



\$9.1 Million For 3 New Buildings

Fine Arts Festival Highlights Lectures, Seminars On Arts



STRUM COOL CHORDS -- Three jazz enthusiasts playing with the Congress of Strings discuss campus activities prior to practice. For related story see page 3.

Crowded Culture Calendar

By SUE JACOBY
State News Staff Writer

MSU's fourth annual Fine Arts Festival is jamming the campus calendar with cultural activities this week.

Today's program is highlighted by lectures and seminars on the arts. All of them are open to the public free of charge.

Dr. Paul Oberg, chairman of the University of Minnesota music department, will discuss "Careers in Music" at 10 a.m. in the music auditorium. Oberg is serving as dean of the Congress of Strings, a program for promising young musicians sponsored by the American Federation of Musicians on campus this summer.

A colloquium on art at 10 a.m. in Kresge Art Center will be led by Rudolf Arnheim, a faculty member at Sarah Lawrence College, and Angelo Ippolito, distinguished visiting artist at MSU.

Javanese court dances will be performed by guest artist Hardja Susilo in the music auditorium at 4 p.m. A workshop in ethnic and folk dancing directed by Susilo and Anne Schuster is being coordinated with the Fine Arts Festival.

Today's activities will conclude with a lecture on 20th century theatre by Mordecai Gorelik, Broadway designer and research professor at Southern Illinois University, in the Kiva at 8:15 p.m.

An exhibit of Gorelik's designs for theatre and movies will be on display in the Union until July 24. Gorelik will lead a colloquium on theatre design Thursday at 10 a.m. in the Kiva. Wednesday's program will also include a lecture on "50 Years of Music Making" by Michel Piastro, former concertmaster of the New York Philharmonic Orchestra and conductor of the Longines Symphonette.

Karen Duke will present a folk concert, "Songs with Guitar," at 8:15 p.m. in the Kiva. There is no charge for any of Wednesday's events.

Northern Total Solar Eclipse First In Nearly Decade

By SHARON LEGATZ
State News Staff Writer

On July 20, the blazing summer sun will be blotted out in parts of the Northern Hemisphere during the first total solar eclipse since 1954.

The shadow of the moon will begin tracing its "path of totality" on the earth at the Northern Japanese island of Hokkaido.

The "path of totality," according to Dr. James Stokley, journalism and astronomy professor at Michigan State University, is the area where the sun will be completely hidden as it "crosses" the earth in a sweeping arc. Four hours later, after darkening the skies across Alaska,

Canada and Maine, the shadow will disappear as it moves into the North Atlantic," he said.

Because Michigan is south of the 50-mile wide path of totality, observers here will see a partial eclipse of about 75 percent. This stage will occur about 4:35 p.m.

A total solar eclipse can occur only when the new moon passes in front of the sun and the satellite casts its shadow on the earth, he explained.

"As the moon begins to pass before the sun, the latter resembles a cookie from which someone has taken a timid bite," he added.

During a total eclipse, before it is almost "swallowed up,"

slivers of sun may be seen as "Baily's beads." The phenomenon occurs when rays of the sun shine through the valleys of the moon.

During the interruption of the sun's light, scientists are able to observe the "corona"—a flaming outer envelope of gases around the sun, generally obscured by the sun's glare.

Also visible for a time are planets and bright stars near the sun. Stokley said the effect of an eclipse on radio transmission is studied at this time.

Another interesting phenomenon which will be visible in this area during the eclipse will be the formation of crescents of light under the trees.

Stokley said the sun shining through the openings between overlapping leaves causes miniature images of the sun to be cast on the ground.

However, during a partial eclipse, such as will be seen here, the light from only one quarter of the sun will be visible at the height of the eclipse.

This will cause the pinpoint openings between the leaves, which act as lenses, to reproduce the sun's crescent-shaped image. So the spots of light under the trees will be crescents, not circles.

Stokley, who was the first director of Fels Planetarium in Philadelphia before entering the field of teaching, has witnessed six total eclipses of the sun.

One was in 1937 while he was aboard a ship in the Pacific.

He said because of the speed of the ship, he and a companion were able to watch the eclipse for seven minutes and six seconds—believed to be the longest period of observation ever recorded. The actual eclipse

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PRESIDENT'S TREE FALLS -- A large tree in front of President John A. Hannah's house was partially destroyed by high winds Sunday and had to be removed by maintenance men Monday.

Early Studies Started

By CHARLES C. WELLS
State News Staff Writer

Preliminary plans are now being drawn up by Michigan State architects for three new buildings to be built at an estimated \$9.1 million.

The proposed buildings are Conservation and Forestry, \$4 million; Food Science, \$4.5 million; and Psychology Research, \$600,000.

MSU architect Donald O. Ross was quick to point out that the plans are only preliminary. Detailed information on the proposed buildings will not be available until Albert Kahn, Associates, a Detroit architectural firm, completes its studies, he said.

In May the MSU Administrative Board gave the go ahead to the architect to start his planning. About \$104,000 was appropriated by the Michigan Legislature for the planning. Construction money is expected to follow sometime next year.

Ross indicated the plans are being drawn up now so that construction can begin immediately when the money comes through.

Conservation and Forestry and the Food Science building will be located directly adjacent to each other south of Anthony Hall. Psychology Research is the beginning of a new Social Science complex to be located north and east of the Alumni Memorial Chapel.

Ross said construction probably could begin only when the State Legislature gives the green light to enlargement of present power plant facilities.

"It is not logical to build the buildings if we cannot supply them with adequate heat and electrical power," he said.

They could be equipped with temporary steam boilers for heating, he added, but this would be very expensive. If that were done, electrical power would have to be bought from commercial utilities.

Michigan State came under intense fire in the Legislature earlier this year for manufacturing its own electricity. The major bone of contention was that MSU should buy its electricity from commercial plants.

The University should not compete with private business, several Legislators said.

MSU administrators argue that substantial savings are made by using the steam for electricity and then for heating. They contend they are saving over one-half of the amount commercially produced power would cost.

The Legislature appointed an Indianapolis engineering firm to study the problem. MSU heads believe it will substantiate their studies.

The three proposed buildings will increase the current construction program to \$56 million.

Buildings now under construction are: Chemistry, \$6 million; Bio-Chemistry, \$5.2 million; parking ramp, \$1.7 million; Cyclotron, \$2.8 million; International Center, \$1.4 million; and Utilities and Shops, \$920,000.

Nearing completion are: Wonders Hall, \$6 million; McDonel Hall, \$6 million; and the Planetarium, \$530,000. Construction is now also beginning on two more dormitories near McDonel Hall on East Shaw Lane.

As yet unnamed, the dorms are scheduled to be completed by September of 1964. Both will cost \$6 million each.

MSU architects are planning for a Life Science Building to be used for the new two-year medical school. The building will

(continued on page 8)

Summer Of Science For Prep Seniors

A science honors institute for outstanding high school students is being sponsored this summer by the MSU Science and Mathematics Teaching Center.

Dr. M. Isabel Blyth, director of the program, said the students are chosen at the end of their junior year in high school on the basis of academic standing.

This year's program includes 102 students. They study mathematics and science under the direction of MSU faculty members. Dr. Donald Dooley, a visiting professor emeritus in physics from Hiram College, is also working with the institute.

Students at the institute spend three hours studying each morning. Half of the time is spent on mathematics and half is on a science of their choice. Biology, geology, chemistry and physics are offered at the institute.

Afternoons are devoted to work on special projects. The biology students are all assigned to research projects being carried out by faculty members on campus.

"They actually take a real part in the projects," Miss Blyth said. "They have an opportunity to really aid the research scientists."

Chemistry, physics and mathematics students work on a variety of experiments.

"These experiments aren't new in the sense that the actual biology research projects are,

but they are new to the students," Miss Blyth said.

The students at the institute come from every section of the United States. There are twice as many boys enrolled as girls.

"Of course, students aren't selected for the program by sex," Miss Blyth emphasized. "More boys applied than girls."

Nearly 650 students applied for the institute. Miss Blyth said about 600 of the applicants were qualified to attend the institute. "It was extremely difficult to pick the students."

The program is sponsored by the National Science Foundation. Students pay a small portion of the cost if they are financially able.

Miss Blyth said the program "gives the students a chance to engage in a variety of research projects and activities which just aren't available at the high school level."

She added that another important phase of the program is that it enables exceptional students to work with teenagers who have their own interests.



Romney Tells 4-H

'Youth Revolutionary'

By JACKIE KORONA
State News Staff Writer

Gov. George Romney last week told a group of teenagers that they are the world's revolutionaries, that those who are trying to take this country back to tryanny and slavery are not revolutionaries.

Speaking before more than 1,000 members of 4-H club meeting on campus for their annual conference, Romney said, "you are the ones who must build a better society. You must give your lives meaningfully in the full expression of the American Revolution."

Romney compared the roles of today's teenagers to the life of Joan of Arc.

Citing Maxwell Anderson's version of Joan's story, Romney said this young martyr felt that since she would die for a cause eventually, there would be no more important reason than her beliefs.

"Everyone will give his life for something he is involved in," Romney said. "Merely by his very existence."

"It is up to him whether or not his life is given for something worthwhile."

Romney added that this country needs men and women of character who are willing to do things necessary for the progress of the nation, even though they do not particularly want to accomplish these tasks.

"We have an obligation to obey the government of the land, because it is a government of consent. We have an obligation of brotherhood to all mankind, regardless of race, color, religion or creed."

"And we also have an obligation to do more than the state requires. If we are to have progress, we must develop our abilities and capacities so we can do what needs to be done."

The Governor also said that this country has freedom because the people are willing to discharge the responsibilities of freedom.

"When we are not willing to discharge these responsibilities, we will lose this freedom."

Gov. GEORGE ROMNEY

'Divorce' Next For Theatre

"Let's Get A Divorce," a bright farce of the 19th century, will be presented in University Theatre's Summer Circle arena theatre Wednesday through Saturday, at 8:30 p.m. in Demonstration Hall.

Victorien Sardou, French master of the 19th century "well-made" play, collaborated with Emile de Najac in this witty and sophisticated tour-de-force.

The time of "Let's Get A Divorce" is 1880 when the divorce law was something novel and exciting. The complications concern a not-so-happily married couple considering a divorce. The pretense of society at the turn of the century is gleefully satirized amidst comedy and confusion.

Leeds Bird, Bay City graduate student, will portray the rich husband who shrewdly confronts the threatening divorce demanded by his lovely -- and somewhat younger -- wife, to be played by Mollie Shorr, East Lansing senior. The third member of the triangle, a gentleman interested not only in the lady, but also her bank account, will be played by Roger Rochowiak, Lansing.

Others in the cast are Eileen Kelly, Detroit; Cliff Seppanen, Hancock; Kathy Billings, Portland, Ore.; Don Circle, East Lansing; Mary B. Miner, Lansing; Susan Chmurny, Grand Rapids; J. Arthur Seaman, East Lansing; Tom Brookover, East Lansing; John Rittenhouse, Lansing; and Lawrence R. Sexton, East Lansing.

"Let's Get A Divorce" is directed by James R. Brandon, associate professor in the department of speech.

World Globe On Display

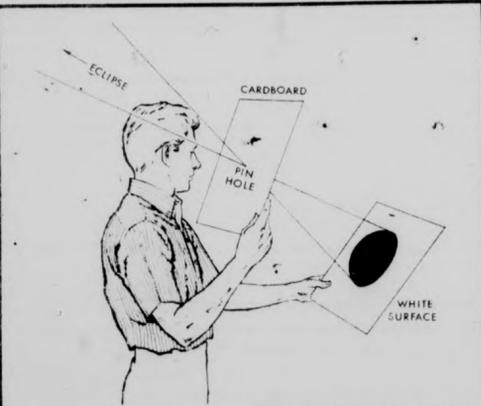
A six-foot diameter replica of the earth arrived at the Planetarium Monday.

The globe depicts the earth in relief, showing mountains, plains, and valleys clearly. Political boundaries of countries are not shown.

"The model is on loan from the Rand McNally Co. of Chicago," said Robert Duke, assistant curator of the Planetarium.

Duke indicated the \$15,000 fiberglass model is probably the best ever made. The original, he said, was hand carved by geographical experts for the National Aeronautics and Space Administration at a cost of over a million dollars.

Only about 10 or 12 have been turned out. After molding, it was hand painted in full color to show the lay of the land, Duke added.



A SIMPLE PROJECTOR FOR OBSERVING THE ECLIPSE CAN BE MADE WITH TWO PIECES OF WHITE CARDBOARD. A PINHOLE OR PENCIL HOLE IN THE TOP CARDBOARD SERVES TO PROJECT AND FOCUS THE IMAGE OF THE ECLIPSE ON THE SECOND CARDBOARD. THE SIZE OF THE IMAGE CAN BE CHANGED BY ALTERING THE DISTANCE BETWEEN CARDBOARDS.

From Other Campuses

News And Views

Southern Belle Miss GOP

University of Mississippi, Oxford -- An Old Miss coed has been named Miss Young Republican of the United States. Lynn Allen Cook, a 20-year-old brunet, says she thinks her selection will "be a wonderful help to the Republican Party in Mississippi."

Mexican Basketball Growing

University of the Americas, Carrterera, Mexico -- Basketball is skyrocketing in popularity at this international university. The team is handicapped because most other schools in Mexico allow alumni to participate in competitive sports.

Evaluate Iowa State Government

State University of Iowa, Iowa City -- A student-faculty committee has been organized to evaluate the student government at SU. The main purpose of the evaluation is to determine the problems student government has dealt with effectively as well as the areas where its efforts have been futile.

No Clash On Grass

University of Chicago -- The president of U-C has assured students they are free to sit on the grass covering a quadrangle in the center of campus. His statement came in response to a rumor that students were planning to stage a sit-in demonstration protesting recent police action in keeping them off the grass.

New Indictment Against IU Students

Indiana State University, Bloomington -- A new indictment charging three former IU students with subversion is being considered by a Monroe County grand jury. A prior indictment against the three Young Socialist Alliance members was dismissed because of faulty wording.

Hungarian Feels Sorry For American

Indiana State University -- A Hungarian instructor at the IU intensive language center said she "feels sorry for Americans who aren't satisfied." She described her existence under communism as "hellish" and said the freedom she had gained in the United States was worth more than any material advantage she might have kept by staying in Hungary.

Neville Speaker At Illinois

University of Illinois, Champaign -- Dr. Howard Neville, MSU's acting provost, said in a speech on the UI campus last week that modern universities cannot fulfill their functions by dealing only with students who live on campus. He said extension activities should be extended to the adult community to insure the continued relevance of university activities to society.



Elaborate Atlas Depicts Continuing Education Centers

The MSU Continuing Education Service recently completed the first adult education atlas ever produced. Entitled an "Atlas of University Continuing Education Centers for 1963," it is a combined effort of the five W.K. Kellogg Foundation-assisted Centers of Continuing Education in the United States. They are located at MSU, the Universities of Georgia, Nebraska, Oklahoma, and Chicago.

The book is printed in four colors and depicts in four geographic regions, the locations of existing and proposed Centers of Continuing Education at colleges and universities across the country. The four individual sections of the Atlas are each nine inches by 12 inches. They open out into 18 by 24 inch sheets. When folded, they fit into a container, which can be used flat or on a book shelf.

The MSU Center has already received favorable reaction to its effort. Edward W. Brice, director of the Adult Education Branch of the U.S. Department of Health, Education and Welfare, expressed his attitude by saying:

"You are to be congratulated on your graphic portrayal of the present and projected locations of Continuing Education Centers in the United States."

"The growth and expansion of these centers is heartening to all of us engaged in making available educational opportunities for the adults of our nation."

Coordinating the overall design, copy and processing of the publication are Dr. Melvin C. Buschman, Continuing Education Service assistant director in charge of University Extension, and his editor, James C. Totten.

"The atlas is the result of a meeting last fall of the directors of the five Kellogg Centers," Buschman said. "We agreed that such a publication would be a great service to adults in planning conferences and other educational meetings."

The Atlas also lists other colleges which sponsor programs connected with continuing education. Many have used the five Kellogg Centers as prototypes.

The colleges have either built new facilities or have utilized existing facilities like university halls, summer campuses, former dormitories, hotels, clubhouses, and private homes to accommodate adult conferences, workshops, institutes and other educational activities, he said.

"It is with these specially-designed Centers for Continuing Education, featuring comprehensive and evolving programs, that this educational Atlas is concerned."

The publication is financed by the five Kellogg Centers. It is now being distributed to colleges and universities, libraries, associations, organizations and individuals in 50 states.

Water Shortage Is Management Problem

By PAUL ADAMS
State News Staff Writer

Water is one of the critical problems of mankind, Dr. Lawrence L. Quill, director of the Institute of Water Research, said recently.

Increasing populations, changing living patterns and new technologies continue to put increasing demands on water resources of the nation.

The problem is one of management, he said. We must provide for all the users and manage so that the greatest number get the greatest good.

The problems in Michigan are not different from those of the country as a whole but they vary somewhat from area to area he said.

The St. Clair River, for example, has a pollution problem due to the heavy boat traffic, and the center of the state has periodic water shortages.

Many communities restrict water usage. For example, East Lansing requires that householders from opposite sides of the street water lawns on alternate days of the month, and temporarily, before ten in the morning.

Quill said pollution depends on the point of view. Heat from a power plant may increase the water temperature until it is polluted for further use as a coolant or as trout habitat. The same water may be perfectly acceptable for swimming, boating, and skiing.

Detergents have become a problem out of the very characteristics that made them desirable cleansing agents. The housewife, tired of short-lived soaps that produced objectionable curds in hard water, gratefully accepted the detergents when they were offered by science.

Organisms which have always been able to take soap molecules apart, removing them from the waste waters, are unable to destroy detergents. These molecules accumulate in the water supplies until they become objectionable or even a health hazard.

Science is hard at work after the soft detergent that natural organisms can destroy. Time is important since sewage capacities, in disposal plants, are limited and the processes cannot continue indefinitely. In practice, the "biodegradable" detergent is one which can be destroyed in about 72 hours.

Pesticides are also a problem for the water manager, he said. With the solution being somewhere between extremes.

Everyone recognizes that without pesticides the nation would

lose millions in food, health, and comfort. However, he added, we must recognize that birds are not just interesting bits of nature. The bird is also an effective pest control which is contributing to the economy.

Numerous problems occur across the broad aspects of the water resource, he said, each demanding answers and most having many agencies working toward their solutions.

The Institute was established to coordinate these many efforts, Quill said, and is prepared to work with State, federal, industrial and any other appropriate group towards the identification and solution of the problems.

He said, during the past year, the Institute has distributed a National Science Foundation Grant among six interested departments.

As coordinator, he said, we expect to prevent duplication of effort and provide funds, when possible, for all deserving projects.

NEW YORK (AP) — The popularity of bouffant hairdos and fancy wigs among fashionable ladies is causing trouble in Broadway theaters.

"In the old days you could ask the ladies to remove their hats," said one puzzled manager, "but what can you do about trick hair styles?"

MICHIGAN STATE UNIVERSITY

STATE NEWS

PACEMAKER NEWSPAPER

Member Associated Press, United Press International, Inland Daily Press Association, Associated Collegiate Press Association, Michigan Press Association.

Published by the students of Michigan State University. Issued on class days Monday through Friday during the fall, winter and spring quarters, twice weekly during the summer term; special Welcome Issue in September.

Second class postage paid at East Lansing, Michigan. Editorial and business offices at 341 Student Services Building, Michigan State University, East Lansing, Michigan. Mail subscriptions payable in advance: 1 term, \$3; 2 terms, \$4; 3 terms, \$5; full year, \$6.

SAFARI PUZZLE

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THURSDAY'S PUZZLE SOLUTION

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Woman New School Head

HOLYOKE, Mass. (UPI) -- Dr. Marcella R. Kelly, of Holyoke, Mass., does not believe that the variable called sex has anything to do with progress of a woman in an educational career.

Dr. Kelly is the first woman superintendent of schools in the paper manufacturing city.

The newly appointed administrator of the Holyoke school system says ability, training and effort are the invariables which determine the success climb of man and woman - in education and other fields.

Miss Kelly has nearly 20 years of teaching, and another 15 of administrative experience supplementing her formal training.

The training includes a bachelor's at Fitchburg, Massachusetts State College, a master's from Columbia University, and a doctorate from Yale, plus study at Harvard, Brandeis and the Universities of Oslo and Rome.

Holyoke, a city of 56,000, is satisfied with its selection. The school committee also considered 40 male applicants.

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Registrar Horace King Chief Record-Keeper

By CHARLES C. WELLS
State News Staff Writer

Michigan State's Registrar, Horace C. King, tries to bring the services of the Registrar's Office as close to the students as possible.

"This is a student oriented office," he said. He is chief record-keeper for MSU. In telling about his department, he said with pride: "If accurate and complete records are not kept, then the University would not be an effective teaching organization."

His office registers students, assesses fees and residence hall charges, and allots classroom space. Compiling information for time schedules, catalogs, and student and faculty directories, are also included in the job. He has charge of making sure these publications are out on time and that they are accurate. King also oversees the ordering of diplomas for graduating seniors.

The office has a record of every student who ever attended Michigan State. Transcripts dating back to 1855 of over 150,000 students and former students are kept up to date and stored by his office.

These records are both on microfilm and on file cards so there is little likelihood of their being lost or destroyed.

He also has charge of making up University reports for faculty members and administrators. This data is used in making many of the important decisions of MSU.

The end of term grades are sent out by the Registrar's office. Instructors have up to 36 hours to send in final grades after final examinations. Then the grades are compiled and mailed within one working day after they are received.

Nearly 400 requests for transcripts and other communications are received by his office daily. Automated machines like letter openers and date stampers have done much to simplify the routine office work.

"Some of the procedures may be automated, but the answers to requests for information are not automated," he said. "Many require individual attention and we must do this as inexpensively as possible and yet retain the personal touch."

If an error is made in sending out grades, King probably takes it harder than any other administrator. His office takes every

precaution to make sure that records and especially grades are accurate.

So far there has been only one error in sending out grades. It happened at the end of winter term 1963.

Since then even more precautions have been taken so that it will not happen again, he said.

While summer term may be easier for some administrators, King said it is one of the most difficult times for his office.

"The volume is not as great, but there are more programs and special arrangements for the registrar's office to service," he said.

He cited that his office is geared to the ten-week term and

in the summer, there are two five week terms and a 10 week term.

King was born in Flora, Ill. and went to school in Dearborn. He went to MSU and graduated in 1950 with a bachelors degree in business administration. He received his masters in 1953.

He taught as an instructor of business administration here and then joined the finance staff of Chrysler Corp. Later, he worked in the industrial relations staff of Ford Motor Co.

In 1957, he joined the new office of the dean of international programs. He was promoted to assistant to the dean and last December was appointed MSU registrar.



REGISTRAR HORACE KING

'Cool Jazz' Approaches Music Of Concert Halls

The cool jazz of a smoky nightclub is closer than one might think to the classical music of a concert hall.

The transition between jazz and classics is "second nature" to three young musicians studying here at the Congress of Strings sponsored by the American Federation of Musicians.

Frank Dilberto and Dale Schmidt, both 20, and Paul Moyer, 21, all play the bass in the Congress of Strings orchestra. They

term classical music "their first love," but they are equally at home putting jazz rhythms together for listening or dancing in small combos or large bands.

Dilberto, who has been playing the bass seven years, is a music education major at Northwestern University, Evanston, Ill. He has played with Les Elgart's and Jimmy Dorsey's dance bands and the Northwestern Jazz Workshop. "I've played engagements at clubs around Chicago nearly

every weekend for the past few years," he said. "It's a grind when you're going to school. You still have to get up and take finals."

Dilberto hopes to play the bass in a major symphony orchestra at some time in the future.

"The life of a jazz musician isn't a normal one," he said. "You're on the road all the time and you're always in buses traveling three or four hundred miles to your next job."

Moyer has played with local jazz groups in his home town of Reading, Pa.

"The biggest 'gas' I had was playing a session with Frank Hittner from Maynard Ferguson's group," he said. "I'd just finished a week's job and was on my way to a movie."

"It was 3 a.m. and I was really beat."

"All of a sudden Hittner came up and said he'd seen me play. He asked if I wanted to do a session with him."

We went to this wild place that features nothing but jazz and I'll never forget it, he added.

Moyer agreed with Dilberto that the life of a jazz musician

is a tough one, but he and Dilberto didn't agree on much else concerning jazz.

"I don't think you can express as many emotions in jazz as you can in classical music," Moyer said. "There isn't much love in jazz. The blues is pure self-pity."

"Another thing, any thing that's been done in jazz is just a variation on what's been done in classical music for hundreds of years."

Dilberto says he disagrees completely that a musician or

(continued on page 4)

Miller, Climbers Receive Hubbard Geographic Medals

Dr. Maynard M. Miller, associate professor of geology, and 24 other members of the Mt. Everest expedition were honored recently by President Kennedy.

The President awarded the National Geographic Society's Hubbard Medal to Miller and the other climbers. The presentation was made at a special reception in the White House Rose Garden.

As a member of the expedition, Miller studied the Khumbu Glacier on Everest. He probably would have gone to the top if he had not broken his foot when a granite slab crushed his foot against an ice wall.

Also cited was Barry W. Prather, MSU summer institute student from Ellensburg, Wash. He accompanied Miller on the ascent, but was forced to come

down when he suffered an attack of Pulmonary Adema, a high altitude illness.

Leader of the expedition, Norman G. Dybenfurth, received the medal for the group.

The Hubbard Medal was first presented to Adm. Robert E. Perry for his Arctic explorations. It is named after the first president of the National Geographic Society.

The most recent recipient of the honor was John H. Glenn, the first American ever to orbit the earth.

After the reception, Miller went to Nantucket for a short vacation before leaving for the Juneau Icefield in Alaska. He plans to direct an MSU Alaskan Glaciological Institute there.

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"KEWPEE'S"
325 East Grand R.

In Only One Term

SEC Arouses Interest

By SUE JACOBY
State News Staff Writer

Seldom in University history has a student project captured such widespread attention and admiration as the Student Education Corps (SEC).

Although SEC has been in operation only one term, it has aroused the interest of students, educators and government officials from California to Washington, D.C.

Dr. David Gottlieb, an associate professor of sociology and anthropology, triggered SEC by mentioning the idea in a sociology of education class last winter term.

By the beginning of spring term, an office was opened in the Student Services Building with the endorsement of All-University Student Government. About 125 students volunteered for work in Lansing, Holt, Morrice and Pontiac elementary schools.

Working in areas which were often deprived and in schools which were understaffed and overcrowded, SEC volunteers taught everything from fundamentals of arithmetic to physical education.

SEC has attracted the attention of President Kennedy's Study Group for a Domestic Service Corps. Gottlieb was asked to send complete information on SEC to Washington.

He may be called to testify before a U.S. House Committee now holding hearings on the proposed Domestic Service Corps.

"The Student Education Corps, of course, quite different from the proposed bill to set up a Domestic Service Corps," Gottlieb said.

"Activities in schools would only be a small part of the Domestic Service Corps. The Corps would not be limited to college students, and volunteers would work full time."

SEC is seriously considering extending its activities this fall to include schools in Jackson and Oakland County (near Detroit). "We plan to concentrate on

schools in socio-economically deprived areas this fall," Gottlieb said. "When the corps was in the experimental stage last spring, some schools from middle-class neighborhoods asked for volunteers."

"The Corps was organized on the philosophy of working with economically deprived children and providing them with opportunities they ordinarily would not have had in their schools."

Gottlieb said SEC will be enlarged to include about 200 students this fall.

"Many of last year's volunteers are going to work in the corps again, and we already have requests for applications from interested students this summer."

A faculty committee has been organized to act in an advisory capacity. Its members are Gottlieb, Armand L. Hunter, director of broadcasting services; AUSG adviser Louis Hekhuis and Donald Grummon, head of the counseling center, who recently returned from Nigeria.

The committee will also include the AUSG President and a student representative selected by him.

"An important thing about the

project is that it is student-run, from the coordinator on down," Gottlieb said.

The advisory committee has recommended that schools asking for SEC volunteers next year pay the cost of their transportation. The students will carry on the same type of activities which were begun spring term. These include classroom assistance in reading, English, arithmetic, social studies, foreign languages, science and the fine arts.

SEC members organized recreation and physical education activities, a folk and classical music program and a career caravan designed to offer advice on modern career and educational opportunities.

"SEC was as beneficial an experience to the students as it was to the schools which participated," Gottlieb said. "It satisfies a basic need of young people to be doing work of significance in their community."

It also demonstrated that when students are given a chance, they can bring their ideas out of the University classroom and put them into practice."

Mrs. Sandra Warden, graduate student in sociology and coordinator of the program, says SEC will make an increased effort this fall to interest other universities in the project.

Wayne State University has already begun a project of its own similar to the SEC. The University of California at Berkeley and the University of Michigan are studying ways to adapt the plan to their own areas.

"We think this will be an important SEC activity next year," Mrs. Warden said. "In Michigan, for example, universities in the cities are better able to handle the work than MSU students from a distance."

Mrs. Warden said SEC is contacting a number of colleges in Grand Rapids about the project.

An extra coordinator will be added to the SEC staff beginning fall term. "We hope to keep our office in Student Services open eight hours a day," Mrs. Warden said.

All schools where SEC students worked last term have requested volunteers for the 1963-64 school year. "Many of the schools have asked for more volunteers," Mrs. Warden said.

"Due to the limited size of the Corps, not all of them will get more students. "But we hope to be more selective this year. Now we have the experience to know which areas require more student help."

Mrs. Warden is working this summer on a brochure to acquaint prospective student volunteers and schools with the SEC.



GAL MICKEY MANTLE -- Graduate student from MSU shows Morris Elementary students how to hold bat. State News Photos by George Junne.

JAZZ

(continued from page 3)

composer can't express as many emotions in jazz as in classical music.

"A man like Brubeck has a complete background in theory and harmony. The fact that he is applying classical theory doesn't take anything away from the jazz."

Dale Schmidt of Cleveland, Ohio, has been playing legitimate and jazz engagements in there for several years.

He plans to attend Baldwin-Wallace College next year. He will play in a jazz workshop and symphony orchestra there.

"I like both kinds of music," he said. "I enjoy playing, and I don't have any desire to argue whether jazz is majestic or whether classical music is more valuable."

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CASA NOVA #2

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Good For
FREE BEVERAGE at
CASA NOVA with sandwich
or meal
good till July 31

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"DAYS OF THRILLS AND LAUGHTER"

Highlights from the funniest comedies and most hair-raising thrillers made during 30 years of Hollywood history, starring such old-timers as Charlie Chaplin, Laurel and Hardy, Charlie Chase, Pearl White and others.

Fri., Sat. - July 19, 20
7:30 p.m.

FAIRCHILD THEATRE

Admission: 50c



DEMONSTRATE PRINTING -- Student Education Corps worker shows girls at Morris High how to do block printing.

Lansing Drive-In Theatre
South Cedar at Jolly Road TU 2-2429

STARTS - WED. - TOMORROW

EXCLUSIVE FIRST LANSING SHOWING!

From under the noses of their Nazi captors, 76 allied airmen made a break from the notorious Stalag III! Many of them made it all the way!

See this amazing, unbelievable exploit, re-created from the famous Paul Brickhill book.

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Eve. 90c
& Sun.

COOL Air Conditioned CAMPUS THEATRE

LAST "CRITIC'S CHOICE" 1:00 - 4:40 - 8:20
DAY! "MERRILL'S MARAUDERS" 2:50 - 6:25 - 10:00

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"All the Scenes You Will See in this Film are True and Taken Only from Life!" Gualtiero Jacobetti

"SIGHTS NEVER BEFORE PHOTOGRAPHED... SEE IT FOR YOURSELF! LIVE AND LEARN! Fascinating... Shocking!"
—Wanda Hale, Daily News

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—Bobby Crowther, New York Times

"INTELLIGENT AND REPELLENT... CULTURED AND COARSE... BRILLIANT SEQUENCES."
—Judith Crist, Herald Tribune

Adult Entertainment!

Soon! "DIAMOND HEAD" & "WAR LOVERS"

Calendar of Coming Events

Men's Club Luncheon
The MSU Men's Club Luncheon will be held at noon today in the Union Parlors. Robert Duke, associate curator of the Abrams Planetarium, will speak on "Our New Planetarium."

Indonesian Films
"Letter to Indonesia" and "The Life, Music and Dance of Bali," films connected with ethnic dance, will be shown at 4 p.m. Wednesday in 137 Women's Intramural Building.

Second Bowling Clinic
The second hour-long bowling clinic for women faculty and MSU employees will be held today at 5:10 p.m. in the Union Bowling Alleys.

Dorothy J. Parker and Lucille Dailey, of the department of Health, Physical Education and Recreation, will teach today's clinic, which will be devoted to scoring and spare bowling.

University Theatre's
SUMMER CIRCLE
presents
"Let's Get A Divorce"
Opens Wednesday
At the Arena Theatre in Demonstration Hall
July 17-20
Scotch Strips Sold Out!
Single Admissions On
Wed. & Thurs. - \$1.50
Fri. & Sat. - \$1.75
BOX OFFICE HOURS
2-6 p.m. Mon. - Sat.
Phone 355-0148
CURTAIN 8:30
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"CAT ON A HOT TIN ROOF"

COOL Air Conditioned MICHIGAN THEATRE
NOW! Continuous from 1:00 P. M.

Program Information IV 2-3905

HURRY... LAST 2 DAYS
Feature At 1:20-4:00
6:38-9:15 P. M.
The true story of Lt. John F. Kennedy's incredible adventure in the South Pacific!

PT 109
CLIFF ROBERTSON in the year's most talked about role!

Starts THURSDAY!
HIP-HEP-HAPPY HAYLEY!

Walt Disney presents
Summer Magic

HAYLEY BURL DOROTHY DEBORAH MILLS IVES-MCGUIRE-WALLEY

starlite DRIVE-IN
2 Miles Southwest of Lansing on M 78

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"Island of Love"
(That's all... brother!)

ROBERT PRESTON • TONY RANDALL • GEORGIA MOLL
TECHNICOLOR • PANAVISION • WARNER BROS. PRESENTS

—ALSO—
THE DEADLIEST OIL EMPIRE OF THEM ALL!!!
BLACK GOLD
From WARNER BROS.

Ends Rock Hudson in "A GATHERING OF TONITE"
Starts July 24th Darryl Zanuck's "THE LONGEST DAY"

go! go! see! see!

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A HODGKINS PRODUCTION
BYE BYE BIRDIE

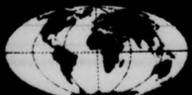
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RODEL-PAULSON-SULZNER-RANG-BRECHER

Spencer's Mountain
HENRY FONDA • MAUREEN O'HARA

NEXT ATTRACTION!

World News at a Glance



De Gaulle May Meet With JFK

PARIS -- Political sources in Paris say President De Gaulle may talk with President Kennedy in Washington early next year. The reports indicate De Gaulle will announce the visit at a news conference later this month.

President Kennedy's top foreign trade negotiator, Christian Herter, is now trying to convince the French they should lower tariffs on American farm products. Herter is on a tour of European capitals to discuss trade disputes between the United States and Europe.

New Test Ban Talks Begin

MOSCOW -- East-West nuclear test ban talks have opened in Moscow on a rare note of optimism, chiefly ascribed to Soviet Premier Khrushchev's decision to head the Russian delegation. He opened negotiations Monday morning with U.S. Under Secretary of State Averell Harriman and British Minister of Science Lord Halisham.

The opening session in the oak-paneled Kremlin conference room dramatically pointed up warming Soviet-American relations in sharp contrast with the bitterness surrounding Sino-Soviet ideological talks.

Khrushchev was joking and appeared to be in good spirits when he met earlier with Lord Halisham. The British delegate later met with Soviet Foreign Minister Gromyko in a wide-ranging "get-acquainted" session.

Organize NAAWP to Promote White Welfare

CINCINNATI -- A group known as the National Association for the Advancement of White People has been organized in Cincinnati. Its founder and president, William Miller, said the group was formed "to promote the social, educational and general welfare of the Caucasian race."

Alabama Governor Calls for JFK Retirement

WASHINGTON, D.C. -- Gov. George Wallace of Alabama has told Congress that President Kennedy should be -- in his words -- "retired from public life" and his civil rights program defeated. Wallace told the Senate Commerce Committee that the legislation is totally unacceptable to the South and called for a national referendum on the proposals.

More Buddhist Suicides Possible

SAIGON -- A Buddhist spokesman in Saigon, South Viet Nam, has warned that more protest suicides are possible to seek government observance of religious equality.

The spokesman said two priests have offered themselves as potential sacrifices in the renewed campaign to make the government keep its promises of equality.

The Buddhists have charged Roman Catholic President Diem's government with failing to keep its pledges and again asked him to cease religious discrimination.

Government to Answer Hoffa Defense

NASHVILLE -- Federal attorneys Monday were slated to answer defense charges in the trial of Teamsters President James Hoffa at Nashville, Tenn.

The defense has charged that Federal investigators threatened witnesses appearing before a grand jury that indicted Hoffa and 10 others for alleged jury tampering.

Hoffa and the 10 others were indicted for allegedly attempting to bribe jurors and prospective jurors during the union leader's trial last year.

Mackinac Race Over in Top Time

MACKINAC ISLAND, Mich. -- The 72-foot sloop Mitena finished the 333-mile Chicago to Mackinac race Monday in the fastest time in 15 years.

Owned by Charles Witney of Grand Rapids, the Mitena was the first ship to finish the race with an elapsed time of 41 hours, 54 minutes, and 28 seconds. This is the best time since the 37-hour record set by Ronondo in 1948.

Integration Demonstrations Continue in Maryland

CAMBRIDGE, Md. -- Integration leaders in Cambridge, Md., have announced their intentions of resuming anti-segregation demonstrations.

But they said they will stay within bounds of limited martial law being enforced by National Guardsmen. The pressure of Cambridge leaders for removal of racial barriers was increased as the neighboring community of Chestertown, Md. put voluntary desegregation of its public accommodations into effect Monday.

Senator Hart Will Have To Check Pies Closer

Senator Phillip Hart will find even fewer cherries in those commercially made pies, because there won't be as many cherries around this year.

Hart has recently been probing misrepresentations in the packaging industry. He found fewer cherries in one commercially made pie than were shown printed on the box.

Not only will Hart's pie have fewer cherries, but it also will be higher in price.

"This state is in for a small cherry harvest for 1963 because of extended freezing last winter," Dennis Oldenstadt, MSU agricultural economist, said.

He estimated that this year's crop will be about 160 million pounds--a drop of 19 million pounds from last year. The price of processed redtart cherries will increase the price of a dozen No. 10 cans by about 35 cents.

Roberts Fete Set Tonight

Several hundred athletic teammates and friends of Robin Roberts from his Michigan State days will pay tribute to the great pitcher in Tiger Stadium tonight.

An on-field ceremony will be held at 7:45 p.m. prior to the Tiger-Baltimore Orioles game. Nearly 200 fans from the Lansing area will be on hand plus perhaps another 100 from Detroit and out-state areas.

While the sale of the reserved tickets in the special bloc has closed, fans desiring to join the Roberts party probably can do so through regular ticket channels by asking for seats in either Section 31 or 32.

Figuring in presentations of gifts will be four Michigan State officials.

For the University itself there will be Jack Breslin, a former baseball teammate of Roberts at State and now secretary to the Board of Trustees. Dr. Sam Fortino will represent the Varsity Alumni Club; Athletic Director Biggie Munn will represent the athletic department. Recently retired baseball coach John Kobs, the man who switched Roberts from infielding to pitching, will speak for himself and MSU baseball.

Coordinator of the affair has been Jack Kinney, MSU's director of alumni relations who also was a teammate of Roberts at State.

Per pound that is an increase of about four cents. Michigan, America's top red tart cherry producer, usually raises from 40 to 60 per cent of the national crop.

Oldenstadt said the low yield will affect cherry prices across the nation. Prices for the harvest won't be known until growers make their shipments to processors.

Outstanding Economist To Speak July 17

One of the nation's outstanding economists will speak at an Executive Seminar on Recreation Center Administration July 17 at Kellogg Center.

Robert C. Turner of Indiana University will discuss "What's Ahead for the Economy" before 25 of America's top administrators of one or more recreation centers.

After joining the Indiana University staff in 1948, Turner served as professor of business, chairman of the department of business economics and public policy, and was awarded the University's highest teaching citation--the distinguished service professor.

His governmental service

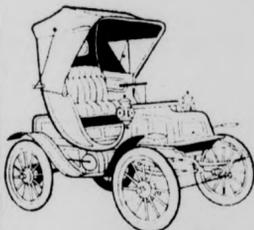
dates back to 1941 when he joined the War Production Board as an economist. Later he served as both deputy director and director of the board's foreign division.

Turner also was director of the Bureau of Internation Supply in the Civilian Production Administration, twice economic advisor to the White House under President Harry S. Truman, and assistant director of the national budget.

He has written "Member Borrowing," and numerous journal articles, monographs and special reports for Congressional use.

The seminar runs July 14 through July 18.

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E. Lansing's Department Store For Students

CAMPUS BOOK STORE

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summer clearance men's sport shirts priced for savings 3.88 4.88 5.88

Men, here it is! The summer shirt sale you've been waiting for! A summer clearance of men's sport shirts priced for real savings! All are short and in this year's newest colors and patterns. Some are button down and some have regular collars. The size range is small . . . medium . . . large . . . and extra large.

clearance! buy and save men's cotton slacks

Here's one you've got to hurry to get in on! Only 100 pairs . . . but all are terrific bargains! Don't miss this clearance on men's cotton slacks! **3.88**

MEN'S WEAR - KNAPP'S EAST LANSING STREET LEVEL

away out front in quality boys' Tuffies 2.98

Sizes 6 to 12-regulars & slims

Rugged Tuffies jeans, always the best looking . . . best fitting . . . best wearing . . . now feature the finest double knees on the market. Flexible, permanently fused to tough 10-oz., sanforized, vat-dyed denim - won't fade! Double knees except sizes 16 to 24.

14 to 20 in regulars and huskies **3.75**

BOYS' WEAR - GARDEN LEVEL KNAPP'S EAST LANSING



THE MORE YOU TELL - THE QUICKER YOU SELL! WANT-ADS DO THE JOB

WANT AD

- *AUTOMOTIVE
- *EMPLOYMENT
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- *PEANUTS PERSONAL
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3 DAYS... \$2.50
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There will be a 25¢ service and bookkeeping charge if this ad is not paid within one week.

Automotive

1956 - BUICK - 2-door hard top - one owner. Excellent transportation. Reasonably priced. Call ED 2-1253. 8

1950 CHEVROLET convertible, V-8, automatic, sharp car. Call Jim OX 4-4651. 8

PONTIAC 1960 CONVERTIBLE Catalina, hydramatic, radio, white wall tires, power steering and brakes. Smokey beige finish, vinyl top and genuine leather interior. Yours for only \$1885. Al Edwards Company, 3125 E. Saginaw. C8

1962 VOLKSWAGON - Black, sunroof, white sidewalls. Call IV 5-5923. 8

ARE YOU LOOKING for a used car bargain? Good cars priced right at GRAFT Auto Sales. 3117 N. East St. IV 9-3839. 8

1950 CHEVROLET, good condition. \$400. Can be seen 2-4 p.m. during the week and weekends at 123 Albert E., Lansing. 8

1956 PONTIAC HARDTOP, radio and automatic - \$325. 8

1957 FORD 8, automatic, convertible - \$495. 8

DARNELL AUTO SALES
2306 E. Michigan - next to fire station. 485-6963 10

DO YOU KNOW that just ten minutes east of East Lansing you can have the best of personalized service from a small friendly Ford dealer? We feature a fine selection of used cars. Signs Brunson Ford Sales, Williamston, Michigan. OL 5-2191. C

1962 VOLKSWAGON BLUE sedan. Radio, w.w. many extras. \$1400 Cash - no trades. Call 355-6031 evenings. 9

1958 2-DOOR FORD with overdrive. Excellent condition \$475. Call ED 2-8470. 9

SUNBEAM TALBOT 1953, Sun roof salon. Fine condition. ED 2-4018. 8

PONTIAC 1960 CONVERTIBLE Catalina, hydramatic, radio, white wall tires, power steering and brakes. Smokey beige finish, vinyl top and genuine leather interior. Yours for only \$1885. Al Edwards Company, 3125 E. Saginaw. C9

MG-TD 1952 Red body, power train excellent. Could use new top, side curtains. Call IV 9-4713. 12

1962 FORD GALAXIE 4-door, V-8 Automatic, Radio and Heater. \$1695. B & W Auto Sales - 2318 N. Cedar, Holt, OX. 9-2204. Evenings, OX. 9-2700. 9

1958 PLYMOUTH V-8 Four-door station wagon. Automatic transmission, low mileage. - \$595. 1957 PLYMOUTH Four-door V-8 sedan standard transmission with radio & heater - \$395. 9

BONDY & DAVIS Used Cars
1926 W. Saginaw IV 2-9466 10

SPARTAN MOTORS
Home of personally selected used cars.

VOLKSWAGON 1956 black, radio-heater, a clean good running car, \$595. 9

1956 CHEVROLET V8 four door, \$195. 9

1959 FORD V8 GALAXIE, 2 door, blue with white top, low mileage, \$995. 9

CHEAPIES 54's to 58's good transportation, 7 cars to choose from. Priced from \$100 to \$395. 3000 E. Michigan
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Grand River at Cedar over 48 years with Ford PLYMOUTH 1955 4-door station-wagon 6 cylinder, very clean, one owner. \$250. 1958 PLYMOUTH stationwagon, \$295. 1957 OLDSMOBILE 2-door, automatic, runs good, \$250. FORD 1957 hardtop, V-8, automatic, \$250. Many other makes and models to choose from Shop our full block of used car bargains. A guarantee with every car. IV 2-1604. C9

1962 VOLKSWAGON Good condition. Black, red interior. White wall tires, other extras. \$1,495. Phone TU 2-1871. 10

FORD WHITE 59 GALAXIE, automatic, power steering and brakes, radio and heater. Good condition. 372-3014 after 6. 11

MOTORCYCLE

1962 HONDA 300cc - excellent condition, 3000 miles. Call IV 9-3513. 9

1956 All-State CRUSAIRE MOTORSCOOTER. Excellent condition, when new cost \$339. Now only \$100. Call 646-6110. 8

AUTOMOTIVE SERVICE

ACCIDENT PROBLEM? Call Kalamazoo Street Body Shop. Small dents to large wrecks. American and foreign cars. Guaranteed work. 489-7507. 1411 East Kalamazoo. C

Employment

RELIABLE WOMAN to care for two children in my home - days - July 24 - Aug. 8. Phone 355-0804. 10

TOWN AND COUNTRY FOOD INC. Do you have time on your hands? We need 2 men with mornings and evenings free to work at exceptional selling job. Prefer married men with car for travel experience. For appointment call 484-4317. C

GREAT LAKES EMPLOYMENT has permanent positions for men and women in office, sales, and engineering. IV 2-1543, 616 Michigan National Tower. C

SUMMER EMPLOYMENT READERS DIGEST (RCA Stereo Music Division) is accepting applications for an outstanding opportunity for qualified college men. Part time during school and \$60 per week, full time this summer \$100 per week. Car required. Excellent training. Superb experience with a fine world-wide company. For personal interview, phone Mr. Murray, 487-6084. This is NOT magazine sales. 9

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SENIOR OR GRADUATE FOR PART TIME WORK - Minimum 4 hrs. Per Day - For Large Construction Project At MSU As Payroll Clerk And Material Expediter For Interview -487-5981

AVON CALLING School Days MEAN ADDED EXPENSE! Let Avon help turn your spare hours into profitable ones. For appointment in your home write or call evenings, Mrs. Alana Huckins, 5664 School Street, Haslett, Michigan. Telephone FE 9-8483. C8

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APARTMENTS

APARTMENT, UPSTAIRS, three rooms and bath, private entrance, garage. \$75 per month, 1 1/2 blocks from college bus line. Married couple preferred. Available now. IV 4-3193. 12

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COLLEGE MANOR APTS. E. Lansing. Furnished and unfurnished. Close to campus and shopping. Rents from \$45. Call Florence Graves 699-2426. Edward G. Hacker Co. Realtors. IV 5-2261. 9

APT. - 15 minute drive 3 rooms. All private, utilities included. Furnished or unfurnished. Ground floor. \$80 monthly. Inquire 315 Rogers, Mason. OR 6-1392. 10

EYDEAL VILLA Apartments for those who appreciate luxurious living. Featuring swimming pool, complete carpeting, Bar B-Q area, large recreation room, laundry facilities, city bus, close to churches and shopping. 1 year lease. Call Fidelity Realty. ED 2-0322. C

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- Snack bar
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MALE STUDENTS to share nicely furnished house. Cooking, living room, T.V. Summer and fall. 332-0384. 12

WOMEN - Approved and supervised with cooking privileges for last 5 weeks of summer school. 332-8945. 12

THREE BLOCKS TO UNION - Room for 3 girls to share house. Carpeted bedroom, fireplace, two baths, parking, \$9 per week. Phone 337-9842 from 6-8 p.m. 9

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One half block from Student Services Bldg.

Forty-Or-e FURNISHED STUDENT APARTMENTS

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TENOR SAXOPHONE - Good condition, \$100. Phone IV 9-9231. 10

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CAMPING TRAILER sleeps 6. Butane stove and light. Water, sink. Folds for travel. 1533 D Spartan Village. 355-2911. 9

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SINGER PORTABLE SEWING MACHINE will do zig zag sewing jobs, buttonholes, sews on buttons, blind hems, and many fancy designs. Need reliable party to make ten payments of only \$5.10. For information PHONE OL 5-2302. C9

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A BEAUTIFUL 1963 sewing machine. Less than 60 days old. Your choice cabinet or portable. No attachments needed to sew. Will sell on new account, \$47.88 or \$4.88 per month. Call IV 5-1705. 9

UPRIGHT PIANO, baby car bed and sterilizer, rug, dress form. All excellent shape. Call ED 2-6450. 10

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AN EXCELLENT USED sewing machine, early '63 model. Round bobbin, sews forward and reverse and buttonholer. Will sell on new account, \$38.88 or \$4.28 per month. Phone IV 5-1705. 9

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Wanted

TWO GIRLS TO SHARE Rivers Edge Apt. for 1963-1964 Contact Doug Johnson, 535 W. Grand River. 11

GIRL TO SHARE large bedroom, living room, kitchen. All home privileges. \$7 per week ED 2-5977. 9

UNFURNISHED 3 BEDROOM house from approximately Sept. 1 through Dec., 1964. East Lansing area preferred. Call 332-8823. 8

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the river's edge apartments on the cedar ed 2-4432

PEANUTS

I HEAR THERE'S GOING TO BE AN ECLIPSE OF THE SUN THIS SATURDAY.

YES BUT MY OPHTHALMOLOGIST SAYS IT'S VERY DANGEROUS TO LOOK AT IT.

WELL, I HAD PLANNED TO USE SUNGLASSES

DON'T DO IT! DON'T DO IT!

SUNGLASSES SMOKE GLASS PHOTOGRAPH NEGATIVES. EVEN WELDERS GLASSES AREN'T SAFE FOR DIRECTLY VIEWING AN ECLIPSE!

HOW WOULD YOUR OPHTHALMOLOGIST FEEL IF I CLOSED MY CURTAINS AND STAYED IN BED ALL DAY?

WHAT'S THIS ABOUT NOT BEING ABLE TO LOOK AT THE ECLIPSE?

IT'S VERY DANGEROUS. YOU COULD SUFFER SEVERE BURNS OF THE RETINA FROM INFRARED RAYS

BUT WHAT'S THE SENSE IN HAVING AN ECLIPSE IF YOU CAN'T LOOK AT IT?

SOMEBODY IN PRODUCTION SURE SLIPPED UP THIS TIME!

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COLLEGES & SCHOOLS JULY 31

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FASHIONS AUG. 3

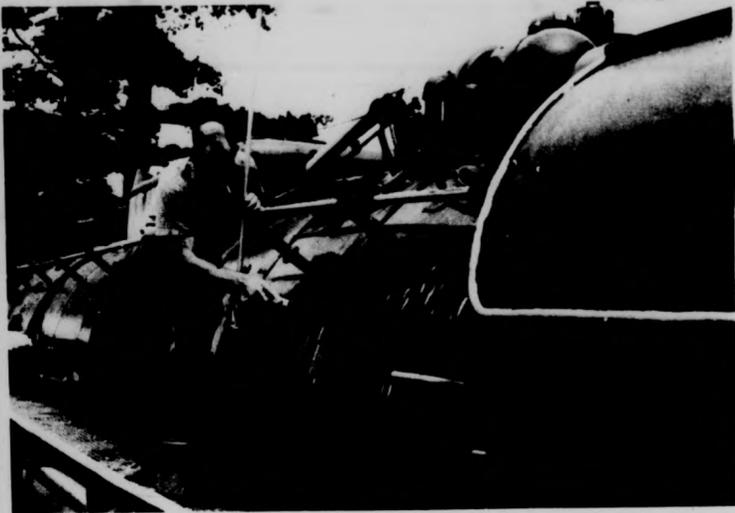
GENERAL NEWS AUG. 10

Check the Sections and Deadlines for the 1963 WELCOME WEEK EDITION

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MSU STATE NEWS PACEMAKER NEWSPAPER



Locomotive Gift Of C&O

The museum's largest exhibit, a railroad locomotive, was given to the University as an example of an era in American transportation.

The locomotive which is located south of Shaw Lane and southeast of Spartan Stadium was given to the museum in June of 1957 by the Chesapeake and Ohio railroad.

A fence around the exhibit is kept locked. Groups touring the museum can examine the locomotive at request. The locomotive was painted last year and is maintained regularly by the

Grounds Maintenance department.

The 265 ton locomotive hauled freight and passengers more than 500,000 miles between Chicago and Detroit in 10 years of operation.

The engine and tender are 101 feet long. In operation they weighed 400 tons and carried 22 tons of coal and 22,000 gallons of water.

In a trip of 150 miles the engine would have to stop once to fill up with water.

The locomotive was so expensive that in 10 years of running

time it didn't pay off its mortgage. Its estimated value today is \$15,000.

It was built in 1941 by the Lima, Ohio Locomotive Works. Its operation was discontinued in 1951 and it was stored in Grand Rapids until 1957.

The steam engine originally belonged to the Pere Marquette railroad, a subsidiary of Chesapeake and Ohio.

It was pushed to campus by a diesel engine. The tracks were removed behind it and it became a museum exhibit open to the public.

Art Psychology Expert Studied At Berlin School

By SUE JACOBY
State News Staff Writer

An ocean, a war and two languages separate Dr. Rudolf Arnheim, one of the world's foremost experts on the psychology of art, from his days as a college student in Berlin.

The noted professor from Sarah Lawrence College is on campus this week for the fourth annual Fine Arts Festival. He will join MSU's distinguished visiting artist Angelo Ippolito today for a colloquium on the arts at 10 a.m. in Kresge Art Center.

Arnheim received his Ph.D. from the University of Berlin, where he studied art, music, history, and psychology, before the Nazis seized power.

"The University of Berlin was a center of the Gestalt school of psychology," Arnheim explained. "This school is opposed to the idea that you need only to describe the parts of a human being to obtain a description of the whole. It contends the individual is equal to something more than the simple sum of his parts."

Arnheim was forced to flee Germany in 1933 when the Nazis took over the country. "I was not

only a Jew, but a liberal," he explained.

He went to Rome, where he worked with the International Institute for Educational Films, an organ of the old League of



DR. RUDOLF ARNHEIM

College Basketball Star Injured In Truck Accident

Marcus Sanders, a starting player on MSU's basketball team last year, received a skull fracture and hip and side injuries when his stopped truck was hit by a semi-trailer shortly after midnight Thursday near Traverse City.

igan, which involved stopping cars and finding out their destinations.

Intramural News

Golf Results
Golf Results -- Jack Breslin low in Faculty-staff division with a 75. Four-way tie for second with 82's were:

1. R. T. Payne
2. Fred McCarthy
3. Fred Stabley
4. Rolly Simonds

Student division saw Keith Lundin win with a 75 and Claude Fournel second with a 77.

Softball Schedule

Tuesday, 6:00 p.m.
1. Farmhouse-Grill Hounds
2. Ag. Econ - Tony's Boys
3. Paperbacks-Mets
4. No Stars-Bulkheads
5. Sarfers-Giants
Those teams making play-offs Wednesday & Thursday will be contacted by phone.

Golf Tournament Deadline
Golf Best - Ball deadline is Thursday at noon.

Summer School Special FREE COUPON

This ad good for one FREE ADMISSION when presented with one paid admission on the "World's Largest Miniature Golf Course". Also this ad and 75¢ good for a \$1.00 basket of golf balls on the driving range.

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Shaw Hall Named After Late President

Head Saw Agriculture College Grow To A Broad Liberal Arts University

By ERIC M. FILSON
State News Staff Writer

Shaw Hall is named after Robert S. Shaw, dean of the College of Agriculture during the first part of the century and later president of MSC.

Shaw was the president of the College during the years that indicated the gradual evolution from a specialized agricultural college to a broad liberal arts university.

He assumed the post of acting president several times before taking the post permanently. In 1928 he was named acting president for the third time. Shortly afterward the Board of Agriculture made him president when Kenyon L. Butterfield resigned the post.

Shaw served many years as dean of the College of Agriculture. He was appointed the head of the agriculture department in 1902. At that time a senior might take a three-term sequence in animal husbandry, or dairying, or agronomy. Shaw added an option in poultry husbandry and subdivided agronomy into soils and farm crops.

In 1908, when the division of agriculture was created, Shaw was chosen dean and assembled a group of seventeen departments.

He graduated from Ontario Agricultural College where his father was well known as a professor of agriculture. He managed his father's farm for five years after graduation and had directed the work at Montana Agricultural College before accepting a position here.

At M.A.C. Shaw strengthened the livestock program by increasing the number of breeds, by introducing pedigreed draft horses, and by emphasizing marketing as well as production.

He won the confidence of livestock breeders associations and they secured special appropriations from the Legislature for better barns, better stock and more research.

Shaw rearranged and reconstructed the barns, secured an excellent poultry plan, and arranged the lease and purchase of a large farm to add to the college lands.

Shortly before he became permanent president the name of Michigan Agricultural College was changed to Michigan State College in 1925. MSC was suffering perennial budget balancing problems and the Board of Agriculture hoped he might be the best antidote.

A study in 1927 at the start of Shaw's presidency revealed that student spending during the school year ranged from \$398 to \$1141 and averaged \$654. Sixty per cent of the students were earning some part of their expenses. Fraternity men spent \$45 more each year than did the independents.

The Coral Gables also opened about this time as the largest roadhouse this side of Detroit.

During his presidency of the depression years Shaw kept the college on sound financial footing. John A. Hannah was appointed Secretary of the College in 1935. Under Shaw and Hannah the University grew rapidly.

Enrollment increased by one half between the winter of 1937 and 1941. The Legislature, however left the annual appropriation unchanged during that period of renewed recession. When Shaw retired in 1941 the appropriation had increased from \$2,500,000 to \$2,950,000.

In 13 years the value of land, buildings, and equipment owned by the College had increased from six million dollars to 15 million. Most of this was accomplished by private investment rather than state aid. Mayo hall, Mason hall, Olin Memorial Health Center, most of the athletic buildings and fields including Jenison and the enlarged Stadium, the Auditorium, the now destroyed Band Shell (site of Bessey Hall), and an

anatomy-pathology building were constructed.

MSC received accreditation in 1931. Before that students who transferred from Michigan State found their credits discounted because of no accreditation.

During the 1930's the campus discarded its more ostentatious badges of post World War I hilarity. The students seemed to acquire a new maturity. President Shaw noted this in 1934, writing:

"The heightened competition and possible unemployment which loom ahead of today's graduate have produced a noticeably more practical, workaday, atmosphere in campus life...From an administration point of view, this new seriousness of attitude means much; there has been marked decrease in need for disciplinary action and marked increase in the desire of student organizations to work constructively with administrative officials."

At the close of June 1941, on the eve of his seventieth birthday, Shaw resigned as president and lived in retirement on his farm north of East Lansing. He died in February of 1953 but before Shaw Hall had been completed and occupied in 1949.

The building was designed for 1,000 students and was supposed to be the nation's largest dormitory. Even then three men to a room seemed to be the normal situation on campus as Shaw hall had 1,500 men crowded into it.

Coral Gables
1 Mile East of MSU

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Close To Main Stream

New Zealand Special Ed

Education for handicapped children in New Zealand is closer to the main stream of general education than in the United States, a Fulbright scholar said here last week.

Dr. William David Barney, senior lecturer in education at the University of Auckland in New Zealand and a Fulbright scholar at the University of Pittsburgh, spoke as the fourth guest in the College of Education summer series "World Horizons in Special Education."

"Special education seems to have built its own empire here in the United States," Barney said. "The emphasis should be on the 'education' not the 'special.'"

Barney said that in New Zealand an attempt is made to keep atypical children in the normal community. The departments of Health and Education feel that these children are primarily children, and secondarily children with special needs.

Outlining the four methods of special education in New Zealand, Barney said that regular classroom teaching is the preferred method of working with handicapped children.

"There is no departmentalization in New Zealand schools under grade seven. This helps the teachers to get well acquainted with their students, and to give better aid to the exceptional child."

"The regular teachers also get special aid with the handicapped children through visiting

advisors and social workers." Clinic visits supplement the regular classroom work of some handicapped children, Barney said.

"These clinics are located in central areas, usually within 30

miles of the children's regular schools. Also the clinics are a part of a regular school. They are not isolated in hospitals. This way, the children can maintain relationships with their normal peers."

For those children who cannot be well accommodated in the regular classes, even with clinic visits, there are special classes. Even these are held in the main wing of schools for normal children, Barney said.

"The special children are integrated into the non-academic programs of the regular schools also," Barney said. "Since there are no particular rules about this integration there are varying degrees of the mixing."

"At one school, half the football team was from the class of partially-sighted kiddies -- and the team won half their games that season."

Barney said that the children in the special classes go on to an intermediary class, equal to junior high school in this country. Here the youngsters have a work experience program, through which they are trained for some kind of work.

The final method of education for the blind, deaf and mentally deficient children is through special schools.

"These schools are now located within the boundaries of the cities rather than isolated from people. The children are not kept behind fences, but instead they are taken out to visit so that they can get to know the people of the community and the people will know the children."

Beyond these classes and schools, there are six schools for children with cerebral palsy. Through these schools, some children enrolled at age three can enter regular elementary schools at age five, and therefore stay with their peers, Barney said.

"There are also early entry programs for children who are deaf and blind. And some correspondence schools enable kiddies who can't leave home to get an education."

Barney said he feels that, despite an emphasis on "special education" in this country, there are more similarities than dissimilarities in special education in the United States and New Zealand.



DR. WILLIAM DAVID BARNEY

Eclipse

(continued from page 1)

lasts seven minutes and three seconds.

As a veteran observer, Stokley recommended using exposed negatives of film to view the eclipse without injury to one's eyes.

He added that residents of Florida will have a ringside seat for the next total solar eclipse scheduled for March 7, 1970.

The entire North American continent will be covered by an eclipse of the sun Saturday afternoon, but you could go blind looking at it.

The eclipse means a serious threat to the eyesight of every person who watches it directly, reports the National Society for the Prevention of Blindness.

The bright visible rays of the sun will be blocked, but dangerous infra-red rays will still be coming from the sun. These rays can cause serious burns to the retina of the eye.

It is like holding a magnifying glass on a piece of paper. After a short time, the sun's rays will start the paper on fire.

Since the retina is not sensitive to pain, the person never knows it is being damaged until it is too late. Such retinal burns are incurable.

Even smoked glass, exposed photographic film, and dark glasses are not adequate to screen out the rays. Many who have tried them in the past have still suffered eye damage.

There was wide-spread eye damage in the Western states after an eclipse of the sun three years ago. In Utah, 31 cases were counted and another 75 were reported in the state of Washington.

Children suffered the most eye damage because they are particularly susceptible to vision damage. There is no safe way for either adults or children to look directly at an eclipse of the sun.

The eclipse can be viewed indirectly with no eye damage. A simple projector can be made with two pieces of white cardboard, size 9 by 12.

A pencilhole should be punched in one cardboard. During the eclipse it is held over the shoulder and the image is focused on the second cardboard. The size of the image can be changed by altering the distance between cardboards.

Do not look at the sun through the pencilhole.

Buildings

(continued from page 1)

be completed some time in the next five or 10 years.

Bids will be let in September for a \$1.2 million Technorama. Farm and home equipment will be displayed by farm implement manufacturers and appliance companies in the building.

The Technorama, Forestry and Conservation, and Food Science Buildings will run in a line north from the Grand Trunk Western tracks to Anthony Hall.

A Veterinary Hospital and Clinic, to be located south east of the Bio-Chemistry Building, will have bids let by October, Ross said.

WKAR Radio Enters 41st Year Of Service

Michigan State radio station WKAR and WKAR-FM enters its 41st year of existence this year.

The station's purpose is to extend the educational arm of the University in bringing news, and entertainment to Central Michigan. One of its main functions is the taping of radio programs which are sent out to some 180 stations all over the state.

Many of the programs are sent out free while others cost \$1 service charge. Even so it is a bargain for the 15 to 30 minute radio programs.

The station plays classical and popular music, but refrains from using "rock 'n roll" and "jive." The only advertisements are public service announcements. No commercial advertising is accepted.

The station is a regional broadcaster reaching out 110 miles north, 90 south, and 85 east and west. The AM transmitter operates from sunrise to sunset and the FM transmitter from 7 a.m. to 10 p.m.

The station has been criticized as being competitive with commercial stations, but station of-

ficials argue that commercial stations would not provide WKAR's services if it went out of business.

Cost to Michigan taxpayers is two and one-third cents each year.

WKAR employees find the sunrise to sunset restriction on AM broadcasting a source of irritation.

"We are now working with the Federal Communications Commission to operate the AM portion of the radio station at the same time each year," said Dick Estell, acting station manager.

Currently the station has a different sign on and sign off time each month.

The offices are located in the Auditorium on the third floor. Facilities include: two studios, a control room, recording room, film and tape libraries, a continuity room where shows are put together, the news room and of ices.

The station employs 17 full time employees, and 10 part-time students. Any student interested in working for the station can audition for a position.

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Hours:
Open Until 5:30 P.M. DAILY
WEDNESDAYS 'TIL 9
9:30 A.M. - 5:30 P.M. DAILY
WEDNESDAY OPEN 'TIL 9

Summer Menus Designed For All Student Appetites

Summer menus in MSU dormitories are designed to appeal to calorie-conscious coeds as well as the "meat-and-potatoes men."

"Our basic menus are the same in the summer," said Mrs. Ruth Sands, manager of Snyder-Phillips, "but we try to plan them seasonally and make wide use of the fresh fruits and vegetables which aren't available the rest of the year."

More fresh fruit plates are served in the summer. Dormitory menus take advantage of seasonal fruits such as melons, grapes, plums, apricots, black cherries and peaches.

The fresh fruits also appear in desserts such as peach short-cake. Tomatoes are used in a great many dishes during the summer, and items like potato salad are popular.

Mrs. Sands said girls prefer the fruit plates and salads, but **STOCKHOLDERS** NEW YORK (UPI) — Of the nation's 17 million stockholders, some 5 million are housewives, according to the American Petroleum Institute.

the demand from boys is increasing.

"Girls aren't the only ones who are watching their weight," she pointed out. "Although we serve more of these items in the summer, they're on our menus the entire year. However, we have to use frozen fruits and vegetables in the winter."

Lemonade and iced tea are also added to the menus during summer and spring terms.

Basic foods, including hot meat and potatoes, still form the staple part of menus in the summer. Hot coffee is also served.

"Students need hot foods in their bodies even though it is warm outside," Mrs. Sands said.

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Get a head start on carefree summer hair care by having your hair done by one of our trained beauticians. Call for an appointment today.
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