

# MSU News-Bulletin

Vol. 4, No. 16

Michigan State University

FEBRUARY 1, 1973

## Closer eye on aid due to Fed ruling

Because of a recent federal government ruling that includes a student's regular campus employment as a form of financial aid, the University is instituting a comprehensive monitoring program to enable the Financial Aids Office to assess the student payroll in relation to the financial aid awarded.

Henry C. Dykema, director of financial aids, says the government claims that many students have received more money than their specified need, making closer monitoring necessary.

As a result of this ruling, the financial aids records of all colleges and universities are subject to audit by the Department of Health Education and Welfare at any time.

If the auditors find that an institution has over-awarded its students, it is liable for the excess amount. The University of Nebraska, Mississippi State University, Indiana University and Malcolm X University are some of the institutions that have already been audited and "billed" by the government for large sums of money.

This ruling is particularly hard on work study students because they will not be permitted to earn any funds beyond their specific allotments. In the past, they were allowed to become regular employees and keep their jobs after earning their allotments. The

government pays about 80 per cent of these work study funds.

Dykema said the ruling is "seminently unfair" because it applies only to students receiving federal aid while students who are on scholarships and other types of non-federal funding are free to earn as much extra money as they can.

Dykema said his primary aim at this point is formulating a policy that protects the University and gives students the best possible assistance.

"Students that have earned their allotments are being identified and asked to come and talk with our counselors," said Dykema.

"Presently, we have two alternatives" Dykema said. "We can look for new evidence in the student's financial situation that would change the need analysis, and we can examine the student's aid package for options."

An aid package may consist of work-study, a grant, and a scholarship, etc, and the student may be given the choice of continuing work and cancelling his grant or some other arrangement.

Dykema said the National Association of Financial Aid Officers as well as regional and state aid groups are trying to influence the federal government to rescind the inclusion of campus employment as financial aid for monitoring purposes.

## Agreement with college doesn't exist: Cantlon

Published inferences by a private, religious college that it is working out a cooperative agreement with MSU to include transferability of credits and use of University housing have resulted in a number of questions being directed to the Provost's Office by faculty and students.

In a statement Wednesday, Provost John Cantlon said no such agreement has been made nor is one likely.

The questions apparently stem from published statements regarding plans of John Wesley College, which is located in Owosso, to establish a "satellite campus" in East Lansing adjacent to MSU.

According to a prospectus by John Wesley College authorities, the concept is to "combine the benefits of the small, private, Christian college with the benefits of the large, public university through a program of cooperative education in contiguous campus situations."

"Such statements infer that a cooperative plan is in the making between John Wesley College and MSU," Cantlon said. "There is no such cooperative plan and no special agreement between MSU and John Wesley College."

An article entitled "Unite the Two" in the December issue of the college's publication "The Journal" further

contributes to the confusion. It could lead one to believe that MSU has agreed to the transferability of credits from John Wesley College; that the courses of John Wesley College and MSU students virtually would be interchangeable in progressing toward a degree; that MSU housing would be available to John Wesley College students, and that the college would offer a religious education component unavailable or not permitted at MSU.

"While MSU wishes John Wesley College well in its new undertaking, it is important that all fully understand that MSU's relationship with the college can be no different than with any other qualified college or university in the state," Cantlon said.

"All students enrolling at MSU must continue to meet established criteria for admittance. John Wesley College is not accredited by the North Central Association, and MSU will accept transfer of credits only on a provisional basis. Additionally, MSU residence halls may serve only MSU students.

"In other words, students attending John Wesley College will benefit from no special relationship based on any agreement or understanding with MSU, or the college's proximity to the MSU campus," he said.

In the past, MSU has accepted some

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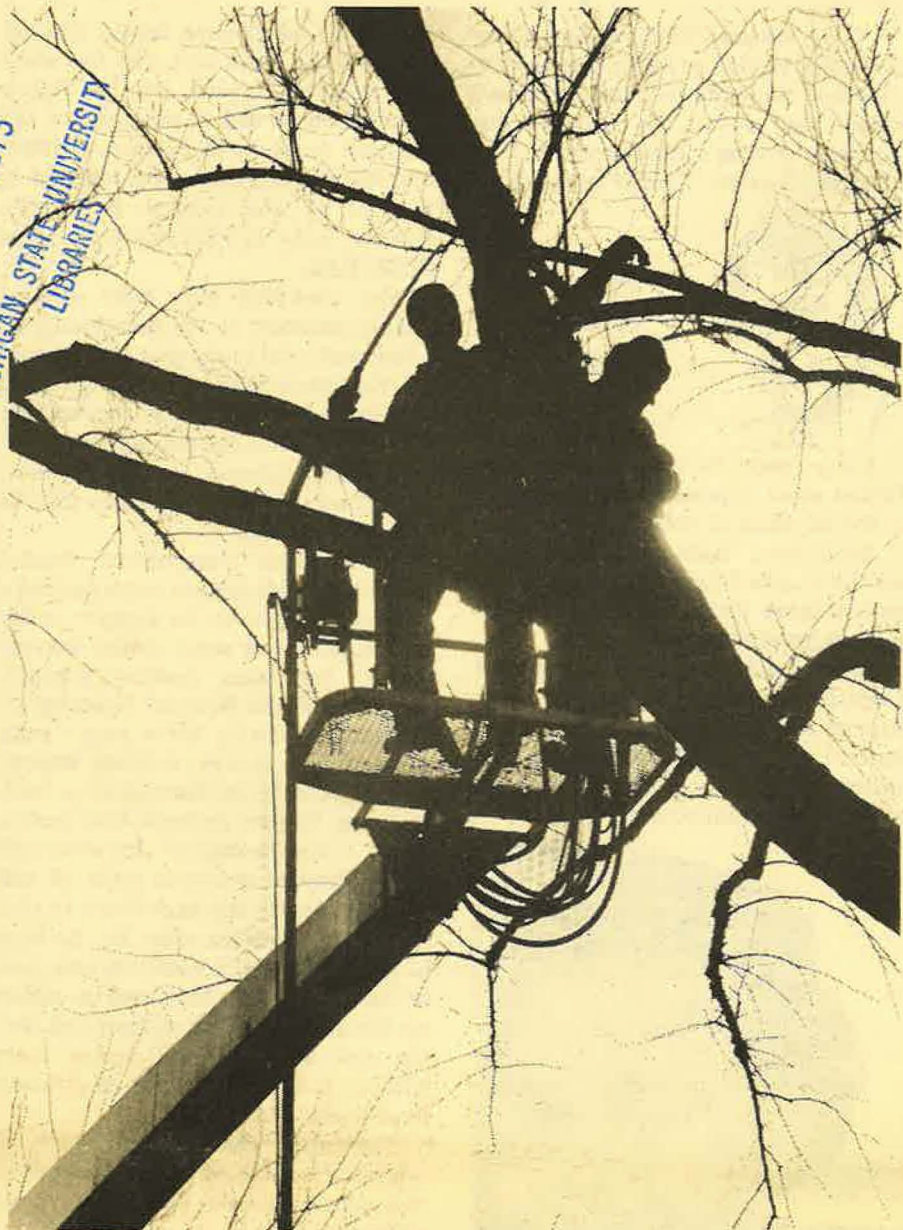


Photo by Bob Smith

Grounds maintenance crews have been taking advantage of unseasonably warm January weather to do some unseasonal work - tree trimming. Milton Baron, director of campus park and planning, said that last week's "heat wave" enabled workers to rework American elms on the campus. "The pruning has two benefits," he said. "The trees will look better, and, by having their crowns opened, they'll be better able to absorb this spring's dose of tree spray." The spray is designed to help protect the trees from Dutch elm disease.

## Long term disability available to all employees

Some employees may not know it, but they have a new staff benefit and it's not costing them a cent.

Effective Jan. 2, all regular full-time employees who were on the payroll Dec. 31, 1972, became eligible for long term disability coverage. The University is picking up the full cost of the premium amounting to \$450,000.

According to Gary Posner, director of employee compensation and benefits, the coverage, approved during the summer by the MSU Board of Trustees, is the result of collective bargaining negotiations, meetings with the administrative - professional (A-P) and clerical - technical (C-T) groups, the faculty affairs and faculty compensation committee and University concern.

"This is the first time that all full-time employees have been able to receive long term disability coverage," he said.

Faculty and A-P employees have had the option of this type of coverage since 1967, and the C-T's since 1970. However, these employees paid the

premium. "We were able to lower these premiums by 75 per cent during the five year period," Posner added.

The new long term disability plan is being made available through TIAA. Presently the University offers major medical through TIAA and retirement benefits through TIAA - CREF.

Under the plan, temporary employees, graduate assistants and post doctorate fellows or employees who have an appointment of less than nine months or who are working less than 100 per cent time are not covered.

For employees hired on or after Jan. 1, there is a one-year wait for coverage for faculty, A-P's, public safety and cooperative extension employees. There is a three-year wait for all other employees, including hourly, clerical - technical and residence hall staffs.

Benefits include 60 per cent of the first \$1,000 of monthly income plus 40 percent of the excess including Social Security and workmen's compensation payments.

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## Science notes

'Courier to Peking'  
science spy thriller

"...By the year 2000, 50 per cent of the whole world's scientific publications may well be written in Chinese. So we'd damn well better be paying close attention to what's going on there..."

Tanyard (hero of "Courier to Peking")



BY  
PHILLIP  
MILLER

Every once in a while a science fiction novel appears which is credible in the standards of today's science.

Until now, "Andromeda Strain" has set the standard for this kind of fiction with a main theme not exceeding the technology of the author's time.

But a new book by MSU author June Goodfield, "Courier to Peking," goes beyond the worn theme of threat from outer space and addresses itself to the threat which lurks amidst the delicate arena of international relations.



JUNE GOODFIELD

The book has already turned the heads of scientists and science fiction buffs. A former presidential science advisor, as well as some people concerned about the image of the National Academy of Science, have already expressed concern about possible impacts of the book. Advanced release of the book has run it into its third printing, the official publication date of Feb. 15 is two weeks off.

Professor Goodfield is eminently qualified to write such an adventure into science and political intrigue with her Leeds and Oxford background in the history of science. The MSU professor of philosophy and medicine ties together the world of fiction and fact to such an extent that the novel becomes a world of existence in itself, yet affected by real life events.

Publication of the book was delayed six months and the plot changed to fit Henry Kissinger's July 1972 visit to China.

## MSU News-Bulletin

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Published weekly during the academic year by the Department of Information Services. Second-class postage paid at East Lansing, Mich. 48823.

"I have taken some drastic liberties with history," she says. "In this story Dr. Andrew Tanyard, not Dr. Phillip Handler, succeeded as president of the National Academy of Sciences in 1969, and Mr. Richard Helms was replaced as director of the Central Intelligence Agency, early in 1971, by Dr. George Biddle Edds."

She consulted with MSU medical faculty members on the authenticity of a few facts vital to the plot of the book.

"Publishers Weekly" called the novel "thoughtful and absorbing" and said the "espionage offers exciting action..."

A starred advance review by Kirkus, a national literary magazine, said of "Courier to Peking":

"A superior parapolitical thriller promoted by ideological issues (should a scientist be loyal to his country or his profession?) and some almost current events, this takes Andrew Tanyard, president of the National Academy of Sciences, to Peking for a ping-pong game with a former, brilliant student who defected from Harvard to go back to China. He now claims to have made a great immunological breakthrough which Tanyard questions while all hell accompanies his trip back home (a CIA man shot before his eyes). By the time he gets there with a coded fortune card he realizes how he's been used (or rather his blood - to carry messages) and that the real betrayal is of course from within... It should keep you on pins and hypodermic needles."

The main character, Tanyard, is typical of some scientists in that he feels that science should be separate from politics.

"Science serves the people! That's their basic concept," Tanyard says of Chinese science. "But just consider...that in the absence of any form of democratic control - in the absence of any tradition of political

## ... Wesley

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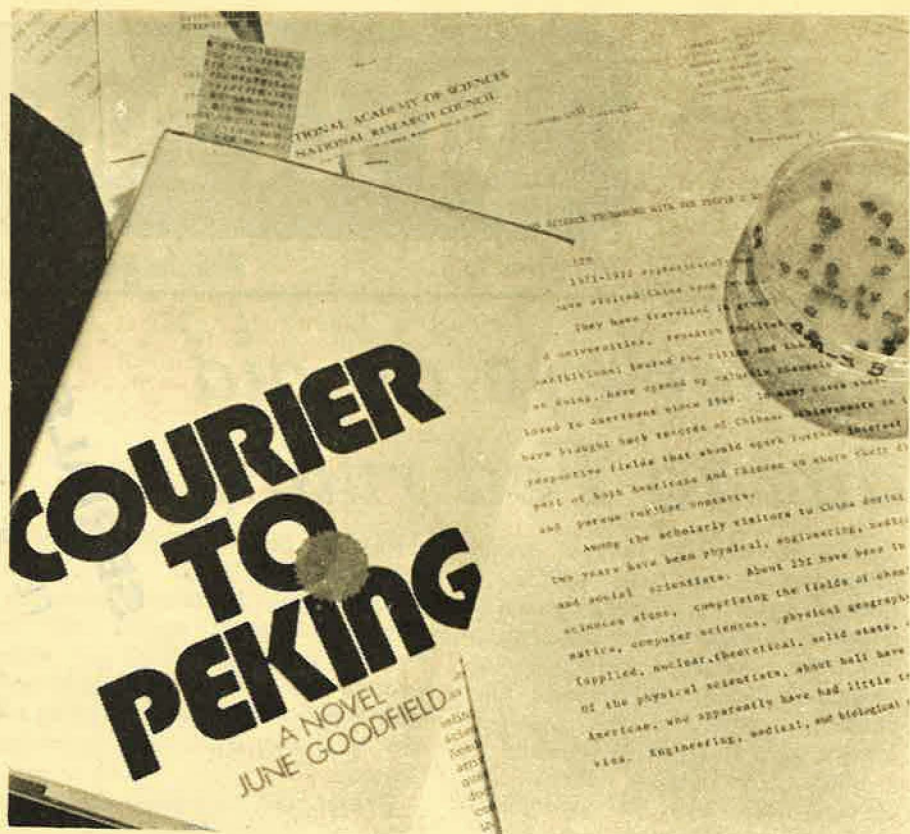
credits from John Wesley College (formerly Owosso College) on a provisional basis if students otherwise had good academic records. Credits are evaluated after students have completed a year of satisfactory full-time academic work at MSU.

"Published statements by the college that such students have numbered in the hundreds need some qualification," Cantlon said. "Our records indicate that fewer than 30 Owosso College students have been admitted in the past five years."

"Furthermore, the suggestion that a private college is necessary to provide MSU students with religious education courses overlooks the fact that MSU has offered courses through its Department of Religion at least since 1923. Some 27 courses are offered, as well as a program which leads to a bachelor of arts degree with a major in religion. Also, MSU students have a wide variety of opportunities to participate in religious organizations and activities."

The provost went on to say, "We regret any statements made which can lead to confusion over a purported understanding or agreement between MSU and John Wesley College."

"However, it is important that MSU's position be clearly expressed in order that students and faculty have a full understanding of the situation."



freedom - it would be so easy to pervert that service... Who decides what the people want? Who is to decide what's good for them? It's so nice to be spared the trouble of going through democratic procedures..."

Tanyard, the National Academy of Science director, is reminded by Edds, the CIA director, that: "...The possibility of practicing...(science)...at all depends upon the existence of a stable society being run by politicians and administrators..."

Central to the book is the gradual realization by Tanyard, the pure scientist, that he is being manipulated for political purposes.

The author of "Courier to Peking" was born in Stratford-on-Avon, England. Before coming to MSU, she taught at Harvard. She has a Ph.D. in history and the Philosophy of Science from the University of Leeds.

Besides authoring four books on science, Professor Goodfield has written numerous articles and was a film writer for a weekly science program on the BBC. She has produced, directed and written several award-winning documentary films.

She says of her first novel: "It's an odd sensation having one's first novel accepted at the age of 44; a feeling compounded by surprise, hope and caution; wondering whether after many years in the academic field, the prospect of a new career may be opening up, but at the same time a fear that it might be only a flash-in-the-pan."

A spokesman for E. P. Dutton & Company, the publisher, said, "If the advance rave reviews of 'Courier to Peking' are any indication, June Goodfield should have nothing to worry about."

One quote in the book from Tanyard could just as well have been the MSU science historian addressing her current class on science, medicine and society:

"We are so much an individualistic nation that our understanding of social institutions is still quite primitive. I mean that as a society, we haven't been prepared to consider how our institutions affect human beings, simply as human beings. Too much of a hurry to do things: too much efficiency demanded, too much West still to be explored. We are probably not prepared..."

## Books

JANET ALLEMAN, associate professor of elementary education, is co-author of a new book titled "Voices of a Nation: A Source Book for American History." Published by Field Educational Publications, it is designed to be used as a supplement for fifth grade social studies textbooks.

JAMES B. BEARD, professor of turfgrass physiology, has authored a new undergraduate textbook titled "Turfgrass: Science and Culture." The publisher is Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

EDWARD D. GRAHAM, associate professor of humanities, is author of "Early American-East Asian Relations,"

which appears as a chapter in "American-East Asian Relations: A Survey," edited by Ernest R. May and James C. Thompson Jr., and published by the Harvard University Press.

THOMAS GALE MOORE, professor of economics, has completed a study of the Interstate Commerce Commission and federal transportation regulation titled, "Freight Transportation Regulation." The study, published by the American Enterprise Institute for Public Policy Research, Washington, D.C., traces the history of federal transportation regulation back to the late 19th century when the Interstate Commerce Commission was created.

## ... Long term disability

(Concluded from page 1)

The coverage also includes payment of the individual's and the University's contributions to TIAA - CREF. Presently, for each dollar the employee puts into the retirement program, the University adds two.

Posner added that if the employee is not covered under the TIAA - CREF retirement plan at the time of the long term disability, he will automatically be enrolled.

Under the plan, payments will increase automatically three per cent per year.

Payments cease at age 65, at which time the individual begins to draw his TIAA - CREF pension.

Posner said booklets are now being prepared on the plan and will be distributed by the end of winter term to all employees. He added that questions concerning the coverage should be directed to his office, Ext. 3-4472.



# Around the campus: A summary

## Toastmasters honor Wharton

President Clifton R. Wharton, Jr. received a communication and leadership award from the Toastmasters International Saturday (Jan. 27) at a special toastmasters banquet in East Lansing.

Toastmasters International is a non - profit, non - partisan, non - sectarian, educational organization of more than 4,000 members in the United States, Canada and 45 other countries and territories.

"The communication and leadership award," said toastmasters district 62 governor W. R. Dukelow, "is presented annually to an individual who has effectively utilized communicative skills in his efforts to create a better society and environment within the state."

Wharton was cited for his effectiveness in dealing with students, faculty and citizens of Michigan since his appointment as MSU president in 1970, said the president of Toastmasters International Donald Paape of Calgary, Alta.

"Dr. Wharton has shown outstanding ability and achievement in communication and leadership in behalf of higher education in his university, the community, and the state," said Paape.

## 'Free Marriage' set for Fairchild

"Free Love" shocked a lot of people, but they hadn't heard about "free marriage."

Yes, a couple will really get married, free of charge, at "Weddings: Then, There and Now," the ninth annual bridal show Monday, Feb. 26, at 7 p.m. in Fairchild Theatre.

Don Dunbar, professor of floriculture, and about 100 floriculture students are conducting a search for the lucky couple now.

The bridal gown, the groom's tux, outfits for bridesmaids and groomsmen, flowers, of course, and all the other necessities will be furnished free, including a wedding reception.

The couple must, however, select the minister. They should also live in the Lansing area so they will be able to make trips for fittings.

According to Bonnie Sturgill, one of the project's student coordinators, the students felt a real wedding ceremony would give the show unusual flair and meaning.

In addition to the real ceremony, 10 different wedding scenes ranging from Eskimos to islanders will be featured at the "Bridal Show."

The "Bridal Show" is an annual project of the students in floriculture, aimed at giving them experience in setting up and organizing weddings, working with people and the creative arrangement of flowers.

Tickets for the show are \$1.25.

## Race discounted in peer ratings

When equal numbers of black and white auto workers rated one another on drive and assertiveness, and the likelihood of their becoming successful foremen, race was not a significant factor in their assessment.

Frank L. Schmidt, assistant professor of psychology, and Raymond H. Johnson, doctoral candidate in industrial psychology, writing in the February (1973) issue of "Journal of Applied Psychology," analyzed their findings in a 1971-72 study of the effect of race on peer ratings in a Detroit industrial setting.

The authors advocated further research on the determinants of peer ratings in integrated groups. One unresolved question in the Detroit study was the relationship between the levels of peer ratings and the recent exposure of the workers to training in human relations.

Two earlier studies by other psychologists, they said, showed that numerical imbalance in race representation could result in workers rating those of their own race significantly higher than other workers. When there were only a few blacks in the work group, each black usually was rating his friends, the studies showed.

In the Schmidt - Johnson study, 43 black and 50 white trainees of comparable age and educational attainment levels received both foreman training and sensitivity training before evaluating one another.

## Economists look at Phase III

Four University economists share the belief that the nation is headed into a period of rising inflation, but they disagree on how well Phase 3 will be able to cope with it.

Thomas Gale Moore, professor of economics, says that the removal of price - wage controls of Phases 1 and 2 was timely, and he contends that even more controls should be cast off.

But one of Moore's colleagues, Mordechai Kreinin, says it was a mistake to abolish mandatory controls before unemployment could be reduced to a more desirable level.

(Phase 3 removes most of the Nixon Administration's mandatory price - wage controls, except in such areas as the food, health care and construction industries. Phase 3 will rely mostly on "voluntary cooperation" to keep prices and wages in line, and it disbands the Pay Board and Price Commission in favor of a single Cost of Living Council.)

Moore is particularly critical of government regulation of the economy. "Controls are really just a sop to public opinion," he says.

He foresees a rise in inflation by the end of 1973, but it will be an inflation of demand, in which controls can't hold prices down anyway.

Moore says the government should move toward a freer economy by, among other things, eliminating import controls and dismantling farm price supports.

Three other MSU economists - Kreinin, Lawrence H. Officer and Paul B. Ginsburg - agree basically that the time is right to stimulate greater farm production by overhauling the price support program.

Under current farm policies, says Officer, "consumers aren't getting as much food as they once could for their money, and they're paying tax dollars to farmers not to grow more food."

Kreinin concurs generally with Moore's prediction of eventual demand inflation, but he argues that mandatory controls would help strike a better balance between inflation and unemployment.

"I think controls would have much less role to play if we had attained more full employment and if demand inflation had set in," he says.

Kreinin is especially concerned about the effects of unemployment, and he maintains that erasing the social degradation that accompanies unemployment is worth the cost of temporary restrictions on the economy.

Kreinin emphasizes that wage - price controls comprise only one instrument of economic policy, and he says that a mixture of instruments - and a mixture of objectives - are needed to keep the economy in balance.

He notes, for example, that one factor that may help lead to a new rise in inflation is the tremendous growth in monetary supply. He urges a modification in monetary policy to neutralize this growth.

Officer, discounts the effectiveness of controls because, he says, they don't get at the basic roots of inflation and employment.

Coping with inflation, says Officer, requires stronger enforcement of antitrust laws.

"Big companies have big profits because they have market control," he says. "The same thing applies to labor unions and their market power. Even in a time of a weak market for their services, they go on strike."

Officer urges that restraints be imposed not on prices but on the market power of big business and big labor, although he concedes that this is "hard to do politically."

Ginsburg, says it may have been premature to remove mandatory price - wage controls, but he adds that the mere imposition of controls is not as effective in fighting inflation as are fiscal and monetary policy.

Ginsburg, who is also affiliated with the Office of Health Services Education and Research, specializes in the economics of health care and worked last summer with the Price Commission.

He says that the rate of inflation in physicians' fees has been stabilized, but that, because of vague regulations, there has been less success so far in holding down rising hospital costs.

A problem facing the health care consumer, Ginsburg adds, is education - trying, for example, to measure the cost benefits of a newer, more sophisticated and higher - priced hospital service.

The challenge in the health care industry - as in most other areas of the economy - is not to cut costs, Ginsburg says, but simply to try and slow their rate of increase.



Director of Bands, Kenneth Bloomquist, rehearses the Symphonic Band, for a concert at 8:15 p.m., Wednesday, Feb. 7, which will feature multimedia effects, and a rock band as well as guest conductor Clifton Williams of the University of Miami, Fla. A leading composer for the concert wind band, Williams will conduct his "Symphonic Dance No. 3, 'Fiesta,'" and "The Sinfonians."

A work for Symphonic Band and Rock Band - "Sinfonia Sacra" by Floyd E. Werle, arranger for the U.S. Air Force Band - will feature four MSU music students who also play rock music professionally.

Bloomquist, aided by Abrams Planetarium personnel, will add multimedia effects to "Apothesis of this Earth" by Pulitzer Prize - winning composer Karel Husa. Musically, "Apothesis" describes what man has done to his planet and asks the question: "Why have we let it happen?"

The concert, open to the public without charge, will be in the Auditorium.



## 'Serving State' serves State

When dormitories and food service employees go to pick up their checks each month, they receive an added bonus: their free copy of "Serving State."

For the last 17 years, "Serving State" has served the Division of Dormitories



BY  
JANICE  
HAYES

and Food Services. It reaches 1,400 employees each month — and 100 or so others who have requested copies just because they like it.

In addition to the small staff, volunteer roving reporters supply copy on personal items for each unit and residence hall from Hubbard to the International Center to Brody.

"Serving State" is published eight times a year and averages about 18 pages per issue.

Editor, Jack Thomson explains that studies on house organs have shown that employees like to receive a variety of news including benefits of employment, policies, futures and people on and off the job.

A quick glance through the last three issues of "Serving State" shows that these studies have been taken seriously.

A page reserved for news each month gives reports on current events affecting the division. Articles such as "TIAA - CREF Enrollment Ends," "C-T Election Still Up In The Air," "Job Descriptions Standardized," or "Upholstery Shop Name Change" keep employees posted on new changes or policies.

Features such as "What is TIAA - CREF?" and "How Much Do I Make?" delve deeper into employee benefits.

According to Thompson, a "Contrast" page was developed in November because he and Joe Chavez, feature editor, disagreed on the question: "Should the division promote people without college degrees to management positions, if they are otherwise qualified?"

Both sides were presented and comments welcomed by the editor.

A log of "What's Coming Up?" lists everything from the Vienna Choirboys to sports events. A new feature of the January issue of "Serving State" includes a listing of "Important Dates to Remember (or Forget)". It reminds the reader that Feb. 3 is "Bean Throwing Day" — to help drive out devils!

Personal reports from each unit tell who got his buck on opening day and who's new on the job or leaving. A birthday computer gives all the employees and their birthdays from month - to - month.

People who give good, friendly service are featured on page three. A



Serving State staff members Charlene Achtenberg, assistant director; Sharon Austin, production assistant; Jack Thompson, editor; and Joe Chavez, feature editor, check over a lithographic plate for the January issue printed in their Holmes Hall production office.

little man, unidentified, warns "This Man Wants You" and continues, "Have you been giving outstanding service to our customers? Be careful, you might be here next."

Standard features "People We Know" and the "Serving State Portrait" are on individual personality sketches.

Thompson said that the columns titled "Five Years Ago," "Ten Years Ago," and "15 Years Ago" concerning events in the division were so popular that a new column began which features University events from "A Quarter Century Ago."

Thompson, who has been an employee of MSU since 1946, and who is currently enrolled in his 52nd term of classes over a span of 20 years, admits that he still has to go to the library to

research the happenings of a quarter century ago.

When the need for a "Contrast" page arose, it was created. So when the need for a "Safety Week" seemed necessary, that was created, too. Thompson says, "Safety is one aspect that is very important to our division and therefore to our publication."

Each month, Carl Eigenauer, the University's safety engineer, decides what the main problem has been for the past month. Then, based on that report, he creates a safety page for "Serving State."

The editorship of "Serving State" is only part of Thompson's duties as an editorial assistant. He also spends his time at Holmes Hall editing brochures, catalogs, maps and national magazine for the Association of College and University Housing Officers.

## 'Miss Mac' helps students for 40 years

There's a woman on campus who has a "PST degree" and the honorary title of "Parazologist Extraordinary, Vertebrate First Class, with Invertebrate Cluster, to be held in Perpetuity."

She's Mrs. Bernadette Henderson, who is has been known more affectionately as "Miss Mac" during her 40 years as executive secretary of the zoology department. She retires from the post Feb. 1.

Mrs. Henderson received her degree and title at a reception in her honor given recently. The "PST" stands for "Putting Students Through," and that's exactly what she has been doing since she came to the campus in 1932.

During her years in the zoology department, she has taken students home and feed them; counseled them in academic and personal matters; written to them when they served in World War II; and generally helped "put them through" college.

"The students have been my family," said Mrs. Henderson, a widow for 20 years. "It was important that they have a human element and someone to communicate with during their stay on campus."

It was because of her interest in students that "Miss Mac" wrote to more than 100 of the department's students

who were serving overseas during the war.

"I was offered jobs in industry at that time for more pay, but my husband and I decided that I was needed here at MSU so I could keep in contact with the students," she said.

It was this task of writing to students in the armed services that also got Mrs. Henderson in trouble with the federal government and a threat of jail.

She explained that she thought it would be nice for these students to communicate with each other, so she sent a list to each of them of their fellow students, their armed services serial numbers and where they were stationed.

"That way I thought that if they were in the area they could look up their fellow students," she said. But the government found out what she was doing and warned her that it was illegal to send such information through the mail as the enemy could intercept it.

Mrs. Henderson was Miss McCarthy when she took the job on campus. Her nickname is taken from her maiden name.

"I had attended Lansing Business University and decided to get a job in the area," she said. Before coming to MSU, she worked for the Farm Bureau in Lansing.

Mrs. Henderson explained that when she came to the University, then MSC, there was no such thing as a personnel department. "I was just hired by the department chairman, who was Harrison Randall Hunt," she said.

The zoology department in 1932 consisted of two full - time and one part - time faculty members and Mrs. Henderson. Today, the department has 28 faculty members.

Her duties in the department weren't just secretarial when she first began work.

"In those days I swept the floors, fed the rats and did such things as making the fly food," she said.

"You didn't mind doing these kinds of things, because they were part of your job."

But it was things that weren't part of Mrs. Henderson's job that the faculty and students will always remember her for.

The warm feelings of students and faculty toward "Miss Mac" are reflected in the stacks of letters she has received both before and since announcing her retirement.

"I'll never forget how you told me how important it was to keep in touch with my parents. Now that they are gone, I realize how much this meant to them," said one former student.

A prominent medical doctor wrote that "when I was a little lonely and a little afraid I found a little woman who told me to follow the way of diligence, confidence and love for others. I hope that everyone can find such a little lady."

Mrs. Henderson said it is very touching and nice to know that you've helped people.

She added that although times have changed the students are the same. "They still have the same problems and worries they had 40 years ago."

Mrs. Henderson said, however, the changing times have resulted in less communication.

"With the University growing so much, there is no personal communication. I am sad to see this happen. It takes away the human element."

But Mrs. Henderson continues to communicate with former students. She still entertains them with dinners, she still writes to them, and they still come to visit her. After all, they are her "family."

—SANDRA DALKA



BERNADETTE 'MAC' HENDERSON



# Center extends U's resources to UP

*This is the last of four articles to appear in the News - Bulletin this term on faculty and staff members who are full - time professionals in the area of lifelong education.*

To many people living in the 15 counties of the Upper Peninsula and the seven northern counties of the mitten, a small frame building in the shadow of



BY  
MIKE  
MORRISON

an abandoned Marquette charcoal factory serves as MSU's "other campus."

For farmers looking for ways to make the stubborn northern Michigan soil more productive, for teachers and school administrators working on advanced degrees, for homemakers, 4 - H members, law enforcement officers and many others, the Upper Peninsula Extension Center is the focal point for MSU's lifelong education efforts in the northern part of the state.

It is unique among the University's off - campus offices and facilities because it is the only regional center serving both the Cooperative Extension Service and the Continuing Education Service. Frank Molinare, who occupies the front office, wears two hats; he is extension field operations director in the area, and regional director of continuing education.

Molinare, a 1939 graduate of MSU, who earned a M.S. in 1957, has been with the extension service in his native U.P. since 1942. He has directed the extension field operations there since 1967, and donned his second hat with the Continuing Education Service in 1970.

In his extension capacity, he provides support and coordination to 14 county offices north of the straits and seven in the Lower Peninsula that are involved in five basic program areas: agriculture, marketing, 4 - H and youth, resource development and family living. Assisting him are Marquette - based specialists in agricultural economics, dairy science, consumer marketing information, crop science, resource development and forestry. They are augmented on occasion by other specialists from campus.

His continuing education function is a lonelier duty since he is the only representative of the Continuing Education Service in the U.P. It principally involves arranging for courses for local educators working on advanced degrees and for classes in other areas as needs are identified. Some of the classes are offered through cooperation with Northern Michigan University.

Usually 14 or 15 continuing education courses and training programs are offered each year in the U.P. as well as a number of special seminars. Molinare tries to survey educational needs at least a year in advance in order to arrange for instructors and class locations.

Most of the classes are held in the center itself, but community schools are also used.

With Marquette 400 miles from campus, instructional costs are high due to transportation expenses for campus teachers (who must also bear the weekly inconvenience of round - trip flights that often take four hours in each direction with three intermediate stops enroute).

## Extension Staff

Quietly efficient and unassuming, Molinare's personality doesn't fit the temptation to label him MSU's lifelong education "Czar" for nearly half the state. He dodges questions about his personal responsibilities and achievements, saying "you should see Ingrid" about this or "talk to Rick, he's got all the answers" about that.

And "If you really want to get a feel for what's being accomplished, you've

**"Increasingly, MSU is developing the resources to touch people at all points in their lives."**

got to spend time with one of the county extension directors. They are the ones who form the real link between MSU and the people up here."

"Ingrid" is Ingrid Bartelli and "Rick" is Rick Hartwig, two of the six extension specialists working with Molinare out of the regional office.

Mrs. Bartelli, probably the most widely known among Molinare's staff because of her half - hour television program aired weekly by WLUC - TV, Marquette, is the extension marketing information agent for the region.

"My assignment," she says, "is to help the food procuring consumers of the Upper Peninsula to get the greatest investment in eating pleasure and health value from the food they buy."

Her stock in trade is her ability to communicate with the people who live in the north country, people she characterizes as "low income, sincere, hard working, appreciative, basically rural, with strong ethnic influences." She says she can communicate with them because she is one of them.

In addition to her television program, Mrs. Bartelli writes a weekly consumer column carried by the Marquette



Frank Molinare, seated, discusses future extension programs with forestry specialist Roy Skog, left, and agricultural economist Rick Hartwig. Four other specialists work out of MSU's Upper Peninsula Extension Center in Marquette.

Mining Journal and other papers in the U.P., and also by two trade publications covering a six - state area. The combined readership is about 317,000.

Rick Hartwig, an agricultural economist, reaches farmers, small businessmen and the general public with information on marketing, profitable

Skog's function as extension forestry specialist is especially important. He is of particular help to the 30,000 small private forest landowners who hold about one - third of the commercial forest land. He assists them with forest management through depth courses, group meetings, field demonstrations and individual consultations.

Skog is also involved in helping sawmill operators (through an annual sawmill clinic), maple syrup producers, Christmas tree growers, 4 - H groups and urban officials and homeowners interested in parks and shade trees.

The newest member of Molinare's staff is dairy specialist Herbert Bucholtz, on the job only since August. His extension program is currently concentrated on forages, from which dairy cattle receive 60 to 70 per cent of their nutrients. Dairymen from across the U.P. have participated in a program to help them determine the nutrient composition of forages so they can balance their dairy ration and realize a substantial savings in feed costs.

## Personal Rewards

When Molinare talks of personal rewards from his career in extension and continuing education work, he usually talks in terms of his 25 years as Dickinson County agricultural extension agent.

"Seeing people grow, seeing communities grow, seeing 4 - H kids go on to bigger things" - these are some of the rewards he mentions.

"Satisfaction is in people," he says. "The local contacts of the county extension director make him sensitive to the needs of people. After five years on the job he usually knows more about the county as a whole than anyone else."

Molinare says the county director is recognized as a representative of MSU, but more important, the people refer to him as "their" agent.

The identity of the University through the county director has become more solid in recent years because of the growing number of programs involving more campus resources, according to Molinare, especially in such areas as expanded nutrition and community development.

"When I first started with the extension service," he recalls, "it was almost solely involved in helping a man become a better farmer. But over the years new programs have emphasized the total family and community rather than individual segments."

"Increasingly, MSU is developing the resources to touch people at all points in their lives."







Students rehearse on the "cage."

Photo by Dick Wesley

## Circus atmosphere surrounds 'Hamlet'

Hand stands, cartwheels and acrobatic stunts. This production requires these skills.

The production has nothing to do with physical education. It has to do with the theatre department. It's "Hamlet." And it's being performed on campus Feb. 8 - 11.

Unlike classic "Hamlet" productions, the MSU version will take on a circus-like atmosphere complete with a ringmaster and three performing rings.

The adaptation is the work of Fred Piegonski, a graduate student and teaching assistant in the Theatre Department.

"Shakespeare's 'Hamlet' lends itself to a circus theme, and 'physical theatre' is a part of recent trends," Piegonski said. He added that examples of physical theatre (his term) are the productions of "Godspell" and "Hair."

According to Piegonski, the circus setting transfers "Hamlet," a stodgy classic, into something more understandable. "The absurdity intensifies and personifies the seriousness and message of the play," he said.

The circus idea is not new. In the early 1920's, the Russian innovator Meyerhold produced various plays using movement to express the words with emphasis on theatricalism.

In addition to gestures and actions, the circus atmosphere is created through costumes and scenery. Hamlet, played by Fred Paxton, a senior in philosophy, will be dressed as an athlete; Peggy Dille, a sophomore theatre student, will portray a tight rope walking Queen Gertrude; Ophelia, played by freshman Rebecca Manz, might ride a unicycle in her mad scene; and Tim Bogar, a junior portraying Claudius, the king, will serve as ringmaster.

The set will include several circular platforms, reminiscent of circus rings, and a large climbing structure, called the cage, with assorted bars for hanging and climbing. A tent-like effect is produced with large triangular shapes made of orange and yellow canvas.

Piegonski said the "Hamlet" production is being performed to assist humanities students in their studies of the Shakespeare play. "The production supplements the students' class work," he said.

Last term he aided the humanities department with his arena production of "Oedipus" and "Antigone."

The "Hamlet" production is open to the public and the admission charge is 50 cents.

It will be performed at 8:15 p.m. in the Union ballroom on Feb. 8, 10 and 11; and in the Wonders Kiva on Feb. 9.

## MSU Positions Available

**IMPORTANT:** Administrative - Professional and Clerical - Technical applicants should contact the Employment Office at 353-4334 by February 6, 1973 and refer to the vacancy by the position number. Instructional staff applicants should contact departments noted.

### FACULTY

Asst. Prof. of Food Sci. & Human Nutrition (Ph.D. in Food, Animal, or Poultry Science with thorough familiarization in the meat technology area) General responsibility for Dept. and Coop. Ext. Serv. programs in processing and utilization of all Meat, Poultry, and Fish Products.

Gilbert A. Leveille

Dept. of Food Sci. & Hum. Nutrition

Asst. or Assoc. Prof. of Food Sci. & Human Nutrition (Ph.D. in Foods or Food Science with major interest in Experimental Foods or Food Economics) Teaching at the undergraduate and graduate level and research in the areas of Food. Will provide an opportunity to develop a consumer-oriented food economics course; individual will be responsible for supervising the dissertation research of M.S. and Ph.D. students

Gilbert A. Leveille

Dept. of Food Sci. & Hum. Nutrition

Asst. Prof. of Natural Science (Ph.D. to be completed before Sept. 1973) General education program in science; degree in a specialized area of the biological or physical sciences acceptable plus an interest in science as a totality, its methodology and social implications

Emanuel Hackel, chmn.

Dept. of Natural Science

**Manpower Resource Specialist:** Short term (7-8 months) full-time position available for individual with graduate educational background, experience, and interest in manpower studies. Educational background should include strong emphasis in economics. Knowledge of and work experience in the health field, especially in health manpower studies, is desirable. Must be both willing and able to travel to the Upper Peninsula, as necessary, to accomplish the study requirements.

Sidney Katz

College of Human Medicine

Asst. Instr. of Continuing Education - Conference Coordinator - (M.A. or B.A. with M.A. to be completed) Two years work experience in education and/or health care

facilities. Minority female preferred.

Clayton H. Wells

Continuing Education Service

Asst. or Assoc. Prof. of Physics (Ph.D. or equivalent qualifications) The successful applicant will have made contributions to nuclear physics theory and will be expected to continue research in nuclear physics. Applicants should include a resume and names of four referees.

Truman O. Woodruff, Chmn.

Dept. of Physics

Instr. of Family Ecology (Ph.D.) competence in Family Management and Family Economics. Teaching of undergraduate students and ability to conduct research and work with graduate students.

Beatrice Paolucci, Act. Chmn.

Dept. of Family Ecology

### ADMINISTRATIVE - PROFESSIONAL

138. Asst. Dir. for Women's Programs IV (B.A. in Social Sciences preferred) Professional experience in personnel, employee relations, counseling or civil rights activities. Knowledge of the problems and methods involved in interviewing and solving complaints of discrimination or in providing assistance to women. Ability to interpret policies and regulation uniformly. \$11,180-14,580

139. Asst. Dir. for Minority Programs IV (B.A. in Social Sciences preferred) Professional experience in personnel, employee relations, counseling or civil rights activities. Knowledge of the problems and methods involved in interviewing and solving complaints of discrimination or in providing assistance to minorities. Ability to interpret policies and regulations uniformly. \$11,180-14,580

### CLERICAL - TECHNICAL

140. Cartographer "N" - Must have background in cartography, making planimetric maps from aerial photographs. Also some experience in photo interpretation desired. \$3.87/hour.

141. Ex. Secretary VIII - Typing & shorthand. Knowledge of MSU business procedures preferred. Able to work effectively with faculty and students and to assume responsibility with minimum amount of supervision. Will be secretary to dept. chairman. \$7,473 - 9,576

142. Senior Clerk "F" - Excellent typing;

able to handle typing of manuscripts for publication; knowledge of publication form and style; operate office machines. Work half time (20 hrs./week) Should have general knowledge of Asian studies and Asian Geography.

143. Laboratory Technician IX (B.A. or B.S. educational background in biology or biochemistry) Knowledge of chemistry required; strong inclination to be neat, orderly and keep accurate records. Previous experience in research preferable. Work half time (20 hrs./week) hours 1 p.m. to 5 p.m. \$4,192 - 5,209

Accounting Clerk V (1 vacancy)

\$6,267 - 7,389

Departmental Secretary V (3 vacancies)

\$6,267 - 7,389

Senior Clerk IV (1 vacancy)

\$6,182 - 7,183

Clerk-Stenographer III (1 vacancy)

\$5,735 - 6,926

Clerk - Typist II (2 vacancies)

\$5,511 - 6,562

Licensed Practical Nurse (1 vacancy)

\$5,440 - 6,422

MICHIGAN STATE UNIVERSITY IS AN EQUAL OPPORTUNITY EMPLOYER

## Achievements

JOHN H. FERRES, professor of American Thought and Language, read a paper on "The Present Situation in Canadian Literature" at the recent annual convention of the Modern Language Association in New York.

Five University foresters have been elected to official posts on working committees of the Society of American Foresters and an assistant professor of forestry has been elected to a working group executive board position. The new officials and their posts are: DONALD P. WHITE, secretary, soils; JAMES W. HANOVER, secretary, physiology; ROBERT S. MANTHY, vice chairman, economics and policy; LESTER E. BELL, vice chairman, service and extension forestry; ALAN SLIKER, chairman, utilization and wood sciences; and J. JAMES KIELBASO, one of three executive board members of the Urban Forestry Working Group.

HENRY C. DYKEMA, director of financial aids, was cited for "superior

service as a financial aid administrator" when he became the first recipient of the Regional Citation of the United States Office of Education, Department of Health, Education and Welfare. Dykema, who has served as a consultant, a member of the Regional Review Panel, the National and Regional Appeal Panels, and in other capacities with the Chicago Regional Office for over five years, received the award at the recent Midwest Association of Student Aid Administrators Conference held in Chicago.

DUANE L. GIBSON, director of the Institute for Community Development, assistant director of the Continuing Education Service, and a professor of sociology, has been asked to assist the University of Missouri in the reshaping of its academic organization and program. Gibson will serve on the team of selected deans and professors from Oregon, California, Ohio and Kentucky studying Missouri's programs in community development, social work and recreation.



# BULLETINS

**OPENING EXHIBIT** The opening for the new Faculty Exhibit at Kresge Art Center will be held from 7 to 10 p.m. Friday, Feb. 2. The public is invited.

**SCHEDULES READY** The 1973 spring term Schedule of Courses and Academic Handbook is now available. Department representatives may pick up a supply in 64 Administration Bldg.

**ACADEMIC COUNCIL** The Academic Council will meet at 3:15 p.m. Tuesday, Feb. 6 in the Con Con Room, Center for International Programs. The March 6 meeting has been changed to Monday, March 5, at the President's request.

**DOG OBEDIENCE** The wives of veterinary students will sponsor dog obedience classes on Monday evenings starting on March 19. Enrollment fee is \$18. For information contact Mrs. Smith, 489-7675; Mrs. Ford, 393-6653; or Mrs. Craw, 355-2753 after 6 p.m.

**BUSINESS WOMEN** The 19th annual institute of the MSU Business Women's Club will be held Feb. 7 and 8 in the Union Building. The program "Management, Now Ms. Management," will include two speakers on Wednesday and two panel discussions on Thursday. There is a \$1 registration fee.

**PARENT EDUCATION** A parent education meeting on "Kindergarten Readiness" will be held at 8 p.m. Wednesday, Feb. 7 at the Michigan Education Association, 1216 Kendale, East Lansing. Open to interested parents, the program will include speakers from East Lansing, Lansing, and Okemos schools and the MSU Institute for Family and Child Studies. The meeting is sponsored by the MSU Community Cooperative Nursery.

**BRIDAL SHOW** Tickets are now on sale for the Floriculture Forum's ninth annual wedding and flower show, "Weddings: Then, There, Now" to be held at 7 p.m. Monday, Feb. 26. Tickets may be purchased at 109 Horticulture.

**EXTENDED HOURS** Because of increased demand the men's indoor pool will now open at 1 p.m. Sundays. The weightlifting room will be open from 8 to 10 a.m. Mondays, Wednesdays, and Fridays.

**RUSSIAN FILM** The Russian film "Lady with a Dog" will be shown at 7:30 p.m. Tuesday, Feb. 6 in the Engineering Bldg. auditorium by the Russian and East European Studies Program. There is no charge for admission.

**CREATIVE WRITERS** The Creative Writers of Faculty Folk will meet at 1 p.m. Wednesday, Feb. 7 at the home of Betty Drobac, 4547 Herron Rd., Okemos. Diana Higgs will be reader.

**RETIREES CLUB** The MSU Retirees Club will meet on Monday, Feb. 12 for lunch in Old College Hall, in back of the Union Grill. Following the meal, the program will be presented in the club room on the third floor. The speaker will be John N. Winburne on "My First Hundred Years." All male retirees of MSU are invited.

**MIDTERM GRADES** Special midterm grade cards will be delivered to departmental offices Friday, Feb. 2. The grading system is printed on the face of each class card. The Office of the Registrar will make a pickup Friday, Feb. 9 after 9 a.m. Otherwise, cards must be returned to 150 Administration Bldg. no later than 11 a.m. Feb. 9. The returned cards will be redistributed Monday, Feb. 12 to those who requested them. For information, call 5-9596.

# SEMINARS

## MONDAY, FEBRUARY 5, 1973

The EEC and German agriculture. Theodore Heidhuss, Institut Fuer Agrarökonomie, Goettingen, West Germany, 10 a.m., 16 Agriculture. **Agricultural Economics.**

What U.S. agricultural economists should know about Marxist economics. Michel Petit, chairman, Dept. of Economics, National School of Applied Agricultural Sciences, Dijon, France. 1:30 p.m., 102 Cook. **Agricultural Economics.**

Earthworm neuromuscular physiology. Charles Drewes, 4 p.m., 136 Chemistry. **Biophysics.**

Muonic atoms. P. Vogel, California Institute of Technology, 4:10 p.m., Cyclotron Laboratory Seminar Room. **Cyclotron.**

Air-tight storage for dairy farms. Sam Fowler, Harvestore Corp., 12:30 p.m., 126 Anthony. **Dairy Science.**

Promotion of research on the cereal leaf beetle in Europe. C.D.F. Miller, head, Entomology Section, Research Station, Canada, Dept. of Agriculture, Harrow, Ontario, 4 p.m., 244 Natural Science. **Entomology.**

Science, medicine and society: The social contract and contemporary problems. June Goodfield, 11:30 a.m., 138 Akers. **Human Medicine, Philosophy, Honors College.**

The breakdown of  $C^{14}$ -ATP in dog whole blood and plasma. Ann H. Collingsworth, 4 p.m., 216 Giltner. **Physiology.**

## TUESDAY, FEBRUARY 6, 1973

Hydration of ions at mineral surfaces. Isaac Shainberg Volcani Institute of Agricultural Research, Israel, 4 p.m., 309 Agriculture. **Crop and Soil Sciences.**

Application of high performance liquid chromatography in the brewing industry. Karl Siebert, Stroh Brewery Co., 4:10 p.m., 103 Food Science. **Food Science and Human Nutrition.**

Horticulture in Japan. Shigemi Honma, 4 p.m., 209 Horticulture. **Horticulture.**

Thermally activated flow: hafnium-oxygen alloys. William R. Tyron, Trent U., Ontario, Canada, 4:10 p.m., 312 Engineering. **Metallurgy, Mechanics and Materials Science.**

Immunologic and pathologic mechanisms of idiopathic immune substances. H.W. Cox, 4:10 p.m., 146 Giltner. **Microbiology and Public Health.**

Interrelationship of mycobacteria in man and animal. W.L. Mallmann, 4:10 p.m., 346 Giltner. **Pathology.**

Epilepsy and antiepileptic drugs. James Cunningham, 4 p.m., 449B Life Sciences. **Pharmacology.**

Theorems for bounds on absorption probabilities. Ray Carr, 4:10 p.m., 405A Wells. **Statistics and Probability.**

## WEDNESDAY, FEBRUARY 7, 1973

A conceptual framework towards a national urbanization budget. Ved Prakash, U. of Wisconsin, 3 p.m., 3 Marshall. **Economic Development.**

Science, medicine and society: Should scientists take an oath; the problem of ethics? June Goodfield, 11:30 a.m., 138 Akers. **Human Medicine, Philosophy, Honors College.**

The influence of some environmental and physiological factors on serum thyroxine level. E. Paul Reineke, 4 p.m., 131 Anthony. **Institute of Nutrition.**

Coordinated approaches to pest management. J.L. Apple, assistant director of research and academic affairs, North Carolina State U., 4:10 p.m., 244 Natural Science. **Plant Pathology and Entomology.**

CO<sub>2</sub> fixation by C<sub>4</sub> and CAM plants. Clanton C. Black, U. of Georgia, 4:10 p.m., 101 Biochemistry. **Plant Research Laboratory.**

## THURSDAY, FEBRUARY 8, 1973

Hormonal control of secretory tissue. Joseph E. Varner, 4:10 p.m., 101 Biochemistry. **Biochemistry.**

The use of computers in chemistry. Harry A. Eick, 4:10 p.m., 402 Computer Center. **Computer Science.**

Nutritional aspects of field crops. Dale D. Harpstead, 4 p.m., 309 Agriculture. **Crop and Soil Sciences.**

Environmental education for the neophytes. David I. Johnson, 1:30 p.m., 223 Natural Resources. **Fisheries and Wildlife.**

Critique on two papers of interest. Jim Olson, 12:30 p.m., 206 Food Science. **Food Science and Human Nutrition.**

The California grape strike: implications for collective action. Richard Hurd, 4 p.m., 335A Case. **James Madison College.**

The geometry of flat and pre-Columbian Banach spaces. Las Karlovitz, U. of Maryland, 4:10 p.m., 304A Wells. **Mathematics.**

Structure and function of biological membranes. Alfred R. Haug, 4:10 p.m., 120 Physics-Astronomy. **Physics.**

## FRIDAY, FEBRUARY 9, 1973

Effective group instruction by contingency management. Jack Michael, professor of psychology, Western Michigan U., 10:30 a.m., 109 Anthony. **Instructional Development Service.**

Field measurements of photosynthesis and photorespiration. William Ogren, U. of Illinois, 11:30 a.m., 101 Biochemistry. **Plant Research Laboratory.**

Patterns of avian communities in stages of secondary succession in conifer forests of the Sierra Nevada of California. Donald L. Beaver, 3 p.m., 145 Natural Science. **Zoology.**



## FRIDAY, FEBRUARY 2, 1973

- 3 p.m. Women's intercollegiate swimming—MSU vs. Central Michigan U. Women's IM Bldg.
- 7:30 p.m. Hockey—MSU vs. U. of Michigan. Ice Arena.
- 7:30 p.m. Wrestling—MSU vs. Minnesota. Men's IM Bldg.
- 8 p.m. "Little Green Men"—The theory of extraterrestrial intelligent life in the universe is the topic of this continuing presentation in the sky theatre. Following the 8 p.m. shows, there will be a special session on the current sky with outdoor observation if weather permits. Abrams Planetarium.
- 8:15 p.m. "Magic Afternoon"—A Performing Arts Company presentation. Arena Theatre.
- 8:15 p.m. Chamber Music Series—Jean-Pierre Rampal, flute, and Robert Veyron-Lecroix, harpsichord, are considered two of the finest musicians in their fields. There are no tickets now available. Fairchild Theatre.
- 10 p.m. "Little Green Men" (see above). Abrams Planetarium.

## SATURDAY, FEBRUARY 3, 1973

- 10 a.m. Fencing—MSU vs. U. of Illinois Chicago Circle. Men's IM Bldg.
- 1 p.m. Women's intercollegiate basketball—MSU vs. U. of Michigan. Women's IM Bldg.
- 1:30 p.m. Swimming—MSU vs. Indiana. Men's IM Pool.
- 2:30 p.m. "Little Green Men" (see Feb. 2). Abrams Planetarium.
- 4 p.m. Basketball—MSU vs. Iowa. Jenison Fieldhouse.
- 7:30 p.m. Wrestling—MSU vs. Iowa. Men's IM Bldg.
- 7:30 p.m. Gymnastics—MSU vs. Indiana State. Jenison Fieldhouse.
- 8 p.m. "Little Green Men" will be followed by a skywatching session. (see Feb. 2). Abrams Planetarium.
- 8 p.m. World Travel Series—"The Two Worlds of Polynesia"—one the world of the island people, the other the world of the lagoon, reef, and sea—will be explored in a color film and lecture presentation by Stan Waterman, who lived for a year on the islands. Tickets are available at the Union Ticket Office. Auditorium.
- 8:15 p.m. "Magic Afternoon" (see Feb. 2). Arena Theatre.
- 10 p.m. "Little Green Men" (see Feb. 2). Abrams Planetarium.

## SUNDAY, FEBRUARY 4, 1973

- 4 p.m. "Little Green Men" (see Feb. 2). Abrams Planetarium.
- 8:15 p.m. Graduate recital—Suzanne Wernette, Soprano. Music Auditorium.

## TUESDAY, FEBRUARY 6, 1973

- 12 p.m. University Club luncheon—Amo Bessone, coach of the MSU ice hockey team, will speak on "Ice Hockey: A Look Ahead." The talk will include reports on the team, rated second nationally, and plans for the new ice hockey arena.

- 8 p.m. International folkdancing—instruction will be followed by free dancing at 9 p.m. 327 M.A.C.

## THURSDAY, FEBRUARY 8, 1973

- 6:30 p.m. Women's intercollegiate basketball—MSU vs. Calvin College. Women's IM Bldg.
- 6:30 p.m. Environmental film series—"White Throat," "Succession—Sand Dune to Forest," "Spruce Bog," and "Persistent Seed," will be shown. There is no charge for admission. East McDonel lounge.
- 8:15 p.m. University Series (A)—A show-stopping human version of the Royal Lippezaner Horse Show is only a part of the performance of the Singers and Dancers of Ljubljana (pronounced Loo-bli-ana), a colorfully costumed company of 60 from western Yugoslavia's wonderland capital. Founded in 1948 by the late ethnomusicologist France Marolt, the thrilling folklore and dance group features the Tone Tomsic Choir and the France Marolt Dancers. Auditorium.
- 8:15 p.m. "Hamlet"—The characters have become circus performers, using dance-like movements and gymnastics to physicalize the emotions present in an age-old classic. The play is under the direction of Fred Piegonski, a doctoral student in the Dept. of Theatre. A small admission fee will be charged at the door. Union Ballroom.

## FRIDAY, FEBRUARY 9, 1973

- 7:30 p.m. Gymnastics—MSU vs. Oklahoma. Jenison Fieldhouse.
- 8 p.m. "Little Green Men" will be followed by a skywatching session (see Feb. 2). Abrams Planetarium.
- 8:15 p.m. "Hamlet" (see Feb. 8). Wonders Kiva.
- 10 p.m. "Little Green Men" (see Feb. 2). Abrams Planetarium.

## SATURDAY, FEBRUARY 10, 1973

- 10 a.m. Fencing—MSU vs. Wisconsin and Wisconsin-Parkside. IM Sports Arena.
- 12 p.m. Track—Michigan State Relays. Jenison Fieldhouse.
- 2:30 p.m. "Little Green Men" (see Feb. 2). Abrams Planetarium.
- 6:30 p.m. Track—Michigan State Relays. Jenison Fieldhouse.
- 8 p.m. World Travel Series—Danish author and explorer Jens Bjerre will present "China—the Awakening Giant." Auditorium.
- 8 p.m. "Little Green Men" will be followed by a skywatching session (see Feb. 2). Abrams Planetarium.
- 8:15 p.m. "Hamlet" (see Feb. 8). Union Ballroom.
- 10 p.m. "Little Green Men" (see Feb. 2). Abrams Planetarium.

## EXHIBITIONS

### Kresge Art Gallery

Faculty Exhibit, Feb. 3-25—Twenty faculty members will exhibit their work in the annual show. Works will include sculpture, painting, prints and ceramics.

### Museum

"The Builder's Craft"—Scale models of four types of log houses along with the early tools that built them are a new feature of the steadily expanding Artisan's Hall, second floor.

## CONFERENCES

- Feb. 4-9 Clark Equipment Supervisory Development Program, Gull Lake
- Feb. 4-9 Fire Insurance Workshop
- Feb. 5-9 Breathalyzer
- Feb. 5-16 Real Estate Appraisal Course
- Feb. 6-8 National Dairy Housing Conference
- Feb. 7-9 Michigan Forestry & Parks Annual Conference

- Feb. 8-9 North Central Research 65

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.

*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.*