

# U withdraws challenges in C-T vote

The University has notified the Michigan Employment Relations Commission (MERC) that is withdrawing all challenges it made to ballots cast in the November 13-14 bargaining agent election for clerical-technical employees.

Keith Groty, assistant vice president for personnel and employee relations, said the action was taken to facilitate a speedy resolution of the election.

In the November balloting, the American Federation of State, County and Municipal Employees (AFSCME) got 634 votes to 617 for the MSU Employees Association (MSUEA).

The University, however, challenged 179 ballots, most of them on the basis that the employee voting was a "supervisor" according to definitions agreed upon previously by the University and MSUEA, the petitioning unit. Three of those ballots were concurrently challenged by AFSCME.

At a subsequent informal hearing, the University agreed to remove its challenges to 84 votes after rechecking the status of those employees. When these votes were counted, MSUEA moved ahead of AFSCME 671 to 663.

The University asked both parties to concur in its challenge of the remaining 95 ballots but both refused. By dropping its challenge to these votes, the

University frees 92 ballots to be counted (three remain challenged by AFSCME).

Groty said the challenges originally were made to provide the contending unions with the University's opinion as to individual employees eligible to vote under the description of the proposed collective bargaining unit.

"However, since the agents chose not to challenge these votes, or to join with the University in declaring them ineligible, the challenges are now removed so that MERC may certify an agent without the necessity of formal hearings," he said.

Groty said such a formal hearing could be a costly undertaking lasting as long as six months.

"We felt we were in a position to know more about what these employees (the challenged ballots) did on their jobs than either of the contending unions," Groty said. "But neither party would agree with our challenges, so we decided to withdraw them and let the chips fall where they may."

He pointed out that by removing these challenges the University does not agree that individual employees in question would necessarily be represented by the union eventually certified to be the winner. Negotiations on that point are apart from the election itself.

## MSU News-Bulletin

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### Minority enrollment increases

Minority enrollment at MSU has grown to 3,254, or 7.9 percent of the total student body. This compares with 3,024, or 7.2 percent of enrollment a year ago.

The figures were compiled by the University's Office of Institutional Research from a minority student census required by the federal Department of Health, Education and Welfare. The census was for fall term 1972 and excludes foreign students.

The number of minority students increased by 230 over the same period last year, despite a drop of 271 in total student enrollment.

Blacks make up the largest segment of the minority enrollment, totaling 2,678. This was an increase of 169 over the previous year.

For the first time, the University census separated Chicano students from the "Spanish-American" category. The count showed 187 students listing themselves as Chicanos, while 101 were counted as Spanish-Americans. The total of this group, 288, was an increase of 51 over the 1971-72 academic year.

Another increase was in the number of students of Oriental ancestry, with 256 compared with 237 the previous year.

The number of students listing themselves as American Indians dropped from 41 to 32. The reduction was attributed in part to a more rigorous definition of this ethnic classification recommended by the University's coordinator of American Indian programs.

The number of minority students in graduate school programs continued to increase, representing 7.9 percent of total graduate enrollment, compared with 7.1 percent last year and 5.9 percent two years ago.

#### Inside . . .

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Photo by Bob Brown

A romp through the woods? A walk in the snow? A search for treasure? See story on page 5.

### MSU 15th or 4th?

MSU continues to stand among the nation's largest universities — but its actual rank may vary, depending upon whose count you want to accept.

The recent annual national enrollment survey by the University of Cincinnati, for example, places MSU 15th in total enrollment. But that survey includes state college and university systems (the 18-campus State University of New York system ranks No. 1 with some 361,000 students) and those systems occupy nine of the first 15 places.

But a further breakdown — to single-campus enrollment only — puts MSU in fourth place, behind the University of Minnesota (Twin Cities), Ohio State University (Columbus) and the University of Texas (Austin).

Among single campuses, Big Ten universities hold six of the top 10 places nationally.

The national survey by the University of Cincinnati's Dr. Garland Parker shows that colleges and universities managed to show a slight enrollment gain this year, although the rate of increase is leveling off.

"To be sure," Parker reports, "many institutions, both public and private, experienced serious, sometimes devastating, enrollment losses, but overall most of the four-year institutions held their own or showed a slight gain."

Parker estimates that this year's grand total college enrollment may reach 9.2 million students.

Fall enrollment on MSU's East Lansing campus reached 41,378, a small decline (seven-tenths of 1 percent) from last year. Freshman enrollment at MSU actually increased (by 1 percent) over 1971, despite a national decline in the freshman total.

The number of men at MSU dropped by 2 percent, but the women's total grew by 1.1 percent. Men continue to outnumber women, but only 23,373 to 18,005 this fall. At the graduate level, the number of women increased by 5.7 percent.

Among the University's 15 degree-granting colleges, there was evidence of both enrollment growth and decline, and in many cases it reflects how students view the national job pictures.

Most noticeable by their increases, for instance, are the Colleges of Veterinary Medicine, Human Ecology, and Agriculture and Natural Resources, all of which can show good placement records. (Engineering, the health professions and business also have promising job outlooks.)

In veterinary medicine, nearly all of the additional 166 students this year are

(Continued on page 6)



## Science notes

## MSU among the best in science education

MSU ranks as one of the country's top public universities in science education.

In undergraduate science education MSU is second to none.



BY  
PHILLIP  
MILLER

An article by Paul Doty and Dorothy Zinberg of Harvard University, in a winter issue of the American Scientist publication of the science honorary Sigma Xi, confirms it.

In a ranking of public and private institutions, based upon National Science Foundation (NSF) fellowship

awards, MSU ties for first with the University of Iowa. Both institutions averaged 2.1 fellowships per 100 students during 1969 to 1971. This is a quality rating.

In terms of quantity, MSU is second only to the University of Wisconsin which graduates about 70 more science students per year than does MSU.

In sheer numbers of NSF awards, MSU is fifth among all of the nation's universities and colleges for the three-year period.

The big five includes the California Institute of Technology, Massachusetts Institute of Technology, Harvard University and Cornell University for the years 1969 through 1971.

"The number of institutions producing a disproportionate share of leading science graduates is very small," said Doty and Zinberg.

Eight percent of the nation's institutions account for 25 percent of the graduates.

"What is gratifying to us is the fact that MSU is one of the top in the ranks of private as well as public schools," said James W. Butcher, Acting Dean of MSU's College of Natural Science.

"This is somewhat remarkable since MSU (and other public institutions) admits not only top high school students — as do private institutions — but also those students who range down to average in their classes."

Understandably, the article raised enthusiasm among MSU faculty:

"A number of our faculty have called me about this article," says Butcher. "While they are proud of this college's record, many believe that our merit scholar recruitment program and the Honors College program should share credit for the quality of our product."

But what about employment of science graduates?

"Virtually all MSU science graduates that are seeking work, and have a good educational background, can find jobs," says Anthony Rogalski, assistant director in the Placement Bureau.

"There is now again a growing

demand for young scientists, says Jack B. Kinsinger, chemistry chairman.

"It's obvious that the best thing for society is for the institutions of excellence to continue to train the students of excellence," Kinsinger continued. "And the institutions that are mediocre or poor should consider dropping science."

The chemist points out that MSU provides Michigan students with one of the best places to get an extraordinarily high quality science education.

MSU's development of high quality education in undergraduate science is parallel and coupled with an impressive showing on the graduate level as evidenced by the recent American Council on Education (ACE) rating.

Butcher says, "We have known for some time that MSU science students have been remarkably successful in winning awards. This phenomenon parallels the excellence attributed to science graduate programs by the most recent ACE ratings of graduate schools."

"Eleven of our 14 science departments had distinguished ratings for their high quality graduate training programs."

## On other campuses

**LANGUAGE DEMAND UP.** In spite of reduced degree requirements, so many students are enrolled in foreign language courses at the University of Wisconsin-Madison this year that they are over-taxing teaching facilities once thought more than adequate. Enrollment in Norwegian and Swedish has almost doubled in the last year, and in Danish it has almost tripled. For the first time, two sections in third-year Hebrew have been set up, as well as a section each for fourth and fifth year.

**RECYCLING — A SIGN OF EDUCATION.** William H. Peters, a business professor at the University of Wisconsin-Madison, interviewed 84 recycling households and an equal number of non-recyclers in Madison's west side during the late 1971 and early 1972. Among other things he found that 73 per cent of the household heads who voluntarily recycled cans and bottles had four or more years of college. Only 34 per cent of the non-recyclers had similar education. Fifty-nine per cent of the wives in recycling families had college degrees as compared with only 22 per cent in non-user families. More college-educated wives also felt that solid waste disposal was a considerable problem. Of the families that didn't recycle, half felt that preparing cans and bottles and then taking them to a recycling center was too much trouble. The rest claimed they lacked transportation, had not heard about the program, or were not interested in recycling.

## Achievements

**CHARLES C. HUGHES**, professor of anthropology and psychiatry, has been appointed to a four-year term on the behavioral sciences test committee of the National Board of Medical Examiners.

**FENDLEY COLLINS**, MSU wrestling coach from 1929 to 1963, was honored with the first "AAU Exemplary Service Award" at the recent national meetings of the National Amateur Athletic Union in Kansas City. Collins retired last summer after serving for nine years as coordinator of special events for the athletic department.

**MARGARET Z. JONES**, assistant professor of pathology, has been elected president of the Mid-Michigan Society for Instructional Technology, and **ALLAN J. ABEDOR**, assistant director of the Educational Development

Program, has been named vice-president of the same organization.

**JOHN BARSON**, associate dean of the College of Osteopathic Medicine, has been elected to the Board of Trustees of the Kirksville College of Osteopathic Medicine in Missouri.

**NORMAN ABELES**, professor of psychology and the Counseling Center, has been elected to a three-year term on the Council of Representatives of the American Psychological Association.

**GORDON E. GUYER**, chairman of the Department of Entomology, was recently elected president of the Entomological Society of America.

**ANDREW D. HUNT**, dean of the College of Human Medicine, has been elected to serve for one year as a member-at-large on the Administrative Board of the Association of American Medical Colleges' Council of Deans. The council is one of the three major policy-making units of the national association.

**LAWRENCE J. GIACOLETTO**, professor of electrical engineering and systems science, has been invited to join the Honorary Editorial Advisory Board of the International Journal of Solid-State Electronics. He will advise on the scope and content of the journal, which is published in three languages.

## History in sound

McCarthy:  
A man of many faces

By G. Robert Vincent  
Curator, National Voice Library

(Actual recordings that detail this and other events are available in the National Voice Library on the fourth floor of the Library. An appointment can be made by calling 355-5122.)

His early career consisted of chicken farming and chain grocery managing. At college he switched from engineering to law, from Democrat to Republican. He became a Wisconsin Circuit Court Judge. A rear echelon Marine in World War II, he made the United States Senate in 1946. . . . I'm describing Joseph R. McCarthy.

Joe was an ambitious young Senator and he wanted to get places. He succeeded in turning Washington upside down. McCarthy started his climb to power conducting a one man expose of Communists in this country. . . .

"McCarthyism is Americanism with its sleeves rolled up," he boasted. He called General George C. Marshall "an instrument of the Soviet conspiracy," Secretary of State Dean Acheson "the Red Dean," Owen Lattimore, the far eastern expert, "the top Russian espionage agent in the United States." United Nations Ambassador Jessup, according to Senator McCarthy, was "preaching the Communist Party Line" . . . Does this sound incredible; . . . Listen!

**MCCARTHY:** ". . . Now, the other night, Truman defined what he called 'McCarthyism'. The definition was identical, word for word, comma for comma, with the definition adopted by the

Communist Daily worker, which originated the word 'McCarthyism' . . ."

Now Joe salutes the well known correspondent, Edward R. Murrow:

"Mr. Edward R. Murrow, as far back as twenty years ago, was engaged in propaganda for communist causes. . . ."

Senator McCarthy encouraged fanatical anti-communist government workers to leak confidential information to him. He praised these people as the "Loyal American Underground." At the Senate Investigation Sub-Committee Hearings, chaired by Senator Karl Mundt, McCarthy said:

". . . I will not, under any circumstances, reveal the source of any information which I get as chairman of the committee. One of the reasons why I have been successful, I believe to some extent, in exposing communism is because the people who give me information from within the government know that their confidence will not be violated and I want to notify the people who give me information that there is no way on earth that any committee, any force, can get me to violate the confidence of those people. . . ."

After irreparable damage to many loyal citizens, Senator McCarthy was censured by the United States Senate. His spell was broken, and on May 2, 1957 he died. An ignoble period in our history was over and McCarthyism was changed to McCarthyism.

## MSU News-Bulletin

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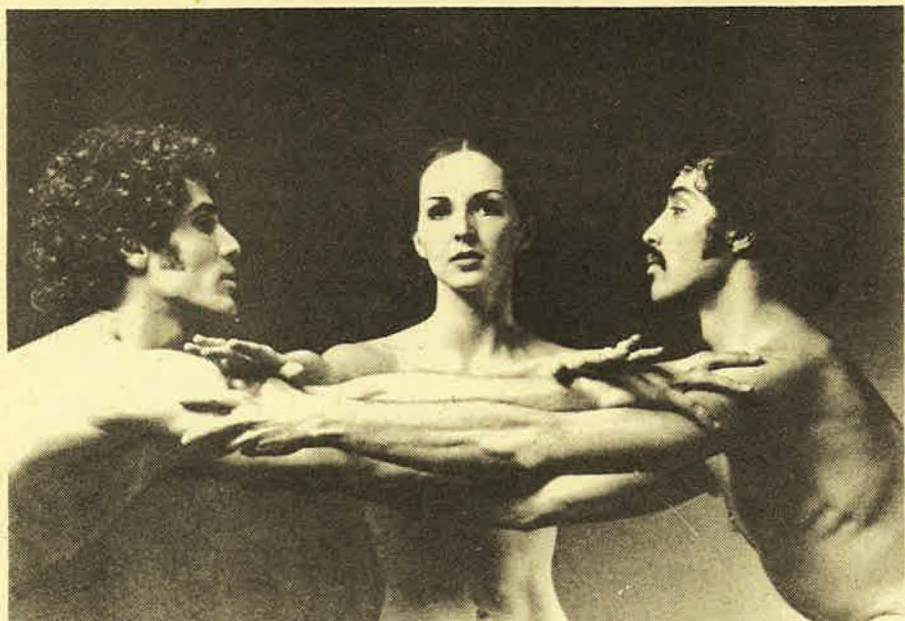
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# Around the campus: A summary

## Ballet performance set



Louis Falco (left) will be joined by Jennifer Muller, Juan Antonio, and the other members of the Louis Falco Dance Company for a dance residency, Jan. 8-11, on campus and a dance performance at 8:15 p.m. Thursday, Jan. 11, in the University Auditorium. The residency, which is open to MSU students as well as members of the public who have a serious interest in dance, is sponsored in part by MSU's Lecture-Concert Series, the Michigan Council for the Arts, the National Endowment on the Arts, the City of Lansing's Department of Parks and Recreation and the dance program at MSU. A graduate of New York's High School of the Performing Arts, Falco was a featured dancer with the Jose Limon Dance Company before he became dancer, choreographer and director of his own company.

## Evening college courses offered

New Life Styles, Railroading — Past, Present and Future, Gay Literature, Yoga Exercises, Rapid Reading, Recycling, The First Freedoms — 1973, What I believe and Why. . .

These are topics for some of the 56 winter term Evening College courses, open to MSU faculty, staff, students and spouses, as well as the public, which begin early in the year.

So are Collective Bargaining in Education, Communist China, Human Heredity and Genetic Counseling, Biologic Concepts of Race, Alternative Child Care Arrangements, Designing Your First Home and Welcome to the Future.

The noncredit Evening College courses, half of which are new winter term, provide information and insight without requiring term papers, exams and grades. They are taught by MSU or other faculty. Most meet two hours one night a week for eight weeks. Discussion is featured.

Information on the courses, which range from philosophy, science and business, through crafts, hobbies and physical fitness, may be obtained by contacting the Evening College Office, 19 Kellogg Center, telephone 355-4562.

## Crafts collection donated to museum

What has been described by the staff as "one of the most outstanding collections of arts and crafts from other cultures" has been donated to the MSU Museum.

The collection of Indonesian, Chinese, Ethiopian, and West African pieces was given to the museum by Cernyw Kline of Mason in the memory of his wife, Morna.

The collection had been carefully assembled over a period of 19 years by the Klines, who traveled through 80 countries. They lived in Indonesia from 1959 to 1962 while Kline taught agricultural engineering, and in Ethiopia from 1967 to 1969 while he taught and she worked for the Institute of Ethiopian Studies.

Close contact with native peoples combined with study of the culture and appreciation of the arts allowed the Klines to acquire many outstanding works of art and handicraft.

Upon their return to the United States, Mrs. Kline enrolled at MSU and received a bachelor of arts degree in interior design, graduating with the highest scholastic standing of any student to that time in the College of Home Economics. She died unexpectedly in May 1972.

The 300-piece collection includes batiks, carvings and metalwork from Indonesia; masks, fetish figures and gold weights from West Africa; Coptic silver crosses and religious art from Ethiopia; and ivory and jade carvings, ceramics and bronzes from China.

## Diaramas depict colonial artisans

"Artisans Old World and New," a new exhibit at the MSU Museum, shows colonial craftsmen at work, but it is also an excellent example of the kind of work modern artisans can do.

A silversmith, a carver, a printer, and a cobbler are some of the artisans featured in the display. The figures, their tiny tools and workshops all give the observer a realistic picture of historical craftsmen.

Charles Smith and Chet Trout of the MSU Museum staff, are responsible for the intricate artistry that is part of the 10 diaramas on display. Diaramas are hand carved, miniature representations of persons or figures in various settings.

Dirk Gringhuis, curator at the museum, said the exhibit is in response to the "great revival of interest in crafts" and will eventually replace the museum's "Military Hall" display.

## Hungiville finds Pound letters

The discovery of several 30-year-old letters by an MSU professor has linked one of this century's key literary figures with Olivet College.

Maurice Hungiville, assistant professor of American Thought and Language recently uncovered eight letters by the late Ezra Pound written to individuals at Olivet College.

He made the discovery while conducting research at Olivet for a forthcoming book, "Writers in Residence," about poets and novelists who taught on college campuses.

In an article in the November issue of American Literature, Hungiville explains that in 1937 author Ford Madox Ford, a writer-in-residence at Olivet from 1937-1939, tried to recruit Ezra Pound as a colleague.

Ford, according to Hungiville's research, had found at Olivet "the financial security which had so long eluded him in Paris and London." He wrote to Pound in 1938 inviting him "to stroll for eight months of a year — or several years — about the philosopher's groves of Olivet."

Pound never accepted the Olivet position, but "his sense of himself as an educator and his interest in Olivet" were revealed in two of the eight letters which Hungiville found. One was written to Joseph Brewer, Olivet president at that time, and the other was written to some Olivet students for a campus publication.

In them, Pound said the U.S. should feed 50 or 100 of our better authors" and condemned universities which do not "sharpen the student's perception of the state, nation and social order" as it exists when the student is in college.

He closed his letter to the students by telling them: "The real educator is the man who arouses your curiosity."

While Ford was at Olivet, the college, under the leadership of President Brewer, was a center for the arts with musicians, artists and authors visiting regularly. Included among the literary visitors were Carl Sandburg, Katherine Anne Porter and Sherwood Anderson.

Although Pound was a native of Idaho, he spent most of his life in England or Europe. He is considered a controversial figure because of his support of Hitler and Mussolini. However, critics agree that he was among a half dozen writers — including Yeats, James Joyce and T.S. Eliot — who turned the course of English and American writing from the Victorian to the modern. He died Nov. 1 at the age of 87.

For his book, Hungiville has also researched Faulkner's tenure at the University of Virginia, Randall Jarrell at the University of North Carolina at Greensboro, Robert Frost at the University of Michigan and Delmore Schwartz at the University of Syracuse.

Hungiville, who recently presented the eight Pound letters to Olivet College, feels they are quite valuable since some are hand written. Eight Hemmingway letters sold for \$16,000, he noted. Yale University has the major collection of Pound letters.

Hungiville still wishes to talk with Olivet alumni who studied under Ford and the other writers who visited the campus.

## ROTC recognizes King



Assistant Provost Herman L. King received the Army's Patriotic Civilian Service Award from Col. Jean P. Burner, professor of military science, during the fall term Army-Air Force Commissioning Ceremony in the Kellogg Center Auditorium. The award was presented in recognition of his efforts as chairman of the University's Military Education Advisory Committee from September, 1969 through June, 1972. The citation read in part: "His unwaivering support in troubled times and his invaluable guidance and leadership have contributed immeasurably to the success of the Army Reserve Officers' Training Corps Program."



# Job prospects brighten for '73

A more promising job market for 1973 college graduates is the New Year prediction of Placement Director John D. Shingleton.

"The employment slump that has plagued college graduates the past few years is disappearing and a definite



JOHN SHINGLETON

upsurge in employment opportunities is taking place," said Shingleton.

"June graduates will be especially desirable if they majored in high demand fields like engineering, business and the health professions," he said. "There will also be a strong demand for those with undergraduate degrees in

technical fields and masters degrees in business administration," he added.

"At the opposite end of the employment scale are low - demand areas like education, social science, and liberal arts disciplines.

"Graduates in these areas will have a difficult time finding employment because the supply far exceeds the demand."

## Salaries

Starting salaries for this year's graduates will be about two percent higher than last year's grads according to Shingleton. "In the past," he said, "salaries have increased about five percent per year, but they are leveling off now."

This leveling off is partially due to employers' efforts to eliminate the "compression problem," which resulted from starting salaries for new college graduates increasing approximately the same amount as the salaries of experienced employees. "Consequently," he explained, "experienced employees, who are more valuable to the employer, were not being adequately rewarded for their longevity."

## Minority Employment

"Minority recruiting programs are still in full bloom at the major corporations," Shingleton noted.

"However, corporations will be more

exacting in their qualification requirements. They are focusing on filling a specific need rather than establishing quotas."

## Opportunities for Women

"There has been a marked increase in the demand for women in business and industry, but women have created some obstacles for themselves in this regard."

"Traditionally," said the MSU placement director, "women have not trained for the work that is in demand. Although this trend is slowly changing, the present demand for women in business and industry is not being met."

## Trends

"Employers are requesting more co-op programs with colleges and universities because these programs make the student far more marketable upon graduation," said Shingleton. "They also give the student a good opportunity to apply theoretical knowledge to practical situations."

Increasing emphasis is also being placed on the graduate's working experience during his college years. "Employers want to know if the student was employed? If so, was the job related to his major?"

"Work experience gained in college makes the transition from college to the world of work easier for the graduate,"

said Shingleton. "It also makes him more desirable to employers."

## Career Planning

"An increased awareness of career orientation," he points out, "is necessary on the college level if students are to compete successfully in the job market."

"This means faculty, counselors, and advisors must keep in mind that ultimately the student must compete in the job market and he must be prepared to do so."

College graduates, he said, are beginning to realize that:

\*A college degree is not the ticket to job security that it used to be.

\*Not everyone has to go to college to be a success and lead a rewarding life.

\*The training college graduates receive — especially in the liberal arts fields — is often inadequate in the world of work.

"Consequently, there is a great need for more realistic, career oriented counseling on the college and high school levels," said Shingleton.

BY CYNTHIA STANTON

## New hours set

The MSU Bookstore has new hours as of Jan. 2. The store hours are 7:45 a.m. to 4:45 p.m., Mondays- Fridays. The bookstore is closed on weekends.

## Community supports WKAR

A monthly program guide to all broadcasts and telecasts of WKAR AM-FM-TV has been made available to those who make a minimum contribution to People for Public Broadcasting, an informal group formed earlier this year to provide citizen support for the University's public broadcasting facilities.

The 48-page publication, begun in October, provides a notated guide to WKAR AM-FM-TV offerings along with feature coverage of special programs to be broadcast during the month.

Contributions to People for Public Broadcasting can be made through the MSU Development Fund. Contributors to the All University Development Fund campaign can designate their gifts to the group.

A contribution of \$15 or more will entitle the donor the receive the program guide for a year. To acquaint University personnel with the guide, a complimentary copy of the February issue will be made available to those who send in the coupon below, or who request the copy by calling 355-6540 or 355-2300 during normal working hours.

The program guide is only one activity of People for Public Broadcasting in support of WKAR AM-FM-TV.

The group also acts in an advisory capacity to the radio and television stations, suggesting areas of interest and concern to which the stations might direct their programming efforts.

Its members form the vanguard of fund raising efforts to improve and expand public broadcasting in Mid-Michigan, and offer their services to the stations in such areas as typing, filing, distributing promotional material, and answering phones on call-in programs.

Please send a complimentary copy of the WKAR-AM-FM-TV Program Guide to:

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

Zip \_\_\_\_\_

Send coupon to: PEOPLE FOR PUBLIC BROADCASTING  
WKAR-TV  
CAMPUS

## No lottery tickets to be sold

The sale of lottery tickets on campus will not be authorized, according to Executive Vice President Jack Breslin.

He said that administrative problems involved in monitoring or supervising on-campus sales outweighed any small financial profit which might be realized or any special convenience to potential purchasers.

Breslin said the decision also included a small snack bar in the Administration Building whose

proprietor had a lottery license.

"This limited eating facility is provided solely for the convenience of building employees," Breslin said. "The public sale of lottery tickets there could encourage even more traffic in an already-overcrowded building."

Students and University staff have ample opportunity to purchase lottery tickets at many outlets in the immediate vicinity of the campus, he noted, and the University decision should not pose any hardship.

## New office head seeks to unclutter career paths

"It's very frustrating for an employee not to be able to see a career path," Joan Smith, assistant director of compensation and evaluation services, said in a recent interview.

"Job status should be well defined and the steps up clearly outlined.



BY  
JANICE  
HAYES

Employees should be made aware of other job possibilities.

"The broader knowledge you get of the University, the more you realize what it has to offer. The A-P study, to be completed in January, should help to define those career paths," she continued.

Mrs. Smith experienced quite a jolt in her own personal career path. She was hired as a compensation analyst on August 7th. For three weeks she worked with the newly-created division of compensation and evaluation services interviewing employees for the A-P study.

Then, the position of assistant director of compensation and evaluation services opened unexpectedly and she was chosen to fill it.

"I had expected to work hard, do my best, have my potential recognized and then be promoted. It was kind of frightening for it to all happen in three short weeks. It would have been a big step for anybody on such a newly created staff to move up," she said.

A former teacher and psychiatric technician, Mrs. Smith first worked at the University as a psychometrist in the Counseling Center. She was in charge of running the testing office in the counseling center which included working with Veterans and Summer Orientation Testing programs.

With a B.A. in psychology and an M.A. in measurement evaluation and research design from MSU, Mrs. Smith was looking for a challenge. Her new position has provided just that.

"There's so much happening with personnel, staff benefits and workmen's compensation. This office will really do something that's been needed for a long time," she continued.

"A new point-count system will fill in more information about each job classification. On one side of campus a person classified an AP-3 might be doing a particular job function. On the other side of campus someone classified an AP-5 might be doing the same job. These should be uniform.

"Until you have a centralized bureau and a centralized rating system, it is hard to eliminate duplication. Every person gives flavor to his job and thinks he's unique. But when you look closely at what his function is, adding or enumerating different parts of the job, others are similar," she said.

Mrs. Smith explained that after the AP study is completed, the office will look at all groups and individuals. They will go out and audit new positions and help to re-structure old ones.



JOAN SMITH



# Students are challenged in wilderness survival

Sometimes women fare better than men!  
At least that's what a week on an island in Lake Michigan indicated.  
The week, however, wasn't staged to

pit man against woman. It was both of them against the environment. In the case of this outing in 1972, the environment won, women placed second, and men were third.



Photo by Bob Brown

Building a campfire is one way to survive the wilderness, according to instructor Paul Risk (right). Risk is assisted in his task by students in the wilderness survival course.

## MSU Positions Available

**IMPORTANT:** Administrative-Professional and Clerical-Technical applicants should contact the Employment Office at 353-4334 by January 3, 1973 and refer to the vacancy by the position number. Instructional staff applicants should contact the department noted.

### FACULTY

Asst. Prof. of English (Ph.D.) in order of priority: Popular Culture, ability in American literature, media, folklore; or Renaissance, emphasis in Shakespeare, ability in theatre production, non-rhetorical aspects of language; or English Education, with ability in applied linguistics. Effective Sept. 1, 1973. Dean Richard E. Sullivan, College of Arts and Letters.

Extension Program Leader, Resource Development (M.A. in Resource Development or related field; at least five years experience in Mich. Cooperative Extension Service) Ability to relate to all levels of Cooperative Extension Administration and State Planning Division personnel; positive leadership ability; effective communication skills; understanding and sensitivity to political processes required. Gary M. Glazier, Cooperative Extension Service

Asst. or Assoc. Prof. of Metallurgy (Ph.D.) background in Physical Metallurgy with preferred research specialty in Phase Transformations or Cast Metals. Robert Summitt, Chmn., Dept. of Metallurgy

Asst. Prof. of Audiology (Ph.D.) Area of specialization: Rehabilitative Clinical Audiology; Language Development, Behavior; Disorders, and application of linguistics to communication disorders. Duties and Responsibilities: Supervision of clinical practicum in audiology, teaching preprofessional basic courses, and should show evidence of research competency. Leo V. Deal, Chmn. Dept. of Audiology & Speech Sciences

### CLERICAL-TECHNICAL

#### 110. Microbiologist VIII

BS degree in one of the subsistence areas of microbiology, or equivalent education and training via experience. Aptitude in the preparation for and teaching of laboratory courses, and in laboratory research. Competence in the subsistence area in which will be engaged. Ability and personality to supervise graduate student assistants and technical or labor staff, and to interact with students, also organize own and others work; willingness to work irregular hours if research schedule requires this. Two positions. available. \$7,473-9,576

#### III. Laboratory Technologist "J"

(BS degree in one of the biological sciences) Prefer candidate with experience in plant biochemistry or horticulture. Must be capable of laboratory research with minimum of direct supervision. \$3.60 hour

112. Programmer Trainee "I" Aptitude for data processing. \$3.27 hour

113. Laboratory Technologist "I" (Bachelor degree desirable but will accept two years of college training.) Chemistry lab courses and lab experience necessary. Temporary position for 6 months. \$3.27 hour

Asst. Prof. of Speech Pathology (Ph.D.) Areas of specialization: stuttering and behavior modifications through operant conditioning as applied to speech and language disorders. Duties & responsibilities: will involve teaching undergraduate courses and supervision of clinical practicum and should show evidence of research competency in area of specialization. Leo V. Deal, Chmn. Dept. of Audiology and Speech Sciences

#### 114. Senior Medical Technologist IX

Responsible for setting up a laboratory in the outpatient clinic of the Hypertension Detection and Follow-up Program. Responsible for the efficient operation and supervision of all laboratory procedures performed. In addition, will be responsible for supervising the transport of specimens to the program's central laboratory in Chicago and for recording the results of all laboratory examinations in the clinical records on all patients. Laboratory procedures to be performed in the clinic laboratory are: 1. urinalysis (gross and microscopic); 2. hematocrits; 3. white counts and differentials; 4. urine culture by the dip-slide technique; 5. 24-hour urines for sodium, potassium and creatinine; 6. peripheral renin activity. \$8,384-10,418  
Departmental Secretary V (6 vacancies) \$6,267-7,389  
Senior Clerk IV (1 vacancy) \$5,735-6,926  
Clerk-Stenographer III (1 vacancy) \$5,511-6,562  
Clerk-Typist II (3 vacancies) \$5,440-6,422  
Research Aide (12 vacancies) \$2.85 - 3.20 hour

Employees desiring consideration for these positions must contact the Employment Office at 353-4334 by the closing date of January 9, 1973. Please refer to vacancy by position vacancy number.

MICHIGAN STATE UNIVERSITY IS  
AN EQUAL OPPORTUNITY EMPLOYER

Paul Risk, instructor of Park and Recreation Resources, said the island adventure was the culmination of the department's wilderness survival course. Another such outing is being planned for this summer.

The survival course, according to Risk, is to teach students, most in park and forest service curricula, how to survive in the wilderness equipped only with such basics as knives and axes.

Students learn to construct shelters and set traps to catch small game. Additionally, they learn which roots and plants are poisonous and which are edible.

The summer outings are arranged for approximately 20 selected students. Other students take a day-long field trip to Rose Lake to practice skills learned in the classroom through television lectures and slides.

Risk, who has seven years experience with the National Park Service, directs the department's environmental interpretation option for student majors.

The wilderness survival class, which is part of the option, is designed to build into students natural pioneer traditions.

The 1972 summer outing was planned as a two-week experience. "But we had to radio the Coast Guard to pick us up after one week, because the group was starving."

The group consisted of seven male and four female students who were existing on only 100 calories each per day, said Risk.

"The problem was that the students didn't get organized immediately which is a very important part of survival," he said.

Additionally, according to Risk, it is necessary for there to be 16 traps per person to insure catching enough small game to survive. "The students only constructed 15 traps for the whole group."

He added that the females fared better than the men. "I think this was because they didn't have anything to prove, whereas the guys had to project he-man images. This resulted in less stress on the girls," he said.

Risk explained that the outing was a good experience for students because they learned from their mistakes.

Risk has had other experiences in wilderness survival. During the past summer, he spent two weeks with the U.S. Air Force in the jungles of Panama in tropical survival training, and according to Risk, he loved it.

Culmination of the training was three days in the jungle with only a machete and first aid kit. "It was amazing terrain, mostly swamp areas, and it was constantly raining," he said.

Risk said the jungle provided food of monkey, Yucca roots (similar to sticky potatoes) and taro plants. "I really enjoyed the food and gained five pounds," he said.

According to Risk, he is planning to spend a week in February in Alaska in an Arctic survival course, also through the Air Force.

The environmental interpretation option was established by the department to provide communication skills to students in park management.

Risk explained that it is necessary that park officials influence a positive environmental attitude to those visiting national and private parks and nature centers. "This is so that people can have an ecological overview of the environment," he said.

According to Risk, the appreciation of the environment can only come when park and nature center officials can relay the message.

The option provides students with a chance of preparing effective interpretation through slides and tapes, brochures, and other media. "The students are taught to modify the technical language of the land into the non-technical to assure more public awareness and sensitivity," he said.

He explained that when people understand the environment, they appreciate and protect it better.



BY  
SANDRA  
DALKA

"The quality of the experience that people have in these areas depends upon the environmental interpretation they receive," Risk said.

He also explained that people visit parks and nature centers not to be educated, "but for recreation and 're-creation' and to feel better."

Risk added that students under the option are required to take a beginning acting class. "This gives the students a chance to experience emotional overtones that will be effective in communicating in their field," he said.

Currently, the department has 35 undergraduate and 10 master's degree students going through the program.

## Math and stat departments offer assistance

The two University departments most concerned with the esoterica of numbers have devised programs to share their expertise with colleagues and students throughout the campus.

The Department of Statistics and Probability and the Department of Mathematics have instituted consultation services available free to MSU students, faculty and staff.

The Statistical Consultation Service is operated by the Department of Statistics and Probability in conjunction with Applications Programming, a self-supporting group of professional computer programmers and analysts on campus. It offers assistance in:

\*Designing experiments from a statistical viewpoint

\*Choice of appropriate statistical techniques

\*Information on available programs

\*Stochastic models

Headquarters for the Statistical Consultation Service is Room 301 Computer Center. Appointments can be made by calling 355-9859. Walk-in hours are 1-3:30 p.m., Monday, Wednesday, and Friday.

The Mathematics Consulting Service (MaCS) is manned by members of the Department of Mathematics who have volunteered to consult on an informal basis with students and members of the faculty.

A list of mathematics faculty who have volunteered their services is available from the Departmental office, 207 Wells Hall. Questions about MaCS or help in contacting one of the volunteer faculty members can be directed to Charles P. Wells, 355-9682; Dennis R. Dunninger, 353-4484; or Marvin L. Tomber, 353-8495.



# ... How MSU ranks in enrollment

(Concluded from page 1)

freshmen and sophomore "pre - vet" majors.

John P. Newman, assistant dean of veterinary medicine, said that the growth is in part an indication of the continued favorable job picture for veterinarians. But he noted that the heavy influx of first and second - year undergraduates will make for especially stiff competition among those seeking to enter the professional vet medicine curriculum. The program now admits 155 students each year, 10 more than it had been admitting.

Enrollment in human ecology jumped this fall by 14 percent, to 1,976 students. Acting Dean Robert R. Rice said that recent organizational and curricular changes have made the college more appealing to students, especially men.

Rice said that increases have come in all departments of the college, a sign of renewed student concern for the family, and growing interest in the environment and in consumer affairs.

The College of Agriculture and Natural Resources showed a gain of nearly 8 percent this year (to 3,256).

Over the past two years, reported Assistant Dean David L. Armstrong, enrollment in the college has jumped by more than 20 percent, due in part to student interest in the college's offerings relating to food systems, public affairs and the environment. But he added that the more traditional agricultural fields of horticulture and animal husbandry also have registered significant gains, with the latter doubling in enrollment since 1969.

Most of the enrollment decreases at MSU have come in areas closely involved in teacher preparation.

Enrollment in the College of Education itself declined by 9.5 percent this year, largely because of the college's self - imposed quotas in most education majors. The College of Arts and Letters showed a decrease, as did the College of Engineering.

Kenneth Harding, coordinator of undergraduate student affairs in the College of Education, said that the quotas in his college represented a "concerted effort" to cut down enrollments that in years past had been "beyond our control."

The quota system has proved largely beneficial, he said, because it has forced students to indulge in some serious career appraisals, and it has reduced the college's numbers to a more manageable size. Education remains one of MSU's largest colleges with some 5,500 students.

Harding warned, however, against overreaction to reports of a national

teacher surplus. He said that it is unwise for students in high school to be advised against seeking teaching careers, because there are still needs in most fields.

The engineering profession isn't experiencing the job shortage it once was, but many think it is. And this accounts in part for the drop in engineering enrollment, said Assistant Dean George Van Dusen. But he also cited some other factors: many high schools are loosening their science and mathematics requirements so fewer students are taking these courses, and there is a general feeling that technology is a "bad guy" responsible for many of today's problems.

Richard Sullivan, dean of the College of Arts and Letters, said that much of the enrollment drop in his college (from 4,227 to 3,814) can be traced to fewer teacher candidates, who make up about half of the arts and letters students.

Sullivan acknowledged a general national feeling that arts and letters is not a good vocational field. And while he said that some disciplines in the field need to find newer and better ways of presenting themselves, he emphasized that the liberal arts are really what a university should be all about.

"There must be a significant part of a university that tries to liberally educate people regardless of their vocational aims," Sullivan said. "And if it fails to liberally educate, it loses its fundamental purpose as a university."

An assistant dean of the College of Social Science, Baljit Singh, noted an enrollment decline in social science, related partially to a drop in the number of social science teacher candidates. But he added that some areas in social science have shown enrollment jumps —

notably criminal justice and urban planning.

Singh concurs in the belief that the nation is preoccupied with the vocational aspects of a university education.

But it is not enough to teach students "how to build a highway or a bridge," Singh said. "They need to know how

that highway or bridge is going to affect the lives of people."

He added: "We need to recognize that the development of the critical abilities to deal with problems in a rational and scientific way is a lifelong process" — not something to be mastered in four, six or eight years at college.

BY GENE RIETFOR

## Open enrollment ends

The University has completed the enrollment of almost 1,500 clerical-technical and labor employees who for the first time are eligible for participation in the TIAA-CREF Retirement Annuity Program.

The eligibility and participation rules for clerical-technical and hourly employees briefly state that 1) those who are between the ages of 35 and 55 with 3 years of service are required to participate, 2) those with 3 years of service may participate in the TIAA-CREF program at any age, and 3) clerical-technical and hourly employees over 55 as of January 1, 1973, may optionally enter the program.

The new TIAA-CREF program has been designed so that all employees will be guaranteed a larger pension in addition to specialized features never before possible under the "old" plan. Employees do not "start over" but are assured that the years of service they have previously worked do count toward their retirement.

TIAA-CREF deductions for almost 1,500 University employees will commence for those on the hourly payroll on January 19 and on January 31 for those on the salary payroll.

Employees will notice that only their personal deduction (3%) will appear on their check stubs. The University's 6% contribution will be shown, along with the individual's, on a year-end statement sent to the employee by the University. TIAA-CREF will also send an annual statement.

Individuals who have "tax-deferred" their contributions will notice their deductions showing on lines 2 and 3 of their check stub. Employees not tax-deferring will see their deductions in the "itemized deduction" section (lines 4 and 5).

Questions concerning the TIAA-CREF program should be directed to the Staff Benefits Division, 344 Administration Bldg. 3-4434.

## Broader opportunities sought for women

Two MSU economists have called for broader academic opportunities for women economists and for more female economics students.

Walter Adams, distinguished university professor of economics, and Collette Moser, assistant professor of agricultural economics, spoke at the Allied Social Science Associations



BY  
JANET  
MARSH

convention in Toronto last week. They both serve on the American Economic Association's 10-member Committee on the Status of Women in the Economics Profession.

In a preliminary report, the committee decided to focus on colleges and universities, where it believes there is more discrimination than in business and government.

The report says that of 239 departments of economics with 3,125 full-time faculty members, 122 had no women on the faculty. Of all the economists in these departments, 6 per cent are women. The report says that 14 per cent of the federal economists are women.

Adams accused some faculties of "embracing policies to make affirmative action plans fail and of precluding the abandonment of affirmative action and a return to the 'free market'." He also criticized "bad faith" searches for women economists when colleges and universities pad their interview lists with

women candidates, but fail to hire any, using the excuse that none was qualified.

Hiring practices, he said, are informal and the majority of colleges rely on the information network of the "Old Boys Club."

Adams turned the tables on excuses sometimes used to justify not hiring women and drew laughter as he listed comparable reasons for not hiring men. Single men, he said, are lonely, distracted, fit badly into the social life of the job and are discontent.

On the other hand, he said, a married man may have a demanding, oppressive wife or an amiable wife who needs help with the household chores because they have too many children.

Adams added that men shouldn't be hired because they are suffering from that middle - age disease, "male menopause."

Miss Moser focused on equal salaries, fringe benefits, facilities and resources for men and women of the same position and rank. "Where inequities are found, remedies may range from giving the woman assistance with 'upgrading' herself (through sabbatical leaves, etc.) . . . to back pay (ideally, with interest) where clearly a department has paid the women faculty less than what they paid comparable men."

She also called for economics departments to investigate health and life insurance plans and pensions and to work to eliminate differential treatment of men and women. She cited the TIAA-CREF pension plan as a case in point. She also urged the association to encourage the development of "sex-blind" benefit system.

Finally, the MSU faculty member

urged that women be encouraged to do more research, to take research leaves of absence, and to apply for grants. "Due to societal socialization, many women feel that their best talents are in the teaching area, and they are not enthusiastic about research opportunities," she said.

The committee is the result of a set of resolutions adopted in 1971 by the American Economic Association to eliminate sex discrimination among economists in all fields, including academe, business and government.

According to Miss Moser, the committee on the status of women hopes to finalize its guidelines and officially present them to the association next month.

Other members of the committee are Chairman Carolyn S. Bell of Wellesley College, Martha O. Blaxall, Office of Management and Budget; Francine Blau, Trinity College; Kenneth Boulding, University of Colorado; Barbara Reagan, Southern Methodist University; Myra Strober, Stanford University; Phyllis Wallace, Metropolitan Applied Research Center; and John Kenneth Galbraith, Harvard University.

MSU participants in other phases of the convention were Warren J. Samuels, Mordechai Kreinin, Jan Kmenda and Thomas G. Moore, all professors of economics; Dale E. Hathaway, chairman of the Department of Agricultural Economics, Paul B. Ginsburg, assistant professor of economics and health service education and research; Benjamin W. Wolkinson, assistant professor of labor and industrial relations, and Harry M. Trebing, professor of economics and director of the Institute of Public Utilities.

The three-day convention attracted 8,000 people.

## Books

GEORGE BERTSCH, associate professor of physics, has written a new graduate level physics textbook titled "The Practitioner's Shell Model." Publisher of the book is North Holland of the Netherlands.

JOHN H. FERRES, associate professor of American Thought and Language and Lyman Briggs College, is the editor of a volume of 18 critical articles on Arthur Miller's play "The Crucible." The volume, and an added scene by Miller, is the latest in the "Twentieth Century Interpretation" series released by Prentice-Hall, Inc., Englewood Cliffs, N.J.



# BULLETINS

**BOSSES LUNCHEON** Members of the MSU Business Women's Club are urged to reserve noon May 17 for the annual Bosses Luncheon at Kellogg Center.

**GRIEVANCE PROCEDURE** The Interim Faculty Grievance Procedure, a supplement to Faculty Handbook 1971-72, is being distributed by the Office of the Provost. Additional copies are available by written request to Kermit H. Smith, Office of the Assistant to the Provost, 310 Administration Bldg.

**TROPICAL STUDIES** The MSU Tropical Studies Group will meet at 12:30 p.m., Wednesday, Jan. 10 in 204 Center for International Programs. Norman McCullough will discuss "The Possibilities of Disease Appearing in Persons Returning from the Tropics."

**COMPUTER COURSE** The Computer Institute for Social Science Research is offering a no-cost, non-credit course in data processing in social science research during winter term. The course, which begins Thursday, Jan. 4 and requires no formal registration, will be held from 11:30 a.m. to 12:20 p.m. Tuesdays and Thursdays in 313 Computer Center. Questions concerning the course may be directed to the Computer Institute, 3-2040.

**MISSION 100** WKAR-TV and radio has challenged WJIM-TV and radio to a blood drive on Friday, Jan. 5 from 12-6 p.m. at the WKAR studios. All area residents, including MSU faculty and staff, are invited to cast a vote for their favorite station in addition to giving blood. The goal is 100 pints representing each station.

**STEERING COMMITTEE** The Steering Committee will meet at 3 p.m. Monday, Jan. 8, in place of the originally scheduled Jan. 2 meeting.

**ACADEMIC COUNCIL** The meeting of the Academic Council which was scheduled for Jan. 9 has been changed to 3:15 p.m., Tuesday, Jan. 16 in the Con Con Room. Coffee will be served at 2:50 p.m.

**NOVEL GROUP** Members of Faculty Folk and New-comers are urged to join the novel discussion group at 8 p.m. Tuesday, Jan. 9. The "Golden Notebook" by Doris Lessing will be considered at the home of Helen Grubbs, 655 Stoddard, East Lansing. For information, call Barbara Nelson, 351-8672.

**WOMEN'S IM HOURS** During winter term, the Women's IM Building will be open from 6 to 10 p.m. Mondays through Fridays, noon to 8 p.m. Saturdays, and 1 to 8 p.m. Sundays. Activities on Saturdays and Sundays are co-rec. Pool hours for winter term will be 11:30 a.m. to 12:45 p.m. and 5 to 9:50 p.m. Mondays through Thursdays, 11:30 a.m. to 2:30 p.m. and 5 to 9:50 p.m. Fridays, noon to 7:50 p.m. Saturdays, and 1 to 7:50 p.m. Sundays.

**WRITING COURSE** An advanced writing course designed specifically for doctoral candidates will be offered winter term by the School for Advanced Graduate Studies. The course, which carries no credit and requires no fee, will be taught by Herman Struck. Beginning Jan. 18, classes will meet each Thursday from 7 to 9 p.m. for six weeks. Interested students may obtain application forms from Mrs. Wickham in 143 Snyder or by calling 3-3853. The deadline for submitting applications is Jan. 12. For information call 3-0758 or 3-3853.

# CONFERENCES

- Jan. 5-6 Michigan Veteran's Training Seminar
- Jan. 7-12 Clark Equipment Supervisory Development Program, Gull Lake
- Jan. 8-12 Institute for Water and Wastewater Utility Management
- Jan. 9 Michigan Silo Conference
- Jan. 11-12 Job Enrichment Seminar

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.

# SEMINARS

## THURSDAY, JANUARY 4, 1973

Korea as a labor surplus economy. Roger A. Sedjo, Agency for International Development, 3:30 p.m., 312 Agriculture. **Agricultural Economics.**

## MONDAY, JANUARY 8, 1973

The nature of the membrane receptors for prolactin<sup>125</sup>I. William L. Frantz, 4 p.m., 216 Giltner. **Physiology.**

## TUESDAY, JANUARY 9, 1973

The Cooperative Extension Service at Michigan State University. George McIntyre, 4 p.m., 209 Horticulture. **Horticulture.**

Insights into the regulation of the life style of the Adenovirus. H.S. Ginsberg, School of Medicine, U. of Pennsylvania, 4:10 p.m., 146 Giltner. **Microbiology and Public Health.**

Log log law for Banach valued Wiener processes. Raoul LePage, 4:10 p.m., 405A Wells. **Statistics and Probability.**

## THURSDAY, JANUARY 11, 1973

Topology of group representations. C.N. Lee, U. of Michigan, 4:10 p.m., 304A Wells. **Mathematics.**

Synthetic sound and real music. Robert A. Moog, 4:10 p.m., Erickson Kiva. **Physics.**

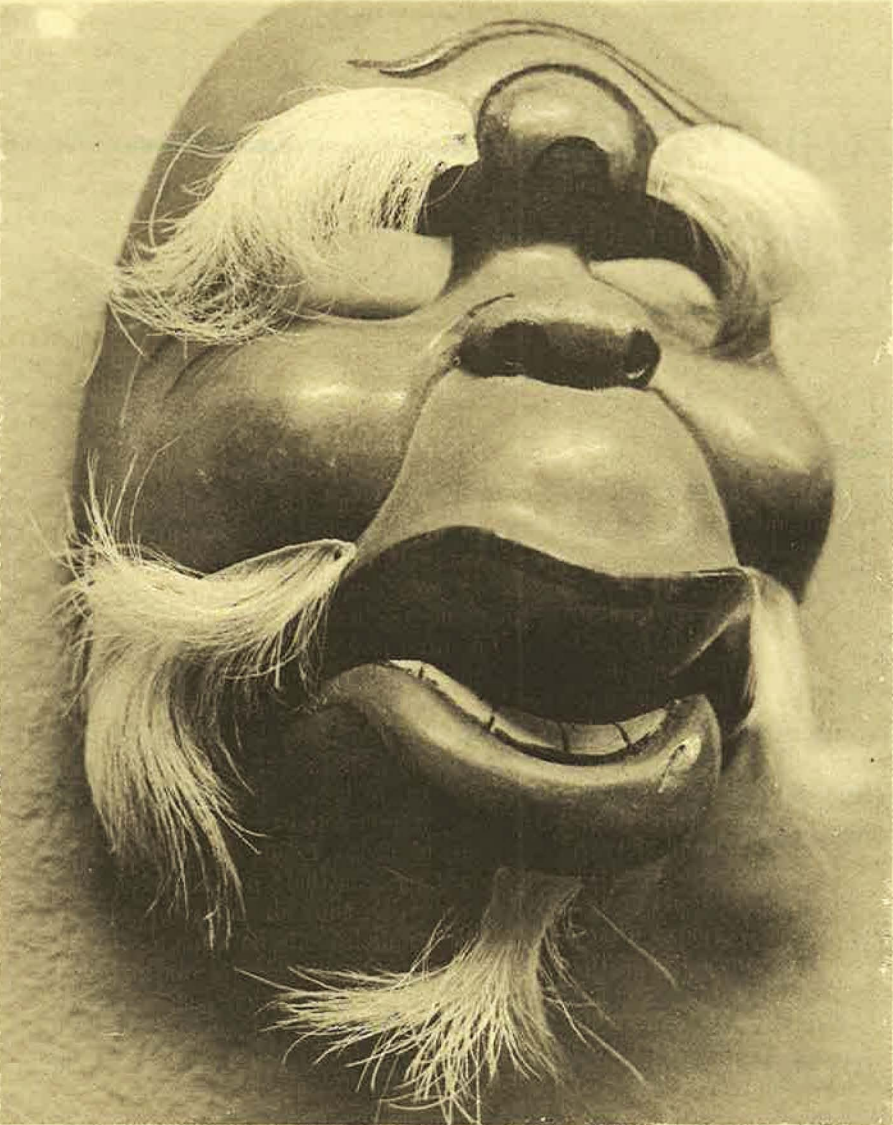
Clinical aspects of obesity. David Rovnir, 12:30 p.m., 206 Food Science. **Food Science.**

The role of the Michigan Department of Agriculture in environmental protection. Donald R. Isleib, 4 p.m., 309 Agriculture. **Crop and Soil Sciences.**

## FRIDAY, JANUARY 12, 1973

Causality. G.E.M. Anscombe, 8 p.m., 102B Wells. **Philosophy.**

Biosynthesis and metabolism of porcine blood glycosphingo lipids. Robert Tao, 9:10 a.m., 101 Biochemistry. **Biochemistry.**



Kresge Art Center offers a wide variety of exhibits for art lovers.



## FRIDAY, JANUARY 5, 1973

- 7:30 p.m. Gymnastics—MSU vs. Eastern Michigan and Ohio State. IM Sports Arena.
- 7:30 p.m. Hockey—MSU vs. Minnesota. Ice Arena.
- 8 p.m. "Little Green Men"—The theory of extraterrestrial intelligent life in the universe is the topic of a new program in the sky theatre. "Little Green Men" recognizes billions of stars which many scientists believe may contain solar systems similar to our own, and raises the possibilities of communication with life on other planets. Following the 8 p.m. shows, there will be a special presentation on the current sky followed by an outdoor observing session if weather permits. Abrams Planetarium.
- 10 p.m. "Little Green Men" (see above). Abrams Planetarium.

## SATURDAY, JANUARY 6, 1973

- 2:30 p.m. "Little Green Men" (see Jan. 5). Abrams Planetarium.
- 4 p.m. Basketball—MSU vs. Northwestern. Jenison Fieldhouse.
- 7:30 p.m. Hockey—MSU vs. Minnesota. Ice Arena.
- 8 p.m. "Little Green Men" is followed by a skywatching session. (see Jan. 5). Abrams Planetarium.
- 8 p.m. World Travel Series—The fairy-tale kingdom of "Bright Belgium," with its towering castles, scenic hills and bustling canal-crossed capital of Antwerp, is the film-and-lecture topic of this presentation by John Strong. Tickets are available at the door. Auditorium.
- 10 p.m. "Little Green Men" (see Jan. 5). Abrams Planetarium.

## SUNDAY, JANUARY 7, 1973

- 4 p.m. "Little Green Men" (see Jan. 5). Abrams Planetarium.

## TUESDAY, JANUARY 9, 1973

- 12 p.m. University Club luncheon—Victor D. DuBois of the American Universities Field Staff will speak. His topic will be "Black Africa and South Africa: The Question of Dialogue."

## TUESDAY, JANUARY 9, 1973

- 8 p.m. International folkdancing—Instruction is followed by dancing at 9 p.m. 327 M.A.C. Ave.

## THURSDAY, JANUARY 11, 1973

- 7:30 p.m. Wrestling—MSU vs. Southern Illinois. IM Sports Arena.
- 8:15 p.m. Louis Falco Dance Company—With assistance from the National Endowment on the Arts and the Michigan Council for the Arts, this dynamic young troupe will perform after a week-long residence on campus. Formed in 1968, the group of six young dancers with strong ballet and modern dance backgrounds uses musical accompaniment ranging from hard rock to Bartok. Tickets may be purchased at the Union Ticket Office, 5-3361.

## FRIDAY, JANUARY 12, 1973

- 7:30 p.m. Hockey—MSU vs. Wisconsin. Ice Arena.
- 7:30 p.m. Wrestling—MSU vs. Indiana. IM Sports Arena.
- 8 p.m. "Little Green Men" is followed by a skywatching session (see Jan. 5). Abrams Planetarium.
- 10 p.m. "Little Green Men" (see Jan. 5). Abrams Planetarium.

## SATURDAY, JANUARY 13, 1973

- 1:30 p.m. Swimming—MSU vs. Wisconsin. Men's IM Pool.
- 2:30 p.m. "Little Green Men" (see Jan. 5). Abrams Planetarium.
- 4 p.m. Basketball—MSU vs. Michigan. Jenison Fieldhouse.
- 7:30 p.m. Hockey—MSU vs. Wisconsin. Ice Arena.
- 8 p.m. "Little Green Men" will be followed by a skywatching session (see Jan. 5). Abrams Planetarium.
- 8 p.m. World Travel Series—"Hong Kong and Macao" is the topic of a presentation by Ken Armstrong.
- 10 p.m. "Little Green Men" (see Jan. 5). Abrams Planetarium.

## EXHIBITIONS

### Hidden Lake Gardens, Tipton, Michigan

On display in the Arboretum are more than 1000 tree and shrub taxa representing more than 90 genera. Open daily 8 a.m. until sundown.

### Library

The January exhibit, "The Art of Printing," shows examples of the work of outstanding printers from the earliest to modern private presses. Printing week begins Jan. 10.

### Museum

"Treasures from Two Continents" includes masks, carvings, silver crosses and other works from the artisans of Indonesia, China, Africa, and Ethiopia. They are from the Kline collection recently donated to the Museum.

### Kresge Art Center

On exhibit are forty-six prints from the collection of Western Michigan University with photographs by Roger Funk in the entrance gallery. Kresge Art Center is open from 9 a.m. to 5 p.m. weekdays, 7 to 9 p.m. Tuesdays, and 2 to 5 p.m. Saturday and Sunday.



**A MASK—One of the "Treasures from Two Continents" presently on display in the Museum.**

*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.*