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."

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 3,583 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.

According to Miss Lund, 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 positions, 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 natural 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 need to spend some time with my bike and hike and enjoy the outdoors." she said.

--SANDRA DALKA

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)
One of the most recent Research Career Development Awards from the National Institutes of Health, NIH, to MSU scientists has gone to Dr. 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 percent of his work to research in his laboratory in Glinton 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 NIH winners of NIH awards. It has atmosphere which includes background music. One other award-winner, James E. Troxko, had art work hanging throughout his laboratory. Another, Clifford W. Welch, 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 "gemütlich." It is good for the creativity so essential to quality research.

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

Dear Editor:

Editor: Mike Morrison

Why no news on Hildebrand?

To the Editor:

Why has the MSU News-Bulletin failed to carry any factual reporting on John Hildebrand? It was on the MSU campus for the last four years and he has appealed the decision through a number of channels both on and off campus.

At least 10 committees working on the "Day" have him filleted by NIH 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 game times for these varsity games will open at 3 p.m. Jayvee basketball 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 6 p.m. varsity games. These schedules will be announced.

Players had to forfeit two games to make room for some problems some fans arriving early for jayvee games, sitting in reserved ticket areas and then moving out when the reserved ticket holders arrived.

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.

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" is organized by Margaret Boschetti of MSU's Department of Human Environment Design and Decor, 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 Spyra, a gymnastics coach, will direct rhythmic gymnastics. James Victoria, art department, will demonstrate carousel for children. Mrs. Victoria and area Girl and Boy Scout troops will assist.

The MSU Museum will use songs and guitar to illustrate "Michigan Legend and Lore" for the young.

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.
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 the first three quarters of last year. This was in part due to intense competition.

He added that the industry has temporarily "run out of steam" in efforts to increase productivity and has held 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 of 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 see 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'd 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 136 Abers 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 Leicester 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 $300,000 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," the 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 pedestrian who does not intend to laugh; a genius 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 - training 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 normal 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, M.- Benton Harbor is about two hours away from the MSU campus, and although this Berrien County community is "out of sight," it is not "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 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 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.

Jeanne 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 programs and 156 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 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.

Donald Kilner, engineering program director, meets with Donald Knoop (left), an electrical engineer, Research and Engineering Center, Whirlpool Corportation. Knoop teaches courses for the center.
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 Sherwood 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 what a vivid reminder that being a teacher is not easy.

Dean Keith Goldhammer of the College of Education, a member of the faculty, said the introduction to black faculty to black students was a success.

Both he and Leland W. Dean, professor 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 intriguing 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 credit. They are giving us for the patience and understanding they have in working with children."

The others couldn't have agreed more.

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

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 $35,875 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, where $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 overall 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.
The purchase of a bicycle by a University professor can become an educational process.

W. Strieby, professor of urban planning and landscape architecture, and his students in LA 255 Architecture 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, and a variety of bike styles. The number 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, traveling between his Okemos home and the campus.

Who needs bike racks? Where?
Since the start of fall term, the office of Parking Services has issued 11,231 bicycle permits to students, faculty and staff. A spokesperson for the office said the figure included second permits for persons who had had their first bike replaced because of theft or for persons asking for additional permits, and permits issued to persons no longer on campus. It did not include bikes with a second permit issued elsewhere in the Greater Lansing area.

Bike racks on campus number now 880, according to John E. Zink, supervisor of grounds maintenance. The biggest concentration of them (228) is in the dormitory complex on South Hagadorn at the east end of the campus. The smallest group is two racks (one each) available on how many bikes can be put in all the campus racks.

"We can 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 feet, with a few 20-footers at Elks Hall.

Strieby's architectural design student in this first project of the term, were given limited direction. They were told to be innovative and practical, to use different materials 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 mechanisms. Some of the metal bars are portable but can be immobilized in cement. Other racks are made of metal and bolted to concrete. Strieby combined bike racks and planters, or racks and campus light posts 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 Engineering Building. The students now are designing a commercial structure for sale and repair of bicycles. They will conclude the term designing large-scale contemporary homes.

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 campus streets 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 full term, there were complaints about traffic and bicycles on campus from campus police, budstriers, car operators, bikers and pedestrians.

"The kind of clothes that bikers wear in easily seen colors, or carry the orange flags on wood poles which are a must," said W. Strieby, chairman of bicycle enthusiasts on secondary roads in Michigan and elsewhere in the nation.

FRAN MURRAY

NCA sets new recruiting limits

The first breakthrough in limiting the wholesale recruiting of athletes by some of the nation's top schools 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 director of the NCAA's Executive Council.

The NCAA voted to limit the number of outside recruiters among 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 a year (the limit now is 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 rule, 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 all athletes were required to enter a school and compete if his high school grades and college entrance test scores indicated he was a high school freshman and progress to at least a 2.0 in four years.

Fuzak said the rule 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 need-based was finally dropped.

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

"I think there is more honesty and less cheating with regard to football recruiting now, fire even before in-the-history of college athletics," Fuzak said.

Fuzak aid an effort to recognize 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 idea of a national program.

Fuzak, who favors a reorganization, explained that the 66 member institutions of the NCAA include many distant 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 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, mid-size institutions and small colleges.

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

IMPORTANT: Administrative - Professional Technical applicants should contact the Employment Office for appointment to interview. Information on positions apply to the vacancy by the position number. Interested applicants must contact department secretaries.

FACULTY

Dept. Cryptographer in Chemistry (Ph.D. and experience with a 4 Circle Picker) is temporarily available. Interested applicants must contact the Department of Chemistry.

Asst. Prof. of History (Ph.D., or near) - 30 - 40.

Prof. & Chairman of Family Ecology (Ph.D., or near) - 45 - 50.

Prof. of Mathematics (Ph.D., or near) - 35 - 40.

Asst. Prof. of Psychology (Ph.D., or near) - 25 - 30.

Prof. of English (Ph.D., or near) - 50 - 55.

CLERICAL - TECHNICAL

Dept. Secretary to a dept. - 25 - 30.

Asst. Prof. of History (Ph.D. or near) - 20 - 25.

Prof. of Mathematics (Ph.D., or near) - 35 - 40.

Prof. of Psychology (Ph.D., or near) - 45 - 50.

CLERICAL - TECHNICAL

Dept. Secretary to a dept. - 25 - 30.

Asst. Prof. of History (Ph.D., or near) - 20 - 25.

Prof. of Mathematics (Ph.D., or near) - 35 - 40.

Prof. of Psychology (Ph.D., or near) - 45 - 50.

Asst. Prof. of Psychology (Ph.D., or near) - 20 - 25.

Prof. of Mathematics (Ph.D., or near) - 35 - 40.

Prof. of Psychology (Ph.D., or near) - 45 - 50.

Asst. Prof. of Psychology (Ph.D., or near) - 20 - 25.

Prof. of Mathematics (Ph.D., or near) - 35 - 40.

Prof. of Psychology (Ph.D., or near) - 45 - 50.
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 "Kee 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 DJ. 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 Drobuc 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 Nilson, 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 Fed to Mrs. William T. Magee, treasurer.

SEMINARS
MONDAY, JANUARY 29, 1973
Determine 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.
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 Gilnser. Physiology.

TUESDAY, JANUARY 30, 1973
Catecholamine Biosynthesis. Irwin J. Kopin, chief, Laboratory of Clinical Sciences, National Institute of Health, 4 p.m., 449B Life Sciences. Pharmacology.

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 OBEIDENCE
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 Run­around"—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 7 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.

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.
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 Gilnser. Endocrine Research Unit.

For general information about MSU, please call 353-8700.
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-Martin Mull will provide folk and blues music. McDonal 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). McDonal 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 papparo 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" (see Jan. 26). Abrams Planetarium.
8 p.m. Mariah (see Jan. 26). McDonal Kiva.
10 p.m. "Little Green Men" (see Jan. 26). Abrams Planetarium.
10:30 p.m. Mariah (see Jan. 26). McDonal 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.

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

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

Kreege 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.

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, Denis, 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 folk dancing—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.

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.

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, 5-4990.

Entrance Gallery: Photographs by Roger Funk, professor of photography in the Department of Arts and Letters and Assistants 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 Service, 109 Agriculture Hall. (517) 333-8819.
Deadline for submitting information is noon Tuesday preceding the Thursday publication.