

Philip Michael, one of a number of urban planning and landscape architecture students developing ways to adapt campus facilities to accommodate the increasing number of bicycles, sketched this conception of a curved bike rack ringing a tree. (See story on page 6)

MSU News-Bulletin

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Michigan State University

JANUARY 25, 1973

Human ecology dean seeks the 'better'

Lois A. Lund might be an "eternal optimist," but she's also a realist.

"I'm not looking for the best, but the better," she said.

Miss Lund began January 1 as the new dean of the College of Human Ecology. She came to MSU from Ohio State University where she served for more than two years as associate dean of the College of Agriculture and Home Economics and director of the School of Home Economics.

"MSU is innovative and provides support of human ecology concepts," she said explaining the reasons for accepting the new position.

"MSU has a strong faculty in human ecology who are willing to expand the concepts of the field and attempt new approaches. MSU in itself is known by many as an institution with a degree of flexibility."

Dean Lund added that she plans to institute an administrative internship program on campus in human ecology.

"Many women do not realize what administrative opportunities are available to them in the field and little attention has been given to the administrative area," she said. "An internship program can give students an opportunity to investigate another area they might not have thought of."

She explained that the administration at MSU has supported the administrative internship program in philosophy, and will assist in seeking financial support.

Dean Lund turned to administration after 17 years of teaching.

She received her B.S. and M.S. degrees from the University of Minnesota in food science and a Ph.D. from the same institution in food economics, agricultural economics and higher education.

She was an instructor in the food division of the State University of Iowa, 1951-55; an instructor in the food division at Minnesota, 1955-63; a nutrition analyst for the U.S. Department of Agriculture in the summer of 1960; a research fellow at Minnesota, 1963-66; and an associate professor, 1966-67; and chairman, core studies and associate director, school of home economics at Minnesota, 1967-68.

Dean Lund said that she chose her field of study and teaching because "I wanted to help people and teaching is the finest profession there is." She added that not only has she found teaching to be rewarding, but it is an area where a person can make a

contribution to the betterment of society.

According to Dean Lund, her choice of a field of study was the result of her parents' influence.

She explained that she was born and raised in a small community of approximately 8,000 people (Thief River Falls, Minn.) and that her parents were strongly involved in community activities.

"My parents were always helping people, and I wanted to do something that would help and serve people," she said. "So I picked a career (food science) dealing with the study of everyday concerns."

Although now in an administrative position, Dean Lund said she hopes to continue with teaching. "I hope to supervise and teach the administrative interns once the program has been established," she said.

Dean Lund explained that her new position will also enable her to continue to serve people. "As an administrator, I can help facilitate the goals of others and help in the evolution of an idea."

According to Dean Lund, she is pleased with the shift in the field from the term "home economics" to "human ecology."

"Many people identify home economics with secondary education and women's programs. Human ecology is more appropriate since it deals with the study of man in relation to his near environment."

She said that human ecology includes such areas as human, family and child development, environmental design, and food sciences.

Dean Lund added that the change of title and expansion of the program also has resulted in an increase of male students in the field with promises of an even greater change in their numbers.

She explained that her hobbies are few because she thoroughly enjoys her work, "and I can find pleasure in working."

"But to keep out of mischief I needlepoint, read and enjoy listening to symphonic and classical choral music," she said.

—SANDRA DALKA

Minority programs listed

The University offered 217 academic credit courses of special significance to minority students, as well as 66 non-credit courses with direct minority participation or benefit during the 1971-72 academic year.

Of the credit courses, 43 designed especially for minority students accounted for 3,383 credit hours.

These figures were released in the report on "Minority Programs at Michigan State University 1971-72."

For the first time in the six-year history of this report, an attempt was made to specifically identify the major programs and services mounted by the University to meet the special needs and

concerns of black, Chicano and American Indian minority groups. In the past the report had covered only the extension and public service activities of MSU. This report reflects the total programmatic thrust of the institution, the report stated.

Seven percent of all U.S. students attending the University in the fall of 1971 were from the three minority groups. The percentage represents 2,787 students, an increase of 23 percent from the previous year.

The report states that in addition to the credit and noncredit courses offered, there were an estimated 130

(Continued on page 5)



LOIS A. LUND

Science notes

Atmosphere aids quality research

One of the most recent Research Career Development Awards from the National Institutes of Health, NIH, to MSU scientists has gone to David H. Bing of microbiology and public health.

In Bing's case, the award brings five years' time off from most of his teaching duties. He now devotes 90 per cent of his work to research in his laboratory in Giltner Hall.



BY
PHILLIP
MILLER

His research includes investigations of blood proteins which are associated with diseases of humans. In presenting Bing his award, NIH especially mentioned his laboratory work of the "specificity of serum complement protein of the blood."

Bing's laboratory has something in common with other MSU winners of NIH awards. It has atmosphere which includes background music. One other award-winner, James E. Trosko, had art work hanging throughout his laboratory. Another, Clifford W. Welsch, served iced tea to visitors as he chatted about affects of hormones on cancer.

The common entity is an informal, relaxed atmosphere which the Germans call "gemutlich." It is good for the creativity so essential to quality research.

Plenty of quality work gets done in these laboratories. Quality production is the main requirement of the NIH award.

Last year alone, nine MSU scientists received support from NIH Research Career Development Awards. Those recipients, besides Bing, are: Clarence H. Suelter, biochemistry; S. Richard Heisey, physiology; James E. Trosko, human development; Clifford W. Welsch, anatomy; W. Richard Dukelow, laboratory animal research; Jerry B. Scott, physiology; Glen I. Hatton, psychology; and Robert A. Ronzio, biochemistry.

Since NIH pays most of the recipients' salaries for several years, some of the scientists feel free, with such support, to take a leave to conduct research for a year elsewhere in the nation. This way they get fresh perspectives from a new environment, while at the same time enhancing the new environment. Upon their return they often bring to their MSU colleagues new insights on research.

Competition among the nation's scientists for the NIH awards, however, is getting fierce. As the number of career development awards remains pretty much constant, with increasing demands the awards are getting harder to win.

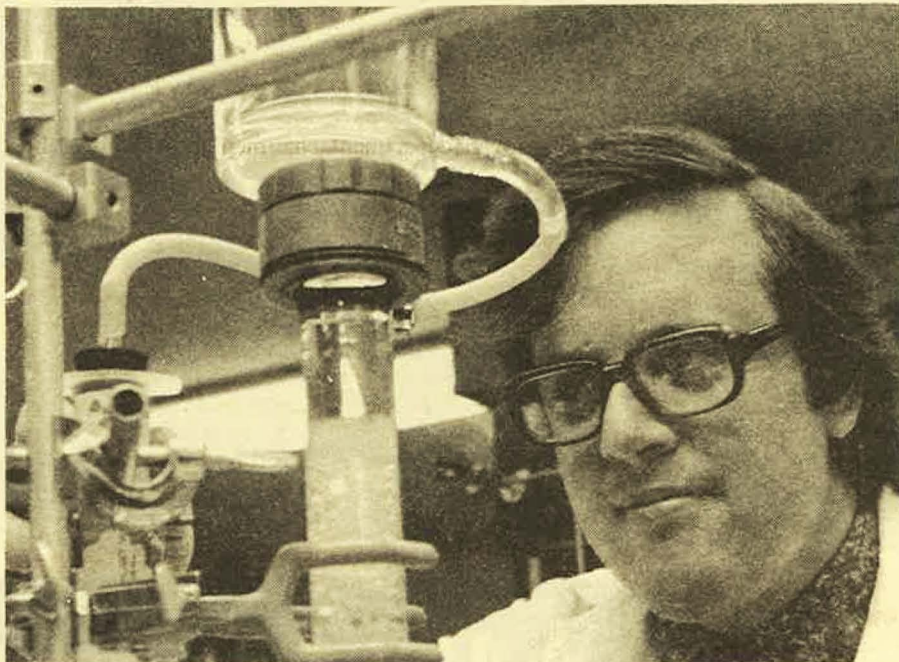
What kind of scientist does it take to get such a prize?

Part of the secret, says Bing, is how well the research teams work together. More and more this is the era of team efforts.

Again, laboratory atmosphere is important.

"Atmosphere is no accident," says Bing.

"It's just that the day of the professor sitting in the office and directing the technicians is passing into oblivion. Here, as in some other of the



One of MSU's latest winners of the National Institutes of Health Research Career Development Awards, David H. Bing of microbiology, examines a column used to help study health-related aspects of the blood.

productive labs, we work on a one-to-one basis.

"If you work, and get a little dirty, you get along with the people."

But, of course, there is something more than having laboratory atmosphere to becoming an award candidate.

The researcher has to show promise, as measured by NIH standards:

According to NIH the awards are

designed to "investigators planning independent research and teaching careers in the medical, dental, or environmental sciences or in other fields relative to individual and community health."

The purpose of the career awards is "to raise the competency and increase the number of individuals qualified to undertake research in the health sciences and related areas."

Letters

Why no news on Hildebrand?

To the Editor:

Why has the MSU News-Bulletin failed to carry any factual reporting on the Hildebrand Federal Court hearing of December 18, 1972? I served on the AAUP Council of 1968-1969 which unanimously supported Hildebrand. I think the Council hoped the Hildebrand case would be a landmark case on behalf of 1st and 14th amendment rights for second class citizens on this campus, i.e., the non-tenured faculty. The impact of this case has already been of major significance and surely merits coverage by the MSU News-Bulletin.

John Masterson
Associate Professor
Department of Math

EDITOR'S NOTE: John Hildebrand is a former associate professor of social

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science and the Latin American Studies Center who was not granted tenure in 1968. During the last four years he has appealed the decision through a number of channels both on and off campus. Most recently, he has filed suit against MSU in Federal District Court in Grand Rapids. The hearing referred to on Dec. 18 was on a motion by the University to dismiss the case. To date, the court has not acted on the motion. When a decision is made, it will be reported in the News-Bulletin.

JV times reset

All jayvee basketball games scheduled prior to Saturday home games now will follow the varsity games. Doors for these varsity games will open at 3 p.m. Jayvee games should start about 6 p.m.

Jayvee basketball games previously scheduled prior to Monday night games will be rescheduled on other dates. It would be too late to start them after 8 p.m. varsity games. These schedules will be announced.

These shifts were made to meet a problem of some fans arriving early for jayvee games, sitting in reserved ticket areas and then not moving out when the reserved ticket holders arrived.

DAY WITH THE ARTS



The 10th annual "Day with the Arts" Saturday evening and Sunday afternoon at the Civic Center will show the results of the efforts of many MSU faculty and staff members.

"Day with the Arts" Chairman is Tom Turk, Fine Arts Producer at WKAR-TV. Co-chairman is Mrs. Anne Bloomquist, wife of MSU's Director of Bands Kenneth Bloomquist.

Turk describes the event as "an opportunity for people to participate by performing or showing their creative talents. The 'Day' is also an opportunity for residents to sample art forms which they may not have explored before."

An art exhibit, titled "ART NOW," will feature works by five members of MSU's art faculty. They are Clifton McChesney, Irving Taran, Anthony Deblasi, James Adley, and Karl Wolter. Mrs. Kazuko Guernsey of LCC will complete the list of professional artists exhibiting at the "Day." there will also be art by community artists and students.

Four of the 10 committees working on the "Day" are headed by MSU personnel. They include Dixie Durr, assistant professor of health, physical education and recreation, dance committee; Fred Brufloft and Larry Cole, both of Information Services, publicity committee; Mrs. Eleanor Omoto, comptroller's office, children's activities; Robert Harris, associate professor of music, music committee.

The MSU Brass Choir, conducted by Douglas Campbell, professor of music, will open the event playing a fanfare composed specially for the 1973 Day with the Arts.

In addition to musical performances,

dance and theater productions and the art exhibit, the evening and afternoon programs include puppeteers, magicians and guitar strumming folk singers. There will also be ethnic dances, a film festival, and numerous exhibits in the lower level of the Civic Center.

The film festival, organized by Margaret Boschetti of MSU's Department of Human Environment and Design, and LCC's Allan Burgess, will run both Saturday and Sunday. The Sunday session will showcase only locally produced films including some by MSU staff members Pat LaFlame, Richard Graham, Bonnie Morrison, Joe Kinnebrew and Ruth Smith.

A first this year will be the Renaissance Street Theater in the small auditorium both Saturday evening and Sunday afternoon. In keeping with the Renaissance theme, most participants will wear costumes of the era. Performances and demonstrations by more than a dozen groups will carry out the common theme.

In addition, George Szypula, gymnastics coach, will direct rhythmic gymnastics. James Victoria, art department, will demonstrate collage for children. Mrs. Victoria and area Girl and Boy Scout troops will assist.

Charles Smith of the MSU Museum will use songs and guitar to illustrate "Michigan Legend and Lore" for the youngsters.

A coffee house in the Terrace Room will provide continuous entertainment and refreshments. Included among the entertainers for Sunday will be the "Blue Grass Extension Service," a group of MSU professors who sing traditional folk music of Kentucky and Tennessee.

Around the campus: A summary

Award nominations sought

Nomination forms were mailed last week by the Provost's Office seeking candidates for annual Teacher-Scholar Awards and Excellence-in-Teaching Citations.

Nominations must be made through department chairmen and submitted by Feb. 23.

An eight-member selection committee composed of four faculty members and four students will determine the recipients. Dorothy Arata, assistant provost for undergraduate education, is an ex-officio member of the committee.

Teacher-Scholar Awards are given to outstanding instructors or assistant professors who have been on the faculty for a minimum of three terms and a maximum of five academic years. The award carries a \$1,000 stipend.

Graduate teaching assistants who have distinguished themselves in meeting their classroom responsibilities are eligible for Excellence-in-Teaching Citations, which are accompanied by a \$500 stipend.

Volunteers seek faculty help

Faculty assistance is being sought to help the Volunteer Bureau provide free tax service for low income families and foreign students.

The Volunteer Income Tax Program began its fourth year Monday (Jan. 22) and will continue through Apr. 22.

"This service attempts to reduce the confusion and frustration that many persons experience when faced with the task of filling out income tax forms," says John Cauley, director of the Volunteer Bureau.

There is a need, says Cauley, for faculty members with a working knowledge of income tax preparation to work as telephone consultants to the 60 student volunteers involved in the program.

Interested faculty members should contact the Volunteer Bureau at 355-4400.

Rural health care needs boost

For Michigan's rural health care industry to survive, it must have increased public funding and strong local leadership, a study by the Department of Agricultural Economics shows.

The study analyzes the present conditions and potential of rural medical facilities in the Grand Traverse and Copper Country regions.

Health services are now independent in the Grand Traverse area. In contrast, the medical industry of upper Michigan's Copper Country must have outside support to survive, project director Glenn Johnson says.

Greater access to expanding city medical facilities will not adequately meet the health care needs of remote rural areas, Johnson says. Qualified medical personnel must be drawn to outlying regions.

In both the Grand Traverse and Copper Country regions, local and state support is significant. Already as high as 37 per cent of the Copper Country's total public revenue goes to health and welfare assistance. Local leaders in Copper Country must now seek more public aid, Johnson says.

After a mining boom early in the 20th century, the Copper Country lapsed into slow population decline. Since 1910, the region's population decreased from 110,000 to 53,000. During the same period, the population throughout the rest of the state increased by about 6 million.

Despite low incomes and declining population, the Copper Country has utilized its resources better than many similarly endowed rural communities. But medical needs have increased at a greater rate than facilities.

There is just one physician per 1,644 residents in the Copper region. Elsewhere in the state, the ratio is one to 988.

Higher food prices seen

Fred Meijer, president of Meijer, Inc., of Grand Rapids, told a management student group last week that "a collision of events" is going to raise food prices even higher than they are now."

Among the factors for a likely food price hike, Meijer said, are rising grain costs, increased U.S. and world demand for beef, higher labor costs and a temporary leveling off of productivity in the food industry.

Meijer noted that more than 25 percent of the food chains in this country are currently losing money. His own stores — Meijer's Thrifty Acres — lost money in its food operation last year, but made up for the loss with profits from its other sales (hardware, clothing, auto and building supplies, housewares, etc.)

Meijer listed more than half a dozen grocery items that his stores were currently selling at prices below cost, a factor due in part to the price freeze and in part to intense competition.

He added that the industry has temporarily "run out of steam" in efforts to increase productivity and thus hold down price increases. But he said that "there will be new ways developed to be more productive, we just haven't found them yet."

While Meijer was not optimistic about prices in the near future, he outlined a number of developments that will soon further streamline the food industry. Someday, he said, shoppers may expect:

*Computerized checkout systems, with food items automatically checked as they pass through a laser beam.

*More complete product labeling, including such facts as caloric and nutritive content on all foods.

*More laws to protect the environment and to insure more honest advertising.

Meijer said that much of the public urging for more environmental awareness and consumer concern by business is justified.

He urged that businesses take the lead in solving environmental and consumer problems before the government prods them into action.

Meijer said that too many business executives view consumer activists as irritants. "Meeting consumer needs is good business," he said.

"Government never leads," he added, "it always follows. Business, by acting can avert government action..."

"Business people who cry most about government control are those who will bring it about."

Miles Davis here Friday

Miles Davis, the sensitive genius of jazz trumpet, will provide a taste of his "classical" contribution to jazz when he performs at the Auditorium Friday, (Jan. 26) at 8 p.m.

Davis, who has studied at the Juilliard School of Music describes his musical approach as comparable to that of a classical composer. He has also studied under such jazz greats as Charlie Parker and Sonny Stitt.

Davis says, "If you can hear a note, you can play it. I don't even think about harmony. It just comes. You learn where to put notes so they'll sound right."

Currently, the 47-year-old musician has two of the best selling jazz albums on the market, "Bitches Brew" and "On the Corner."

The concert is being sponsored by ASMSU Pop Entertainment, Inc.

Lectures focus on science, medicine

The critical relationships between medicine and science and the larger society served by these professions will be the subject of a series of lectures Jan. 22 through Feb. 7 sponsored by the College of Human Medicine, Department of Philosophy and Honors College.

June Goodfield, professor of philosophy and of Human Medicine, is the principal speaker in the series which will meet on Mondays and Wednesdays from 11:30 a.m. until 12:30 p.m. in Room 138 Akers Hall.

A prominent figure in the fields of medical and scientific education, she will focus on the origin of the social contract which defines the relationships between medicine, science and the larger society. She will also discuss several ethical and legal issues that face scientists and medical practitioners.

She has had a variety of experience in scientific and medical education, and has held positions at institutions throughout the world including Oxford and the University of Leeds, in Great Britain.

Mrs. Wharton lauds Oldenburg

An enthusiastic endorsement of sculptor Claes Oldenburg was given by Mrs. Clifton R. Wharton, Jr., in remarks made at the University Club's Tuesday luncheon.

Oldenburg, an internationally recognized artist, has been engaged to provide Downtown Lansing with a sculpture. The cost will be \$90,000 with half coming from the National Endowment for the Arts and the other half from private donations.

"Far too often," said Mrs. Wharton, "public awareness of the fine arts is limited to the major metropolitan areas."

"Now," she continued, Lansing will be the site of the newest monument by an artist of international fame. With funding from the National Endowment for the Arts, we will be able to place in our own community an outstanding work of contemporary art."

Mrs. Wharton, who served on the committee that selected Oldenburg, said that the committee has a program underway to "introduce Oldenburg to the community and the community to Oldenburg."

"Claes Oldenburg," Mrs. Wharton told the 200 guests, "is an artist who will not be pigeonholed; he is a sculptor who draws and paints; a writer who directs films."

"He is a parodist who does not intend laughter; a tragedian who can not stop grinning. He works in paint, in plaster and cloth and plastic, but his greatest skill is with another material altogether: The eyes and ears and noses and fingertips of the people around him."

Grant renewal aids handicapped children

A \$282,287 federal grant has been received by the University to continue the operation of its Regional Instructional Materials Center for Handicapped Children and Youth.

One of 13 regional centers around the country funded by the federal Bureau of Education for the Handicapped, it works to improve the education of handicapped children through the education of their teachers in the effective use of instructional materials and behavior - teaching strategies. The MSU center serves state departments of education in Michigan, Indiana and Ohio.

The children, who are the ultimate "customers" of the center, are not only the physically handicapped. They are also the children who have some type of mental or behavioral problem, or are having difficulty in an area such as reading. To a limited degree, the center also serves children with exceptional ability.

Begun in 1966, the center soon found it could not individually and directly help the 13,000 to 14,000 special education teachers and their students in the three - state area. It now works primarily with the state department of education, which it has assisted in developing their own information network.

Continuing education center

MSU 'arm' reaches community

This is the third 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.



BY
SANDRA
DALKA

BENTON HARBOR, Mi. — Benton Harbor is about two hours away from the MSU campus, and although this Berrien County community is "out of sight," it isn't "out of mind."

The MSU Southwest Continuing Education Center in Benton Harbor links the 85,000 metropolitan residents to the campus.

Albert S. Mowery, the center's director, explained that the center functions because of the needs and the financial and cooperative support of the community.

The center offers a variety of course work, including master's programs in business administration and mechanical and electrical engineering. But the center goes beyond these courses to bring MSU closer to the community.

It is joined with the Benton Harbor Area Office of Western Michigan University (WMU) and the Twin Cities (Benton Harbor/St. Joseph) Chamber of Commerce to provide those educational and enrichment programs not available through the public schools or the local community college.

The two universities have shared the

same building since the fall of 1966, the University Center. The closest neighbor in the same building is the Chamber of Commerce. The three share conference rooms, the library and other facilities.

"This cooperative effort has proved beneficial for all three interests," Mowery said. "If we don't have courses available for students we can send them to the next desk — the WMU side of the building."

Additionally, both universities work with the Chamber to provide seminar and training programs in industrial management.

Jeanne Dwan, a local business woman, volunteers her time to direct



ALBERT MOWERY

the management seminars. Recent seminars have included "PAMPOSE — The Psychological and Managerial Practices of Successful Executives" and "The Wife's Role in her Husband's Career."

Benton Harbor is a strong industrial community. (Berrien County ranks fifth in industry of Michigan counties). It has more than 200 manufacturers led by the Hydraulics Division of Bendix Corporation, Clark Equipment Company and the Whirlpool Corporation. With this type of base, there is a definite need for industrial management programs.

"The cooperation of the University Center has been instrumental in the success of these seminars," Mrs. Dwan said.

"The reason for this is the center's links to the MSU and WMU campuses, which provide us with outstanding speakers who might otherwise be impossible to obtain," she said.

An example is Eugene E. Jennings, professor of management, who directed the PAMPOSE seminar.

Anson L. Lovellette, director of industrial relations, the Hydraulics Division of the Bendix Corporation, is chairman of the Industrial Management Training Programs (IMTP). He also serves as chairman of the University Center Advisory Committee.

A leader of industry and the community, Lovellette in addition to his own expertise, provides the center with a direct pipeline to industry.

Mowery said that it is through such people as Lovellette and Mrs. Dwan that the center has become so totally involved with the community.

The industrial influence of the community is also reflected through the business and engineering programs offered through the MSU center.

Donald D. Kilner, professor of mechanical engineering, is the center's engineering program director.

"In addition to degree programs, there is a wide variety of certificate and non-credit classes," he said. "And there has been a shift to these non-credit programs during the last couple of years."

Kilner explained that this popularity in non-credit classes is due to the layoffs of many young people without technical training and a need of engineers to further their training without working towards an advanced degree.

"Many of the men in our engineering courses have been out of school for 30 or more years and need to be updated in their field," he said.

He explained that in many cases the companies in the area will need a course for their employees and seek the assistance of the center in establishing the courses.

The shift from engineering credit courses to the certificate or non-credit program is reflected in the center's enrollment figures. In 1966-67, there were 142 students enrolled in credit courses compared to 19 in non-credit. In 1971-72, there were 19 students in the credit program and 136 in the certificate or non-credit courses.

Kilner said that having a regional center has been advantageous to not only students who cannot go to a college campus for education, but for the industries who can draw on MSU for engineering courses in their own geographic community.

Mowery explained that instructors for the courses are drawn from qualified members in the community. "This is another link between MSU and the community."

The MSU Continuing Education Center was opened in 1955 and was established as a "resident center" for the master's degree program in engineering in 1960.

Local industry pledged \$50,000 per year for a five-year period to support the resident center concept. The support continues through employee



Albert Mowery and Stephen University's Benton Harbor Area share with Mrs. Selene Anderson Nesbitt, former member of the MSU

reimbursement programs. MSU assesses a special fee of \$26 per student above the regular credit course fee. The companies then reimburse the students, usually 100 percent.

Engineers and businessmen aren't the only groups being served by the Southwest Center.

The regional center has joined with Andrews University (AU), located in nearby Berrien Springs, WMU and Lake Michigan College (LMC), a community college located in Benton Harbor, in establishing the Institute of Paraprofessional and Professional Studies (IPPS) located on the LMC campus.

Kenneth Riley of LMC directs the IPPS program which was established three years ago under funds from Title I and Model Cities.

"The consortium of these institutions made this program possible and provided the initial thrust," Riley said.

Riley added that the program is geared to low-income families and offers such areas as training for teacher aids and personal development.



Photos by Dick Wesley

Donald Kilner, engineering program director, meets with Donald Knoop (left), an electrical engineer, Research and Engineering Center, Whirlpool Corporation. Knoop teaches courses for the center.



JEANNE DWAN



ANSON LOVELLETTE



ht), director, Western Michigan
information in the library they
sbitt is the son of Stephen
ustees.

The consortium aspect has continued in other areas as MSU has joined with AU, WMU, and the Berrien County Intermediate School District in offering a joint credit course program for beginning teachers and experienced teachers.

Hugo David, professor of teacher education and student teacher coordinator, is also based in the regional center.

His office, linked to MSU's College of Education, directs approximately 50 MSU students who are assigned as student teachers in the area.

He is also responsible for the Community Resources Workshops, held throughout the state, which link teachers to the problems and interests of the communities they serve.

Instrumental to the success of the center is Mowery.

A graduate of Pennsylvania State University, he has a B.S. in dairying, and a M.S. and Ph.D. in agricultural education. He came to his present position in 1962 after serving for four years as MSU's regional director of continuing education in the Upper Peninsula.

In addition to being director of the center, he is professor of continuing education and director of the center's graduate program.

Mowery said he believes in "links." Through his efforts he has provided a strong link for the center to the campus and to the community. With his work as president of the Adult Education Association of Michigan and as president of the Twin Cities Symphonic Society, Inc. and his activities in the local arts council, Mowery keeps the center visible both state-wide and locally.

Also instrumental in the center's success is the center's advisory committee.

Chaired by Lovellette, the committee is composed of local industrial, educational and community leaders.

This active committee not only provides a vital liaison with the community, but is currently looking into such areas as grants and financial assistance and assuring that the life-long educational needs of the community are met.

"We want to make sure the educational needs are met now, and in the years to come," Lovellette said.

Profs become substitute teachers

It was exciting, it was tough and it was tiring.

It was the "real world" experience of being a substitute teacher.

A group of MSU education professors got a taste of that world recently (Jan. 17) when they manned every classroom at the Sheridan Road Elementary School in Lansing for the afternoon while the teachers attended in-service training.

For some, it had been years since they had taught a class in a public school, but for all it was a vivid reminder that being a teacher is not easy.



BY
JANET
MARSH

Dean Keith Goldhammer of the College of Education encouraged his faculty to volunteer. Both he and Leland W. Dean, associate dean and director of the School of Teacher Education and organizer of the project, believe it's very important that college professors do not get too far away from the actual classroom experience.

The professors who participated came away enthusiastic supporters of that belief.

"It was great," says David H. Dean, assistant professor and assistant director

of the Mott Institute for Community Improvement at MSU. "I had forgotten how inquiring their minds could be."

In retrospect he said, "I'm under the impression that somehow we ought to require this kind of participation by as many of our university people as possible. I'm not sure how much we do equips people to operate in the everyday world."

Janet Alleman, associate professor of elementary and special education, concurs, "It's crucial that a professor know what the real world is about."

An elementary school teacher herself two years ago, she took along some teaching techniques to try out. At the end of the afternoon she passed out "thought cards" for her fourth graders to fill out. The students all said that everything had been fun, she said.

"It shows work can be fun," she says. "That's something we have to get across to more parents and teachers."

Of course, teaching has its hazards. "I almost broke my ankle playing kickball," she ruefully laughed.

Keith Anderson, associate professor of secondary education and curriculum,

had requested that he substitute for the kindergarten teacher. He got his wish and had a great time.

A former music teacher on the secondary level, he had never taught a kindergarten class in his life. In fact, it had been 12 or 13 years since he had done any teaching in a public school.

Soon he was playing the piano and the children were drawing pictures to match the mood of the songs, and marching in a circle to the rhythm.

"It was interesting, lots of fun and when it was all over I discovered I was really tired," he says, adding, "I gained a sympathy and respect for what teachers have to do on that level."

W. Vernon Hicks, professor of elementary and special education, was the substitute teacher for a lively class of fifth graders.

"It wasn't easy," he says, "and I suppose that's why it's worthwhile. We owe teachers a great deal more respect and consideration than we give them for the patience and understanding they have in working with children."

The others couldn't have agreed more.



Photo by Tom Peterman

James Snoddy, associate professor and acting chairman of elementary and special education, helps first graders at the Sheridan Road School in Lansing.

... Minority

(Concluded from page 1)

public service activities on and off the campus and 68 research projects dealing with a single racial minority or with the shared problems of all three groups.

These noncredit instructional programs with direct participation of minority group members included a conference for American Indians on the problems and experiences of their group in U.S. society; a conference for black police officers to identify and seek resolution to the unique problems they face; and a training program for black advisers working in residence halls.

There were 24 noncredit programs which were categorized as benefiting minorities although not necessarily involving them directly.

Examples of this type of activity include: a workshop to prepare teachers, administrators, and parents for school desegregation; a conference to improve the interpersonal skills of those who work with minority group members; and an institute to train school personnel working in deprived areas in the use of instructional development techniques to enrich instruction.

There were 130 public service activities reported by 17 different units of the University. Sixty-seven of these involved direct service to minority group members.

This category covers programs and services provided to communities in general and/or to specific sectors of a given community. These programs included: consultative services to three predominantly black colleges which are developing new geography programs; preparation and display of MSU Museum exhibits depicting various facets of minority group culture and heritage; establishment and operation of a Migrant Workers Clinic to provide on-site health care to migrant workers and their families; and MSU faculty and staff participation in the establishment of the Lansing Sickle Cell Anemia Foundation.

U development campaign breaks all records

The 1972 All University Development Fund Campaign attracted almost \$36,000, reports Chairman Jack Shingleton, who says the concept that allows faculty and staff members to help their own University, colleges and departments has gained wide acceptance in the three-year history of the drive.

The final reported figure of \$35,878 surpassed the goal of \$25,000 by almost \$11,000, more than doubled the 1971 total of \$14,407, and represents a four-fold increase from 1970, the first year of the drive, when \$9,655 was collected. In three years, the number of donors has jumped from 267 to 544.

"I feel confident that the drive will become even more successful as more faculty and staff realize how they can contribute substantially to their department at a minimum cost to themselves," Shingleton says.

Gifts can be designated to specific departments or account numbers, he points out. Federal and state tax credits that accompany the gifts mean a faculty

or staff member can contribute a sum to his department at a personal cost of between one-quarter and one-third of the amount depending on his taxable income and the size of his gift.

Leslie W. Scott, vice-president for development, says that contributions to the All-University Development Fund Campaign are an important spur to the University's over-all development efforts.

"When we solicit funds off-campus among alumni and other friends of the University, one of the questions frequently asked is how well the faculty and staff supports the University," he points out. "Being able to point to this success in attracting gifts from our own people becomes a tremendous asset."

The 1973 drive will formally get underway in the spring, with a follow-up campaign in the fall. Anyone wishing to contribute prior to the announcement of the drive can contact Jack Shingleton, Placement director, 355-9510.

Class tackles bike parking problems

The purchase of a bicycle by a University professor can become an educational process.

Charles W. Strieby, professor of urban planning and landscape architecture, and his students in LA 255 Architectural Design have exchanged views of the pros and cons of being a biker on and off campus.

Academic products of the mutual concerns, and a class assignment by Strieby, are 23 formal designs for parking bikes on campus. Major concerns in the designs were security of the parked bikes, construction of durable racks for accommodating large numbers of bikes, and aesthetic incorporation of the racks with layouts of campus structures and the natural beauty of the campus.

Strieby takes his chances riding his 10 - speed bike in good weather on Grand River, travelling between his Okemos home and the campus.

Who needs bike racks? Where?

Since the start of fall term, the office of Public Safety has issued 11,231 bicycle permits to students, faculty and staff. A spokesman for the office said the figure included second permits for persons who had had their first bike replaced because of theft or for other reasons, some damaged permits, and permits issued to persons no longer on campus. It did not include bikes registered elsewhere in the Greater Lansing area.

Bike racks on campus now number 880, according to John E. Zink, supervisor of grounds maintenance. The biggest concentration of them (239) is in the dormitory complex on South Hagadorn at the east end of the campus. The smallest group is two racks in Spartan Village. No figures are available on how many bikes can be put in all the campus racks.

"There just isn't room to put in any more," Zink said. "Residents of Spartan Village keep their bikes on their breezeways, by their apartment doors, or inside."

The campus racks come in single and double styles, and range in length from

10 to 12 to 15 feet, with a few 20 - footers at Akers Hall.

Strieby's architectural design students in this first project of the term, were given limited direction. They were told to be innovative and practical, and to use different forms and patterns adaptable to a variety of settings.

The results in terms of bike - security were racks that allowed locking of one or two wheels, or the gear mechanism. Some of the metal bars are portable but can be imbedded in cement. Other racks are made of metal and precast concrete. Still others combined bike racks and planters, or racks and campus light posts or directional signs. Many have shallow

wells in concrete or metal for the front wheel to roll into.

Most of the racks are straight and adaptable to rectangular placement. One student designed curved racks that can be spaced in single or double circles around large or small trees in open squares or paved areas near buildings.

Strieby said the designs will be displayed for much of this term in the halls of the UPLA building. The students now are designing a commercial structure for sale and repair of bicycles. They will conclude the term designing large - scale contemporary houses.

About owning and using bikes on campus, the professor says he agrees

with his students that the problems are maintenance of the bikes; finding safe routes on and off campus; the fact that car operators often tend to be blind, visually and psychologically, to cyclists; that pedestrians can be hazards too; and that everybody needs to be more careful.

In fall term, there were complaints about traffic and bicycles on campus from campus police, busdrivers, car operators, bikers and pedestrians.

Strieby suggests that bikers wear clothing in easily seen colors, or carry the orange flags on wood poles which are used increasingly by distance cyclists on secondary roads in Michigan and elsewhere in the nation.

—FRAN MURRAY

NCAA sets new recruiting limits

The first breakthrough in limiting the wholesale recruiting of athletes by some universities and athletic conferences was achieved at the recent annual convention of the National Collegiate Athletic Association (NCAA) in Chicago, reports John A. Fuzak, associate dean of the College of Education and a member of the NCAA's Executive Council.

The NCAA voted to limit the number of athletic scholarships its member institutions can grant each year as well as the number they can have in effect at any one time.

In football, NCAA schools will be allowed 30 grants - in - aid a year (the limit now in the Big Ten) with no more than 105 in effect at any one time. In basketball, the respective numbers are six and 18. Specific limits are also placed on all other sports.

The new rule effectively eliminates the "red - shirt" rule adopted by some conferences that allows an athlete five years to complete his eligibility. Under the NCAA limit of 105 grants in effect at once, for example, a school that holds a player out of competition for a year as a "red shirt" would probably

lose one grant to an incoming freshman.

"This will greatly improve our competitiveness with schools that use the "red shirt" rule and offer a larger number of athletic grants," Fuzak said.

At the same time, the NCAA eliminated the "1.6 rule" under which an athlete was scholastically eligible to enter and compete if his high school grades and college entrance tests indicated he could do 1.6 work as a freshman and progress to at least a 2.0 in four years.

It was replaced by a requirement that potential athletes have a 2.0 high school record.

Fuzak said the long standing controversy over whether or not athletic grants should be made solely on need was brought to a vote and soundly defeated.

He said there were many factors involved in the opposition to aid on the basis of need, one of the major ones being the feeling that it invited cheating.

"I think there is more honesty and less cheating with regard to football recruiting now than ever before in the

history of college athletics," Fuzak said.

Fuzak said an effort to reorganize the NCAA, one that has been pushed by many major universities for a number of years, was also defeated. But the body decided to hold a special convention later this year to explore the possibility further.

Fuzak, who favors a reorganization, explained that the 660 member institutions of the NCAA include many dissimilar colleges and universities who provide varying degrees of emphasis on athletics and thus have quite different interests.

Presently, each member has one vote on most major policy decisions regardless of its size or the extent of its athletic program.

Fuzak believes the convention will act on a proposal to divide the body into three "legislative" sections composed of major universities, middle - size institutions and small colleges.

The three would function under a single constitution, but would draw up their own bylaws with reference to recruiting, eligibility and other matters.

MSU Positions Available

IMPORTANT: Administrative - Professional and Clerical - Technical applicants should contact the Employment Office at 353 - 4334 by January 30, 1973 and refer to the vacancy by the position number. Instructional staff applicants should contact departments noted.

FACULTY

Dept. Crystallographer in Chemistry (Ph.D. and experience with a 4 Circle Picker Diffractometer) Position is guaranteed for two years and there will be ample opportunity for independent and cooperative research. Contact: Jack B. Kinsinger, Chmn., Dept. of Chemistry

Asst. Prof. of History (Ph.D., or near) Specialization in Afro - American history. Undergraduate and graduate teaching duties. Contact: J. H. Slotow, Chmn., Dept. of History.

Prof. & Chairman of Family Ecology (Ph.D.) Competence in Family Management and Family Economics. Teaching of undergraduate students. Ability to conduct research and work with graduate students. Contact: Beatrice Paolucci, Dept. of Family Ecology.

Asst. Prof. of Mathematics (Ph.D. in Mathematics) Must be an enthusiastic and competent teacher as well as have the desire and ability to do research. Contact: C. P. Wells, Chmn., Dept. of Mathematics.

Hall Director (M.A. in student personnel administration or closely related field.) Past residence hall supervisory experience required. Duties involve administration of a

residential unit of 1200 students, supervision of a staff composed of graduate and undergraduate students, and liaison relationships with management, counseling center personnel, and faculty. Contact: Beverly Belson, Dir. Staff Selection, Student Services.

Head Resident Advisor (M.S. in student personnel administration or closely related field.) Past residence hall experience desirable. Duties involve administration of a residential unit of 400 - 600 students, supervision of a staff composed of graduate and undergraduate students, and liaison relationships with management, counseling center personnel and faculty. Contact: Beverly Belson, Dir. Staff Selection, Student Services.

Extension Asst., 4 - H Youth Programs (B.A. in field applicable to Extension 4 - H - Youth work with competencies in Human Ecology (Home Economics) and Education) Must be able to translate technical and academic subject - matter into easily understood terms for youth and adult programs; must have effective communication skills to work with staff and clientele. Contact: Gary M. Glazier, Cooperative Extension Service

Asst. Prof. of Psychology (Ph.D. Industrial and Organization Psychology) Specialization in organizational behavior. Demonstrated competence and enthusiasm for both undergraduate teaching and field research in work organizations. Strong promise of graduate teaching competence. Contact: Frederic R. Wickert, Dept. of Psychology

Asst. Prof. of Psychology (Ph.D.) Experimental psychologist productively

involved in research and competent to teach a variety of courses. Preferential consideration given applicants with post - Ph.D. evidence of teaching and research ability. Contact: James Zacks, Dept. of Psychology

Asst. Prof. of Psychology (Ph.D. in Clinical Psychology with completed internship) Speciality: community psychology or community child and family. Contact: Dozier W. Thornton, Dept. of Psychology

CLERICAL - TECHNICAL

127. Secretary, Senior "J" - Typing 60 wpm, dictation 80 wpm, three years secretarial experience. Secretary to dept. chairman; must be able to assume responsibility, supervise others, and coordinate clerical details of an office. \$3.60/hr.

130. Art Shop Supv. X (MFA degree) Charge of sculpture shop and foundry and woodshop; supervision of graduate assistants. College teaching experience preferred. \$8,973 - 11,147

131. Executive Secretary VIII - Excellent typing and shorthand; general office work; basic bookkeeping skills. Secretary to a dept. chairman; work with minimum supervision; assume responsibility; able to deal effectively with public and faculty. \$7,474 - 9,576

132. Sr. Dept. Secretary VII - Excellent secretarial skills; shorthand not required. General office work; able to deal effectively with faculty and students. Will be working for approximately four professors. \$6,660 - 8,272

133. Sr. Dept. Secretary VII - Typing 60 wpm, shorthand 120 wpm; experience required in maintaining budgeted accounts and financial records. Required knowledge of office business procedures, supervisory ability

and accuracy in all office functions. Candidate must have history of above average work attendance. \$6,660 - 8,272

134. Sr. Clerk "F" - Excellent typing and shorthand; will be working for approximately three professors; some bookkeeping; general office work. This job will end June 1973 (there is a chance it may be funded again). \$3.21/hr

135. Secretary "H" - Responsible for daily bookkeeping of five departments. Knowledge of MSU accounting system desirable. Ability to prepare and handle student and labor payroll time cards, reports for grants, and contracts. Accurate typist. \$3.20/hr 136. Secretary "H" - Fast and accurate typist. Shorthand necessary. Knowledge of IBM - MT/ST desirable. Ability to use dictation recording equipment. \$3.16/hr

137. Principal Clerk VI - Must have supervisory experience and be able to work with minimum of supervision in order to supervise three employees and be responsible for all record - keeping responsibilities. Desirable: knowledge of Univ. bookkeeping procedures and familiarity with grants and gifts forms and cash deposits. \$6,436 - 8,048

Accounting Clerk V (2 vacancies)

\$6,267 - 7,389

Departmental Secretary V (3 vacancies)

\$6,367 - 7,389

Senior Clerk IV (1 vacancy)

\$5,735 - 6,926

Clerk - Stenographer III (1 vacancy)

\$5,511 - 6,562

Clerk - Typist II (1 vacancy)

\$5,440 - 6,422

MICHIGAN STATE UNIVERSITY IS AN
EQUAL OPPORTUNITY EMPLOYER

BULLETINS

STEERING COMMITTEE The Steering Committee will meet at 3 p.m., Monday, Jan. 29 in 443A Administration Bldg. to set the agenda for the Feb. 6 Academic Council meeting.

COURSE IDEAS The Evening College would welcome ideas from faculty and staff for courses and topics that would be appropriate to offer in the spring term noncredit Evening College program. Suggestions should be submitted to Charles McKee, director, 19 Kellogg Center.

GREEK BRONZE AGE John Clarence Overbeck, associate professor of classics, SUNY, Albany, will speak on "Kea and the Middle Cycladic Bronze Age" at a meeting of the Central Michigan Society of the Archaeological Institute of America at 8 p.m. Wednesday, Jan. 31. This public lecture will be held in the main gallery of Kresge Art Center.

PHI KAPPA PHI Undergraduate members of Phi Kappa Phi may apply for a Sparks Memorial Graduate Fellowship paying \$3000 to assist in a year of graduate study immediately following graduation. Applications forms may be obtained from Beverly Anderson, 5-5141, 330 Engineering, or D.J. Montgomery, 5-5157, 319 Engineering, and must be returned to that office by Friday, Feb. 9.

SCHOLARSHIP LUNCHEONS Tickets are available for the two benefit dessert bridge parties on Wednesday, Feb. 14 at 12:30 p.m. at the home of Mrs. Stanley Drobac and on Friday, Feb. 16 at 7:30 p.m. at the home of Mrs. W. Henry Kennedy. Ticket reservations may be made by calling Mrs. Paul Nilsson, 372-1021 or Mrs. Robert Blanks, 372-7350. Tickets will also be available Feb. 1 at the University Club. Anyone unable to attend one of the scholarship functions but desiring to contribute to the fund directly, may send check made payable to Faculty Folk to Mrs. William T. Magee, treasurer.

SEMINARS

MONDAY, JANUARY 29, 1973

Determining research priorities for African agricultural development: The experience of the Rural Economy Research Unit. David Norman, Rural Economy Research Unit and Dept. of Agricultural Economics, Ahmadu Bello U., Zaria, Nigeria, 1:15 p.m., 16 Agriculture.

Structures of complexes of the platinum metals with constituents of biological molecules. Joseph Stanko, Pennsylvania State U., 4 p.m., 136 Chemistry. **Biophysics.**

High forage yields and forage quality. M.B. Tesar, 12:30 p.m., 126 Anthony. **Dairy Science.**

Science, medicine and society: Issues, priorities and ethics. June Goodfield, 11:30 a.m., 138 Akers. **Human Medicine, Philosophy, Honors College.**

Water management and land disposal practices in southern California. Raymond L. Stoyer, Irvine Ranch Water District, Irvine, Calif., 3 p.m., 221 Natural Resources. **Institute of Water Research.**

Coronary vascular resistance during respiratory gas changes in the dog. Ina C. Ehrhart, 4 p.m., 216 Giltner. **Physiology.**

TUESDAY, JANUARY 30, 1973

How processes come into being in spite of everything. Noland Poffenberger, Dow Chemical, Midland, 4 p.m., 284 Engineering. **Chemical Engineering.**

The influence of packaging on the shelflife of foodstuffs. M.H. Hassan, 4:10 p.m., 103 Food Science. **Food Science and Human Nutrition.**

Research and production of gerbera flowers and plants in Israel. Joseph Shaub, Hebrew U., Rehovot, Israel, 4 p.m., 209 Horticulture. **Horticulture.**

Mechanically stimulated thermal changes in metals. Gerald Moss, Aberdeen Proving Grounds, 4:10 p.m., 312 Engineering. **Metallurgy, Mechanics and Materials Science.**

Microbial degradation of naturally-occurring polymers and organic wastes. W.J. Nickerson, Institute of Microbiology, Rutgers U., 4:10 p.m., 146 Giltner. **Microbiology and Public Health.**

Catecholamine Biosynthesis. Irwin J. Kopin, chief, Laboratory of Clinical Sciences, National Institute of Health, 4 p.m., 449B Life Sciences. **Pharmacology.**

Transformations on Brownian motion. T. Hida, Nagoya U., Chikusa-Ku, Nagoya, Japan and U. of Minnesota, Minneapolis, 4:10 p.m., 405A Wells. **Statistics and Probability.**

OPEN HOUSE

The Dept. of Public Safety will hold an open house in honor of retiring Jack Hodge from 2 to 4 p.m. Tuesday, Jan. 30 in the lounge, Quonset 103.

DOG OBEDIENCE

Wives of veterinary students are sponsoring dog obedience classes beginning March 19 with registration on a first-come, first-served basis. Call Pat Smith, 489-7675, Diane Ford, 393-6653, or Fran Schene, 349-3383 after 6 p.m.

ENVIRONMENTAL FILMS

"The Rise and the Fall of the Great Lakes," "The Gifts" and "The Run-around"—three environmental films—will be shown by the Michigan Students Environmental Confederation at 6:30 p.m. Thursday, Feb. 1 in East McDonel Lounge. The showing is the first in a series of four. There is no charge for admission.

VISITING SCHOLARS

The "Visiting Scholars in Medicine" series sponsored by the College of Osteopathic Medicine will feature a lecture by Irwin J. Kopin M.D., chief of the Laboratory of Clinical Science, National Institute of Mental Health, at 12:30 p.m., Wednesday, Jan. 31 in the Kellogg Center Centennial Room. His topic will be "How Drugs Act at Adrenergic Nerve Endings." Luncheon reservations may be made by calling 3-4734.

ANDERSONVILLE TRIAL

Auditions are open to faculty and teaching assistants for a "rehearsed reading" of Saul Levitt's "The Andersonville Trial" to be presented March 9 and 10. Auditions for the all-male, 15-character drama will be held in 49 Auditorium at 7 p.m. Jan. 30 and 31. Rehearsals are tentatively set from 4:30 to 6 p.m. Tuesdays and Thursdays and at 9 a.m. Feb. 3 and 17 and March 3. The program will be directed by Jon Baisch and produced by the Program in American Studies and the Department of Theatre. For further information, call coordinator V.M. Howard, 3-9349.

WEDNESDAY, JANUARY 31, 1973

Methodology and problems of farm management research in West Africa. David Norman, Rural Economy Research Unit and Ahmadu Bello U., Zaria, Nigeria, 1:15 p.m., 16 Agriculture.

Science, medicine and society: The origins of the profession. June Goodfield, 11:30 a.m., 138 Akers. **Human Medicine, Philosophy, Honors College.**

Effect of cooking methods of pesticide residues in meat and Dieldrin (HEOD) distribution in obese, normal weight, and semi-starved rats. Mary Zabik and Rachel Schemmel, 4 p.m., Pesticide Research Conference Room. **Pesticide Research Center and Food Science and Human Nutrition.**

Ribosomal protein phosphorylation. Anthony Trewavas, U. of Edinburgh, 4:10 p.m., 101 Biochemistry. **Plant Research Laboratory.**

THURSDAY, FEBRUARY 1, 1973

Economics of agricultural production and labor utilization among the Hausa in the north of Nigeria. David Norman, Rural Economy Research Unit and Ahmadu Bello U., Zaria, Nigeria, 3:30 p.m., 312 Agriculture.

Ketosis. George F. Cahill, Jr., Dept. of Medicine, Harvard Medical School, 4:10 p.m., 101 Biochemistry. **Biochemistry.**

Remote sensing studies related to land use in Michigan. Delbert L. Mokma, 4 p.m., 309 Agriculture. **Crop and Soil Sciences.**

Dietary cholesterol and carbohydrate metabolism enzymes in rat liver. Allen Tsai, 12:30 p.m., 206 Food Science. **Food Science and Human Nutrition.**

Aggression and construction in monitored play therapy. Luciano L'Abate, 4 p.m., 111 Olds. **Psychology.**

FRIDAY, FEBRUARY 2, 1973

Implications of farm management research for Nigerian rural development: Policy guidelines and further research. David Norman, Rural Economy Research Unit and Ahmadu Bello U., Zaria, Nigeria, 3:30 p.m. 312 Agriculture.

Post-coital antifertility mechanisms. D.E. Longenecker, Dept. of Pharmacology, Mead Johnson Research Center, Evansville, Ind., 3:30 p.m., 146 Giltner. **Endocrine Research Unit.**

FRIDAY, JANUARY 26, 1973

- 8 p.m. Pop Entertainment—Trumpet artist Miles Davis, known for his free-form style and recent albums "Bitches Brew" and "On the Corner" will perform. Tickets are available at the Union Ticket Office. Auditorium.
- 8 p.m. "Little Green Men"—The theory of extraterrestrial intelligent life in the universe is the topic of this program in the sky theatre. "Little Green Men" recounts billions of stars which many scientists believe may contain solar systems similar to our own and raises possibilities of communication with life on other planets. Following the 8 p.m. shows, there will be a special presentation on the current sky with an outdoor observing session if weather permits. Abrams Planetarium.
- 8 p.m. Mariah-Martain Mull will provide folk and blues music. McDonel Kiva.
- 8 p.m. "The Owl Killer"—The trials a black factory worker meets on his job are reflected in his family life in this play written by Phillip Hayes Dean and performed by the Black Arts Company. 49 Auditorium.
- 10 p.m. "Little Green Men" (see above). Abrams Planetarium.
- 10:30 p.m. Mariah (see above). McDonel Kiva.

SATURDAY, JANUARY 27, 1973

- 12 p.m. Women's intercollegiate swimming—MSU vs. Michigan and Waterloo, Ontario.
- 1:30 p.m. Gymnastics—MSU vs. Indiana. Jenison Fieldhouse.
- 2 p.m. Swimming—MSU vs. Texas. Men's IM Pool.
- 2:30 p.m. "Little Green Men" (see Jan. 26). Abrams Planetarium.
- 8 p.m. World Travel Series—Settled first by the Phoenicians five centuries before the Christian era, "Sicily—Island of the Sun" has the mark of ten other conquests on its present civilization. Robert Davis will lead visitors through Monreale, the Greek theatre at Syracuse, and to a performance of the noted puparo Scalfani in this color film and lecture presentation. Tickets are available at the Union Ticket Office. Auditorium.
- 8 p.m. "The Owl Killer" (see Jan. 26). 49 Auditorium.
- 8 p.m. "Little Green Men" will be followed by a skywatching session (see Jan. 26). Abrams Planetarium.
- 8 p.m. Mariah (see Jan. 26). McDonel Kiva.
- 10 p.m. "Little Green Men" (see Jan. 26). Abrams Planetarium.
- 10:30 p.m. Mariah (see Jan. 26). McDonel Kiva.

SUNDAY, JANUARY 28, 1973

- 4 p.m. "Little Green Men" (see Jan. 26). Abrams Planetarium.
- 8 p.m. "The Owl Killer" (see Jan. 26). 49 Auditorium.
- 8:15 p.m. Graduate recital—Mary Black, soprano. Music Auditorium.

MONDAY, JANUARY 29, 1973

- 8:15 p.m. Lively Arts Series—Soprano Beverly Sills will demonstrate the talent that won her triumphs at La Scala, Covent Garden, New York City Opera and the San Francisco Opera. Her career includes repeated network TV appearances on the Mike Douglas, Dinah Shore, and Ed Sullivan shows. Tickets are available at the Union Ticket Office. Auditorium.

TUESDAY, JANUARY 30, 1973

- 12 p.m. University Club luncheon—W. Donald Weston, associate dean for clinical and community affairs, College of Human Medicine, will speak on "Our Statewide Medical Campus." He has been a key figure in the establishment of clinical training programs for MSU students in Alma, Flint, Grand Rapids, Jackson, Lansing, Owosso and Saginaw.
- 8 p.m. International folkdancing—Instruction will be followed by free dancing at 9 p.m. 327 M.A.C.
- 8:15 p.m. "Magic Afternoon"—Tickets for this Performing Arts Company presentation are available at the Dept. of Theatre, 149 Auditorium. Arena Theatre.
- 8:15 p.m. Graduate recital—Kenniston Bauman, Trumpet. Music Auditorium.

WEDNESDAY, JANUARY 31, 1973

- 8:15 p.m. "Magic Afternoon" (see Jan. 30). Arena Theatre.

THURSDAY, FEBRUARY 1, 1973

- 7 p.m. Junior varsity hockey—MSU vs. Lake Forest. Ice Arena.
- 7 p.m. "To Be Young, Gifted and Black"—The off-Broadway hit depicting the life of black playwright Lorraine Hansberry will be presented by the Center for Urban Affairs and Justin Morrill College. There is no charge for admission to this film presentation. 109 Anthony.
- 8:15 p.m. "Magic Afternoon" (see Jan. 30). Arena Theatre.
- 8:15 p.m. Faculty recital—Elsa Ludewig-Verdehr, clarinet. Music Auditorium.
- 9 p.m. "To Be Young, Gifted and Black" (see above). 109 Anthony.

FRIDAY, FEBRUARY 2, 1973

- 8:15 p.m. Chamber Music Series—Jean-Pierre Rampal, flute, and Robert Veyron-Lacroix, harpsichord, are considered two of the finest musicians in their fields. Tickets are available at the Union Ticket Office. Auditorium.

CONFERENCES

- Jan. 28 Team Leaders for Community Relations & Administrators of Justice
- Jan. 28 - Mortgage Bankers Case Study Seminar
- Jan. 29 - Grand Rapids IIA Insurance 22 Insurance Institute

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

EXHIBITIONS

Library

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

Kresge Art Center

North Gallery: 20th century prints showing a wide variety of styles and techniques, on loan from the collection of Western Michigan University. Artists include Appel, Albers, Jasper Johns, Ellsworth Kelly, Claes Oldenberg, Dine, and Lichtenstein. Open 9 a.m. to 5 p.m. weekdays; 7 to 9 p.m. Tuesdays; 1 to 4 p.m. Saturdays and Sundays.

Entrance Gallery: Photographs by Roger Funk, professor of photography in the Department of Arts and Letters and Assistant Dean in the College of Arts and Letters.

Museum

"Artisans Old World and New"—Ten intricately built dioramas featuring early American crafts now introduce the new hall on second floor west. This former Hall of Military History is in process of being redesigned.

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.