
<td>3,761</td>
<td>3,656</td>
<td>-107</td>
</tr>
<tr>
<td>Communication Arts</td>
<td>1,631</td>
<td>1,589</td>
<td>-42</td>
</tr>
<tr>
<td>Education</td>
<td>3,142</td>
<td>3,122</td>
<td>-20</td>
</tr>
<tr>
<td>Engineering</td>
<td>2,575</td>
<td>2,584</td>
<td>+9</td>
</tr>
<tr>
<td>Human Ecology</td>
<td>772</td>
<td>756</td>
<td>-16</td>
</tr>
<tr>
<td>Human Medicine</td>
<td>751</td>
<td>713</td>
<td>-38</td>
</tr>
<tr>
<td>James Madison</td>
<td>41</td>
<td>53</td>
<td>+12</td>
</tr>
<tr>
<td>Justin Morrill</td>
<td>797</td>
<td>790</td>
<td>-7</td>
</tr>
<tr>
<td>Natural Science</td>
<td>4,026</td>
<td>3,983</td>
<td>-43</td>
</tr>
<tr>
<td>Osteopathic Medicine</td>
<td>170</td>
<td>170</td>
<td>0</td>
</tr>
<tr>
<td>Social Science</td>
<td>672</td>
<td>713</td>
<td>+41</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>170</td>
<td>170</td>
<td>0</td>
</tr>
<tr>
<td>Woman’s Program</td>
<td>133</td>
<td>169</td>
<td>+36</td>
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<tr>
<td>SOURCE</td>
<td>8,460</td>
<td>8,191</td>
<td>-269</td>
</tr>
<tr>
<td>Student-teacher</td>
<td>1,325</td>
<td>1,259</td>
<td>-66</td>
</tr>
<tr>
<td>Total</td>
<td>18,003</td>
<td>17,843</td>
<td>-160</td>
</tr>
</tbody>
</table>

### Additional Data

- **Married**
  - Women: 2,705 (24.3)
  - Men: 5,658 (53.9)
- **Non-credit (est.)**
  - Women: 3,005 (12.9)
  - Men: 2,506 (10.8)
- **Routinely**
  - 1,700 (73.3)
  - 1,000 (43.3)
- **Other colleges**
  - 3,136 (42.3)

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

- **ADDITIONAL DATA**

### 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 percent of its graduates find immediate employment in an economy suddenly gone sour for college graduates. Among those achievements are: The University spent some $184.4 million in operating funds, having 68.4 percent of last year’s total of $290 million. More than $59 million of the general University operating funds went for general instructional and educational services. In 1970-71, MSU spent about $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 $400,000 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 $5 million higher than a year ago.
- The University contributed $4.5 million to the TAA-CREF retirement plan, and about $2.2 million to the MSU noncontributory plan.
- Of 13 colleges (excluding the three residential), 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 increased to $155,787; the campus bus system was received $472,206.

### 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 urgency in business requiring Senate action. James Bonner, professor of agricultural economics and chairman of the committee, said the postponement was 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 bill to change the elected Student Council.
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 Rohnan, 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.

Connie Geraci found out quickly how it was going to be working as Dan Kapur's secretary. Five months 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.

Two 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 compile 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 mistake."

He said the Nigerian experience is just the reverse of that in the United States; you have to provide substantial incentives to encourage veterans to leave the army. He recommends the use of a development 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, laid 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

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."

Contribution drive at 36 percent

Profiles

Faculty member helps demobilize an army

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

JOHN M. HUNTER, director of the MSU's School of Labor and Industrial Relations, is a consultant to the Organization of American States in Honduras.

Books

Both AFSCME unions ratify contracts

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.

Local 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 include increases in the University's 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.
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 was sent out to capture the noisemaker. Six campus police officers, fire department personnel, and William

"Jack" Hodge, the University's pest control officer, were called to the scene. 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 most unusual adventures he has had during the last 16 years in his position as pest control officer.

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

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

He told of another time when a roofter, "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 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.**

But one of the main pest problems on campus, Hodge says, "are the bats that have perfect hiding places in older buildings, such as Morrill Hall, where the fireplaces have been boarded up and covered to update the building." He says the bats, a native of Dorset, 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, Gloyds, who also retired from MSU, live in a house that was once Wilson Hall's secretary, have eight grandchildren.

"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
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 Soundsness

EXHIBITIONS

Real 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.

SEMINARS

THURSDAY, NOVEMBER 2, 1972
The comparative ecology of Dipodomyus 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 Rheus 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 Animals Research).

MONDAY, NOVEMBER 6, 1972
Comparative analysis I: Similarities in racial mentality in the U.S. and Brazil. Leslie Root, 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).

Protagonists in puritany and ovarian function. David Armstrong, 12:30 p.m., 126 Anthony (Dairy Science).

The electronic structure of intermetallic compounds and ordered alloys. I.P. Ian, 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 Gilman (Physiology).

TUESDAY, NOVEMBER 7, 1972
A stochastic approach to population balance models. Amil Charakar, 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. Stepnous, Department of Floriculture, Cornell U., 4 p.m., 209 Horticulture (Horticulture).


Metabolism of 2,4,5-T in rats, dogs and men. Perry J. Gehring, Toxicology Laboratory, The Dow Chemical Co., 4 p.m., 44B Life Sciences (Pharmacology).

Endogenous gibberellin levels. I. 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).

Exotic nuclei from heavy ion reactions. D.A. Alburger, Brookhaven National Laboratory, 4:10 p.m., 136 Chemistry (Chemistry).

Prostaglandins with special reference to ultrastructural changes of the gill. Kenneth R. Olson, 4:10 p.m., 120 Physics-Astronomy (Physics and Astronomy).

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).

For general information about MSU, please call 353-8700.
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," Berlios' 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.

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 Horticulture Club.

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 18-25 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 I.M. 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 Harlock.

AFSME 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.

MONDAY, NOVEMBER 6, 1972

8:15 p.m. University Series—Alicia de Larrocha will perform music of Beethoven, Bach, Arens and Granados. The Cleveland Plain Dealer has described this Spanish American artist's performance as "swimming 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.

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

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 Mears 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 Neighborhood 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, 3-0711 or 3-3300, 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, Gratz, 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.