MUST BE NICE TO BE A CHEERLEADER-Especially the way the tickets are moving at Jenison Field House. At least the cheerleaders will have a good view of Saturday's Notre Dame game. All public seats, except the end zones, were sold Tuesday afternoon in anticipation of the crucial game. Sophomore and Freshman seats will be distributed Wednesday and Thursday.

sonnel, hasn't met with Reuth-

Indications were Tuesday's

Reuther, specifically was ex-

ment minus some of the "frost-

ing" accorded to UAW by Ford.

Reuther entered Tuesday's

complete agreements at Ford and American Motors Corp.

FORD AND the UAW vir-

tually have wrapped up all

trouble spots left over from a

90,000 hourly employes on the

plant could cripple Ford pro-duction across the country. **REUTHER** and UAW bar-

gainers mapped major bar-gaining strategy for Chrysler

Focus on Problems 8th Personnel Institute **Meets at Kellogg Center**

8 Pages Second Class Postage Paid at East Lansing, Mich. 5 Cents Wednesday Morning, October 18, 1961 Established 1909 Vol. 53, No. 81 **Reds Announce Plan To Test** Super A-Bomb This Month

Michigan State News

Serving MSU for 52 years

AF Cadets Receive Awards

Eight Air Force ROTC students received awards Tucsday for outstanding performance in their summer training unit programs.

The awards were presented by Dem Hall by Col. Thomas Barrett, professor of air sci-

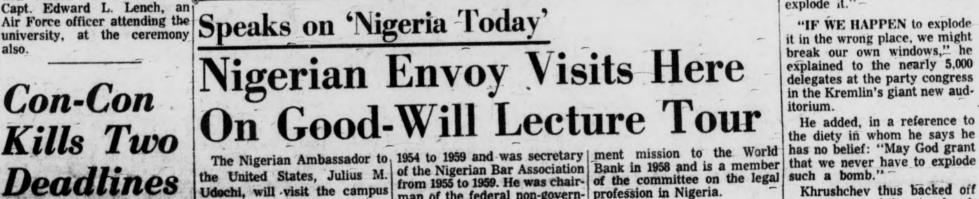
Cadets receiving awards were Paul L. Vanston, Rad-ford W. Jones, Paul H. Burbage, David K. Isbister, Larry E. Harvey, Raymond M. Fox, Michael L. Brickner and Charles H. Webber.

VANSTON WAS selected as the outstanding cadet at Lockbourne Air Force Base, where all of the above cadets attend-ed. He was presented an award at a separate ceremony Tues-

The Air Force Commendation Medal was awarded to Capt. Edward L. Lench, an Air Force officer attending the university, at the ceremony



OUTSTANDING CADETS-Capt. Robert E. Swett, left and Col. Thomas J. Barrett presented outstanding summer training unit awards to, left to right, Larry E. Harvey, Paul H. Burbage, David K. Isbister, Raymond M. Fox and Charles H. Weber.



Big Bomb To Climax Series

MOSCOW (P) - Premier Khrushchev announced Tuesday the Soviet Union is going to explode a 50 megaton nuclear bomb at the end of this month. A 50 megaton blast is equal to 50 million tons of TNT and about 2,500 times more powerful than the first Atomic Bomb exploded at Hiroshima.

He told the opening session of the 22nd Soviet Communist party congress the weapon will be triggered on Oct. 30 or 31 and would be the last of the current test series, which began Sept. 1. The series has included a score of explosions. the largest previous one about 10 megatons.

Khrushchev's announcement closed out the possibility that a 100 megaton bomb would be tested at this time. He de clared

"We have a 100 million ton bomb, but we do not intend to explode it.

"IF WE HAPPEN to explode. it in the wrong place, we might break our own windows," he explained to the nearly 5,000 delegates at the party congress in the Kremlin's giant new auditorium

He added, in a reference to the diety in whom he says he

from the test of the superbomb

at which he hinted on Aug. 31

of the forthcoming 50 megaton

blast was made in a departure

from the text of his six-hour.

20-minute speech. It was heard.

by western correspondents who

were cleared from the hall for

early parts of the proceedings

but admitted again when

HOURS LATER, neither the

official Soviet news agency nor

Moscow Radio had reported

ment about the 50 million ton

This was the first time the

Russians have given advance

See BIG BOMB, Page 3.

U. S. Warns

Red Trick

Khrushchev began to speak.

"Personnel Planning for the ed John R. Kinney, director of members on the University Defense Build-up" was the the Placement Bureau, who staff include: topic of the eighth annual Per- spoke on Effective Recruitsonnel Institute held at Kellogg ment and College Recruitment, and Edward L. Cushman, Vice Center, Oct. 10.

The Institute was sponsored President of American Motors by the American Society for Corp, Detroif, who addressed Personnel Administration, Re- conference members on-"The gion 11; Personnel Manage- 1961 Auto Negotiations." ment Program Service; Labor focused on problems of recruitand Industrial Relations Center; and the Continuing Educa- training, and retraining -of manpower. tion Service at MSU.

The keynote address of the conference, entitled "Manpower Management - A Look Ahead," was given by Dr. Forrest H. Kirkpatrick, Assistant to Chairman and President, Wheeling Steel Corporation, Wheeling, W. Va.

OTHER SPEAKERS includ-

No Strikes **Asked** For Vital Shops

WASHINGTON UP-Secretary same basic economic concesof Labor Arthur J. Goldberg sions from Chrysler as it obreported Tuesday that after tained in previous negotiations newed no-strike pledge from ing team, headed by John D. depth." labor unions involved in base Leary, Vice President for Perconstruction work.

mary to President Kennedy saying that although work time Indications were Tuesday's lost to strikes has been vastly meeting would be limited to reduced in the four months preliminary maneuvering. since Kennedy established a missile sites labor commission pected to ask Chrysler to match the GM-UAW agreethe number of lost work hours is still too high.

'It is too high in view of the critical importance to the nation of our missile and our negotiations with a completed space program," Goldberg contract at GM, and all but said in a letter to the President.

The latter committee-made up of representatives of labor, management and public - is busy working on a series of strike. The company said all five policy reports for submis-sion to Kennedy. its assembly plants were in production with an estimated

Weather

The only holdout is Local 420 at the Walton Hills stamping plant near Cleveland, Ohio. An extended shutdown of the Ohio Last night fair and windy. Noday partly cloudy, turning cooler by noon with the high n the mid 60's.

DANIEL H. KRUGER, associate to the director in charge of the Personnel Management Program Service, Labor and

Education Service. ment, selection, compensation,

Institute planning committee | tion Service.

Industrial Relations Center. Dalton E. McFarland, head, Personnel and Production Administration. Speakers at the conference Paul Moore, executive vice president, ASPA, Continuing

William Ozburn, Conference Consultant, Continuing Educa-

UAW, Chrysler Meet **On Final Contract**

DETROIT (A) - The United | in meetings Monday and Tues-Auto Workers and Chrysler day. Previously the UAW had Corp. Tuesday opened the last announced _it will not grant round of 1961 contract negotia- Chrysler any special conces-tions between the union and sions because of a lack of profits so far this year. the big three.

Chrysler reported a net loss UAW President Walter P. Reuther met with top-Chrysler of \$15.7 million in the first six negotiators at 2 p.m. after a months of 1961; the company's morning huddle with his aides third quarter report this year also is expected to be red. on last minute strategy.

The union is seeking the Reuther has blamed the company's financial loss on management.

He said the union will not

By THE ASSOCIATED PRESS Two proposals dealing with timetables for the constitutional His address. "Nigeria

His address, "Nigeria Toconvention were tabled by the day," at 8:30 p.m. in Kellogg rules and resolutions committee is the first in a series of lec-

load. One of the proposals, filed by tures to be sponsored during Henry L. Woolfenden, R-Bloom- the academic year by MSU's ment of the convention by the Center.

end of the year. The other, sponsored by Melvin Nord, D- at 2 p.m. with 33 Peace Corps Detroit, suggested that tenta- volunteers who are undergoing

apopted. Woolfenden told the rules

waiting until the November eration Administration. general election.

Woolfender said that if the be a dinner guest of President constitution appears on the John A. Hannah and will also later ballot, it might be sub- have informal sessions with Niject to oblique attacks from gerian and other African stupartisan candidates running for dents on campus. He will meet

tutional proposals by individual departure. campaigns of political candidates, he added.

Udochi, will visit the campus man of the federal non-govern- profession in Nigeria. Thursday for a series of meet-

Margery Leaves; Tuesday until the delegates get a better picture of their work load. Center Auditorium is open to the public without charge. This is the first in a series of lec-

Henry L. Woolfenden, R-Bloom-field Hills, called for adjourn-African Language and Area Michelmore, central figure of has had "a setback as rude the Peace Corps postcard inci- and sudden as that which

Ambassador Udochi will meet dent, telephoned her parents cropped up over the weekend." at 2 p.m. with 33 Peace Corps Tuesday she is flying home. The anger of students at the The 23-year-old volunteer University College of Ibadan, tive timetables be set up but eight weeks of training at MSU from Foxboro, Mass., whose where the Americans are in mislaid criticism of Nigerian training for teaching assign-

committee that he believed that the early deadline would en-sure that the new basic law document written by the con-vention would be voted on in April when it was fresh in the peoples minds, rather than waiting until the November THE NIGERIAN university all 37 members of the corps in were urged not to take too

also be distracted from consti- a.m. Friday just prior to his Ambassador Udochi has been upset the house so much -

But Nord said he felt it would legal practitioner and holds a evidence all around?

living conditions brought stu- ments, was described as nadent demands for expulsion of tural and legitimate. But they

A file-and-forget attitude was said, reversing black sheep to the Russian people the stateacted rashly.

"WE ARE pleased to note THE INDEPENDENT Daily the other members of the Express referred to a saying that an ambassador is one sent Peace Corps do not share the abroad to lie for the good of opinion of the silly and irre-his country.

"But if he chooses to tell the pleased to note she has apolo-"We would, therefore, request Nigeria to overlook this

UNITED NATIONS (A) - The ter. By doing that Nigeria would have strengthened the day that if the UN General Ashands of the American, admin- sembly calls for a new uninspected moratorium on nuclear istration in their fight against

bomb testing it will find that of color and racial prejudice it has been tricked and delud-

ed by the Soviet Union. U.S. delegate Arthur Dean in their country." The West African pilot said it is too early to assess the told the assembly's 101-nation harm to American prestige political committee that the and to Nigerian good will, but Russians had timed their cur-"The Michelmore Affair is bet- rent series of tests in such a way that the end of the tests ter forgotten."

bomb.

capped by a 50-megaton bomb blast on Oct. 30 or 31 would THE GOVERNMENT had indicated it expects her to leave. M is s Michelmore stayed coincide with a new UN appeal temporarily with the wife of for a moratorium.

an American diplomat in La-gos. She has offered to resign affect the Soviet Union, but This would mean, he said. from the Peace Corps. Her postcard, to an Ameri-can friend, was dropped near the comparison only the United States and Britain if they desire to make further tests. from the Peace Corps.

the campus. A Nigerian student who A Nigerian student who found it, instead of returning it to her, gave it to student lead-ers for publication. Her father Howard Michel-more, said after their Trans-M-MSU Game Shown on Films

growing problems of automa-ticles on the effect of automa-Faunce has written many ar- mation. Charles C. Killingsworth, Lation is the opinion of Dr. Wil-tion on leisure and on the auto- bor and Industrial Relations Center, will present the third



The distinguished visitor will

office. Voters' attention might Honors College students at 8:30

Goldberg submitted a sum-er since formal contract negot-Second Talk on Automation Faunce To Speak at Kiva

> More information and re- automation and the major amount of leisure an individual search is needed to meet the problems connected with it. will have as the result of autoliam Faunce, associate profes- mobile industry.

WM. FAUNCE

liam Faunce, associate profes-sor, department of sociology and anthropology, and Labor and Industrial Relations Cen-ter. There are going to be many including employment effects, and problems relating to the sociological, economic, and psychological problems as a result of auto nation. Research Spartans No. 1 In National Poll

sity of Nigeria.

Margery.

host to his face a few homely gized. truths," it added, "need that

a teacher, civil servant and especially when there is much

be a mistake for the conven- University of London degree. The Lagos Morning Post, ortwo recent missile base labor with General Motors and Ford. subsidize what he called man-strikes he has obtained a re-strikes he has obtained a re-the chrysLER bargain-be a mistake for the conven-tion to aim for getting its pro-See CON-CON, Page 3.

Michigan State News, East Lansing, Michigan EDITORIAL Wednesday Morning, October 18, 1961

Campus UN Too Valuable To Become Rhetoric Contest

The MSU United Nations began its third year Oct. 6. At 8 p.m. the gavel pounded order and the students from many countries. waited their chance to participate in the world body of peace. The Campus UN is patterned after the United Nations in New York, except that here there is no security Council and the veto power was written out of the constitution. Most of the ninety-nine countries are reperesented.

The organization has grown and is making a name for itself throughout this country and in foreign lands. The United Nations itself has assisted the students in many ways. Delegates in New York have visited or corresponded with students here at MSU to aid our organization in constructive debate.

In February of last year the MSU United Nations held their first annual conference. More than twenty-five universities from

School Aid Vital

President Kennedy has signed "with extreme reluctance" the opportunistic school-aid bill Congress passed after it had junked the Administration's program for meeting the real needs of education. We wish the President's belated declaration of unhappiness had been accompanied by a clear announcement that he intended to fight for his full program next year-and to give the fight the degree of personal involvement that was so conspicuously missing this year.

- Secretary Ribicoff has made a start in taking the school issue to the people with a major speech in San Francisco. He charged that the issue has not been brought into "sharp focus" and that the nation has not "made a firm commitment to the idea of education of the highest quality.'

We agree. We are not, however, convinced that Mr. Ribicoff has begun to focus on the real priorities. Although he points to the shortage of at least 142,000 classrooms and to the devastating fact that "the highest paid teacher in Mississippi is paid less than the lowest paid teacher in California," he lays principal stress on such proposals as college scholarships, aid to higher education and improvement of the curriculum.

THE SECRETARY is confusing two issues. The

the United States met, bringing together students from every continent and every way of life. This is an organization that Michigan State University is proud of.

THE SOVIET BLOC countries including Russia are represented here by American students, who try to maintain the position of those nations. Often, as in one of last year's meetings, students reverse the position of the New York delegates and support the opposite side of the issue.

However, a few people speak over and over at these meetings. Too few participate and sometimes those few resemble the dramatic actor rather than the diplomat. More delegates should prepare themselves so the UN is not dominated by a few.

Friday, confusion governed the scene. The chairman who is in control supposedly. had little effectiveness in getting the issues discussed because of a mix-up on parliamentary procedure. Several delegates had just read the constitution and procedure of the MSU United Nations and were waiting the chance to reveal their knowledge. The irony of the trouble was that four or five students completely disagreed on the constitution. Those who had copies monopolized the assembly for the time being.

SINCE IT WAS the first meeting and since more than half were there for the first time, the resolution and other pertinent information was not in the hands of the majority. It will be interesting to watch the next meeting when everyone will have had an opportunity to get acquainted and obtain the necessary material.

The meeting Friday had moments of high school debate. To many the meeting is a place for laughs and fun in rhetoric. Several students representing the Soviet Bloc countries used the infantile table pounding to express their opposition. Not very original and often the students sounded as if they hadn't done any thinking of their own.

It seems that the world body of peace should encourage new thoughts, new methods and fresh ideas. It has been said that the students are, "... the future leaders of the world." Then it is up to the students" to develop new ways and as one delegate

"Maybe We Can Get Reinforc."mcnts From The Old Frontier"



Point of View U. S. Must Take Initiative

The underlying crisis in the world today is one of coercion vs. choice. The announced determination of Russia to impose a world of coercion upon those not already subjected, contrasts sharply with the American attitude that the

score in all corners of the "It's hard by the yard but a cinch by the inch."

I feel we must accept the

Crossword Puzzle

33. Least fat

35. Universal

language

36. Figure

38. Organic

challenge. We must take the ball from the Russians, and

ACROSS

-1. Woe is me

8. Provided

with shoes

5. Strike

gently

12. Discern-

ment

On all fronts their aggressive A GOOD PLACE to start attitude keeps them on top of would be in Germany. The the situation. One would think United States should remind that Russian leaders have a Russia, through the United Masters Degree from the Britthat self-determinaAffairs of State Minimum

College Cycle

Millis Sharon Coady

Someone in a moment of clairvoyance once clearly portrayed college classes. Freshman, the anonymous writer said, are scared. Sophomores are cocky-they know the ropes. Juniors are suave, sophisticated and thoroughly enjoying college life. Seniors, to complete the cycle, are scared.

His point seems to be true. Even the most academically devoted feel a few moments of panic at the thought of a new life on a college campus. The strange surroundings, the intellec-tual climate, dormitory life, so much "free" time-all act to intimidate the entering freshmen and give them a bad case of stage fright. They all feel a few tinges of doubt, wondering if they can succeed, if they can find a place in the swirl-ling multitudes who seem to know exactly where they belong.

Most students go through the cocky sophomore stage, too. After all you are a veteran, you've been through the horrors of registration, you know where the Dairy Building is, you know that nobody says Natural Science when he means Nat Sci. It's a good feeling for the women to sign up as big sisters under the AWS program and protectively take a lost freshman in hand. AUSG's orientation leaders get quite a thrill in proudly showing off campus landmarks on guided

THE JUNIOR YEAR, as the man said, perhaps is the nicest. There is nothing to be frightened of. You know the pitfalls, the bad instructors, the campus jargon, graduation is still-a hazy day in some distant June. The cockiness is gone and you've found your place in the busy university life. Your social circle is established. You are comfortable, secure and ready for a year of fun and not-too-taxing study.

And it's true. Seniors are scared. I've reached that point and I know. Thirty-four credits no longer mean the requirements in one divisionthey mean the only barrier between me and graduation. Suddenly, that word "graduation" takes on new meanings. It still means freedom but seniors see that that is not all it means. It also means responsibility. If it means no more hours for women, no more study, no housing restrictions, no drinking regulations, it also means jobs, rent, insurance, taxes.

We laugh at white-haired professors who say we are sheltered and do not know about life. While we may have seen a bit more life than they give us credit for, we still are sheltered. It will be a fight after graduation-Mom and Dad won't be there with an extra \$50 to pay the rent.

The new boss in a large impersonal business isn't going to take you under his wing as the kindly enrollment officer did. The university, MSU in particular, assumes a guardian role over students-an absentee parent. IBM does not.

Most graduates will move into

first is the need for broad general aid to the public schools, distributed in a way that will equalize the basic inequalities among the states and within the states. Such aid is designed to build a floor under public education and to wipe out the educational slums, whether they are in rural Mississippi or in urban Manhattan.

The second issue, the one Mr. Ribicoff principally talks about, is quality. It includes, of course, the question of talent lost through the inability to pay the cost of a college education. It is concerned with the need for better teachers. better laboratory and library equipment and more research in the best ways of teaching and learning.

Both issues are vital. But in marshaling publicsupport for Federal aid to education, the two must not be scrambled.

The machinery for the support of quality edu-- cation now exists. The National Defense Education Act offers wide opportunities for the improvement of teaching, guidance and specialized facilities, as well as college loans and graduate fellowships.

IT WILL BE relatively easy to broaden and perfect that measure, including establishment of college scholarships. Indeed, this could have been accomplished in the past session, except for the irresponsible attempt to use the act as a vehicle to pass camouflaged parochial school aid.

But the improvement of quality and the strengthening of education at the summit of the pyramid will be hollow victories unless the foundations can be made to hold. The loss of talent begins in under-privileged elementary schools. The schools of lowest quality cannot even reach high enough to grasp the helping hand of the National Defense Education Act.

Scholarships, some aid to colleges and boosts in quality are needed now; but all of this will not meet the real crisis unless the public schools get basic, straightforward Federal assistance

This should be the commitment. It is doubtful that it can be fulfilled unless Secretary Ribicoff, in addition to taking it to the people, can persuade Mr. Kennedy that there is need for a personal and eloquent campaign by the President. -The New York Times

put it, " . . . we should, rather than build the different blocs of nations, break down those blocs and create a body in which every country can work closer together and not from established set-ups that only slow down constructive argumentation."

WHEN THE CHAIRMAN gets better cooperation from the delegates, and when those delegates are interested in actually presenting constructive debate, this body will take one more step in the right direction.

The students who helped found this organization should be proud of their work. Those who carry on this work should take pride in their endeavors. It should not become a platform for witty rhetoric.

It should encourage us to do some thinking on-our own. Let us not echo cliches of the past. The whole world needs our best ideas, ideas that harmonize the minds of man and bring us closer to the problem that faces us all: the problem of communicating.

Bike Lane Helpful

The bicycle problem on the Brody bridge, which plagued the dorm residents there last year, has evidently been cleared up.

Students now report that traffic is flowing freely across the bridge for both bicyclists and pedestrians. Last year no provisions were made for bicycle riders who usually made their own provisions and rode across the bridge anyway.

They were frequently greeted with a ticket from a plain clothes officer for their infraction of traffic rules.

Bicycle lanes have now been painted on the bridge, allowing both riders and pedestrians to

It may be just a minor point but it does make life a little easier for Brody residents who like to use their bikes on the long hike over to Berkey.

.....

es of the world be allow ed to use self determination in their quest for effective and just government.

In this game of all games, possible for a democracy. The initiative must be taken from the Russians hold the "ace in the Reds and assumed by us. the hole." Every once in a This requires the aggressive while they pull the card from their sleeve and lay it face up attitude which we seem so on the table for all to see. This hesitant to employ. But employ it we must or what's left particular "ace" however, is a most effective weapon, and of freedom on earth will soon is more often than not put to disappear altogether. good use by the Russians Walter Lippman, in his book "The Public Philosophy," exwhile still "up their sleeve."

For 15 years the wily dictatpresses some doubt as to orship has made effective use whether a democracy can of this weapon; one which our fight this kind of battle. The democracy finds hard to deanswer rests with you and me. velop. I suggest that this wea-Are we willing to accept the pon, this "ace in the hole", is risks involved in an aggressive nothing more or less than policy? INITIATIVE.

RUSSIA'S readiness and ability to lead the action should be of much more concern than their numbers of military weapons.

Their initiative takes many forms. In Southeast Asia battles are fought by proxy. Be-fore long we find that these seemingly insignificant skirmishes have led to the control of still another country by the Red Octopus.

In Western Europe they lay their cards down for all to see -strong ultimatums are given to the free world. On the other hand in Laos and North and South Viet Nam they pretend an ignorance of events. But either means of operation is governed by the old addage;

Beaumont Notes

Voltaire defined history as a fable agreed upon. Political party platforms should be defined in the same

History courses have been renumbered in the Columbia University School of International Affairs and Regional Institutes Bulletin. The catalogue lists "History G9391x-G939y (form-erly History 359-360)." That's

Industrious: Doing one's ut-most to do the most, no holds barred. Procrastination: Doing one's utmost to do the least, no olds barred.

tion for the German State was. THIS SHOULD spell out at the very least, the implicit clearly to all what the United desire of the Yalta and Pots-States must do, if indeed it is dam Conferences.

globe.

Jack Shea

A deadline should then be set for supervised free elections. If the East Germans want to retain their present administration, and if they choose to become a separate country then so be it. If, along with the West Germans they choose to unite their country and established a democratic government, then so be it also.

The question will now be asked. "what measures shall we take if Russia ignores our deadline?" My only answer is this: What has Russia been doing for the past 15 years . . . Remember they have set deadlines many times without spelling out the consequences . . . and they've been winning.

TEPHDEW

function

23. Mass. cape

24. United

26. Sweet

solution

Bashan

state: abbr

railways: collog. 5. Exist

direction of

27. Facing

MISUNDERSTAND

CLOSE TIMES

where everyone does not have his BA. They will be in intimate contact with persons who scoff at college education and the values MSU taught.

The senior suddenly becomes aware of these facts and they scare him. Will he get a job? Will he fit in a different society? The cockiness and suave security is gone. And if that particular senior has any brains at all, he also realizes how much an education means and how much he learned in and out of books.

Scared freshmen, cocky sophomores, secure juniors, scared seniors. The cycle is complete and it must go on after college. There is certainly no reason for it to be any different.

Union Forever

THIMINIA DAVID L. Jachnig

"Here We Go! Round Again!"

Hoffa was back in town last week crying "Unite or I'll lose my pay check" to his errant Teamsters.

With the union again refused admittance to the AFL-CIO, Hoffa is none too happy. And with George Meany throwing cigars in New York, the government throwing indictments for fraud in Florida, and the South defying organization by the union, he's getting a little upset.

HOFFA HAS BEEN spouting speeches long

and loud for a good number of years now. During his Lansing visit he warned of the impending crisis labor will face in 1962, saying that legislation in congress will eliminate the right to strike. He said that labor is being "subdued by the pen.'

According to Hoffa, the Teamsters are spending nearly \$2 million a year trying to organize the south. Maybe he'll realize Jeff Davis couldn't do it 100 years ago.

HE HAS compared organizing the south in 1961 with organizing Michigan in the 30's. What this really means, Hoffa hasn't bothered to say, but if it infers that the South doesn't want to be organized by Hoffa, then Hurrah for the South."

Maybe the Southerners are thinking a little more than "Big Daddy" Hoffa would like. Thinking men are always dangerous to unions run by men like Hoffa. Look at the awakening groups in the Chicago area that were given separate AFL-CIO charters after their rebellion against the controversial truck drivers organization.

If one small group of men can break away, Hoffa can't ctop the other dissatisfied groups from following. Nearly 100 of the 900 Teamsters locals have applied to quit Hoffa's outfit and come into the main labor federation. With any luck, Hoffa may be on his way out. And the mail fraud indictment by the U.S. government could bring Hoffa 20 years in prison.

Published by the students of Michigan State University. Issued on class days Monday through Friday, during the fall, winter and spring quarters. Issued twice weekly during the summer term. 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 for one term, \$3; for two terms, \$4: for three terms, \$5. Member of the Associated Press, Inland Daily Press Association

Michigan State News

and the College press.

Editor ... Marcia Van Ness Managing Editor. Ben Burns Business Mgr. Larry Pontius Circulation Mgr....Bill Marshall. City Editor. ... Eill Cote News Editor. Jay Blissick





progress?

13. Daughter 41. Swamp of Cadmus 4. Dozes 14 Couple 45. Thorough-15. Uncomm bred 48. By 50. King ly 18. Historical period 19. Entire Arthur's lance 51. Fairy quantity 20. Constru 22. Philippi 52. Pror 54. Having peasant 25. Failure rounded 7. Also appendages 56. Chemist's to win 28. Unseal: 8. Chip of pot 58. Anoints 59. Claws DOWN



		of either						infatuation			
		F	F	P	-		1	٢	7		
		F					8				
	•	Ľ				-		2	5.	ľ	
	-	-		-			171	FA B	1.15	Ľ	
		F	F	-	-	29				1	
3	1	1	110		33	-			-	t	
	-	T		P7	140	-				X	
Γ.,		-	13.9						-		
1	1 14		spi	15	1	166		1		127	

stone 9. Make holy poetic 29. Medicin 10. Lubricate 11. Thirsty 16. Dad 17. Sodium herb 31. Wag

NIL LILLIS portion of soil SPACE AROMAL CATEGORICALLY 40. Bedstead ACE ARES GLEE RES LEAKE EYES support Solution of Yesterday's Puzzle 2. Remiss 20. Frames of mind 3. Assent 4. Cubic 21. Month of meter the year 5. Deep hole 6. Cuckoolik 22. Afternoon

bird

Wednesday Morning, October 18, 1961

Big Bomb

Khrushchev said the Soviet Union had been forced to re-sume nuclear testing because of international tensions, which he said had been created by the western powers in Ger-(continued from page 1) notice of a nuclear test, and the many. official agencies perhaps wait-ed for guidance. This also was the first time

Hansen since the Russians began their current series that they have To Lead

current series that they have announced any tests at all. The U.S. atomic energy com-mission in Washington, how-ever, has reported 20 such tests since Sept. 1. THE MOST powerful in the series so far, according to Ja-

series so far, according to Japan's central meteorological

The AUSG academic benefits agency, was on Oct. 6 when a committee seminar Sunday device of about 10 megatons night will be led by Dr. R. G. was shot off. Hansen, professor of biochem-

All the Soviet tests have been conducted in the atmosphere, istry. The seminar will be held 50 years. and health authorities around in the Student Service building the world have been reporting lounge at 7:30 p.m.

Seminar

a great increase in radioactive Students attending are asked fallout. Although authorities in to read "The Aims of Educamost countries have said the fallout is not yet dangerous, many have expressed uneasi-available in local book stores, the committee said.



Corner Ann & MAC - East Lansing

Michigan State News, East Lausing, Lucingan

information **Con-Con** today on campus (Continued from page 1) Green Splash - Wednesday, 7 p.m. (members only). 8 p.m. duct on the April ballot, since voter turnout in the spring open meeting. usually is very light. U-Bettes -- Wednesday, 7 p.m. "It would be a shame," he

said, "if a small percentage of Fresh Study Group - Wednes-day, 4 p.m., University Luth-eran Church. the people adopt or reject some-thing that will last us at least

Circle Honorary - Wednesday, 6:30 p.m., N. Campbell rec-Nord contended that the convention should examine with reation room. great care all the proposals before it.

to think of a month and a half and then repent for the next

p.m., 31 Union. Union Board Publicity Commit-He said he didn't believe the tee-Wednesday, 4 p.m., Oak Room of Union. Russian Club - Wednesday, 7 things up in four or five months. p.m., 35 Union.

Angel Flight - Wednesday, 7 Arthur T. Iverson, R-Detroit, indicated he regretted that the p.m., 36 Union. Union Board Special Events convention could not meet in Committee - Wednesday, 4 secret sessions, citing the fact p.m., Mural Room of the

that the federal constitution was written behind closed Union. Rifle Club - Wednesday, 6:30 doors. The convention voted p.m., Dem Hall basement. Fisheries and Wildlife Club last week to hold open sessions except when a majority of the Wednesday, 7:30 p.m., For-estry Cabin. delegates-elect authorized executive meetings. Pi Tau Sigma --- Wednesday, 7 Committee Chairman Richp.m., 11 Olds Hall. ard Van Dusen, R-Birmingham, Promenaders - Wednesday, 7 p.m., 34 Womens Intramural. said that the chairmen of all nine substantive convention Sno-Caps-Wednesday, 7 p.m., committees planned to get to-34 Union. Dr. Lang will gether on the matter of timespeak. tables and deadlines. Les Gourmets - Wednesday, 7:30 p.m., 101 Kellogg Cen-The rules committee decided to table the two proposals until ter. Martin Luther Chapel Choir after the committee chairmen have discussed the problem. Wednesday, 7 p.m. Accounting ard Finance Club Tuesday's plenary session was devoted primarily to rou--Wednesday, 7 p.m., Union. tine matters, with committee be created an office of legislameetings taking up most of the delegates' time. tive auditor. Under another proposal, in-In a one-sentence proposal, Claud R. Erickson, R-Lansing, suggested: "The legislature shall not en-act any statute which will re-sult in a graduated tax on the income of individuals." licensed to practice law in the income of individuals." Elimination of the office of state. the auditor general, along with The justices also would be the commissioner of the state required to pass a qualifying land office, was proposed by examination under a proposa Lee Boothby, R-Niles, who sug-gested that in their place there is III, R-Port Huron.

1,000 Blind, Deaf 'See', 'Hear' Miracle

CLEVELAND (2 - It wasn't a mere play to the 1,000 per-sons in the audience. They shared the spotlight with the stark drama unfolding on stage at the Hanna Theater Tuesday. Applause rang out with deen

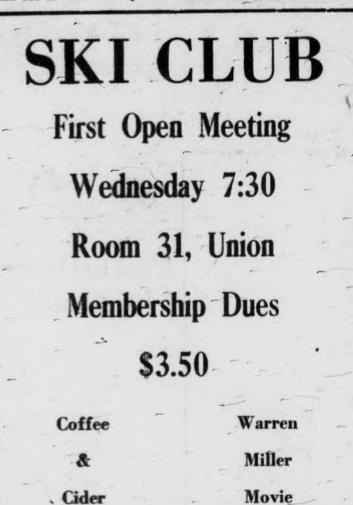
Applause rang out with deep emotion.

These people-blind, deaf or mute, adults and children-sat tially deaf-picked up the lines through sensitive hearing aids. through three hours of "The Miracle Worker." It was real Others were accompanied by sighted interpreters who to them. It hit with shattering "read" by gently transmitting hand-to-hand sign language. THINTY school children in

THE DEAF "watched" -the the audience saw, felt or heard special performance through how the remarkable Helen Kel-David Wilson of the Cleveland ler solved her problems with the great help of her teacher, society for the deaf. He stood to one side of the stage. His Annie Sullivan. hands and raincoat were treat-They were gripped with a

tense excitement. It was their ed with flourescent material to make the signs visible in the The children from suburban dark. Euclid sat in the balcony and | Communications were not al-

Some of the blind—also par-



act, many older persons moved | premiere of the play Monday to seats closer to the stage. Wilson moved to a balcony box and a light was flashed on him. Mrs. Jean Ehlert, one of four teachers accompanying the children, told why they were such an attentive audience. SPECIA

aughing only rarely. "They are deeply involved in this, much more so than an adult, unhandicapped audience would be," Mrs. Ehlert said.

"They are deeply moved be-cause they face the same prob-lems faced by Helen Keller." "I liked it when the teacher taught the letters of the alphabet to Helen," said Shelley Anderson, 11, of Euclid. "D-O-L-L for doll."

Billy Pasco. a blind 9-yearold from Wickliffe, said his



DIRCHA

WASH-N-WEAR

FLANNELS

\$ 195

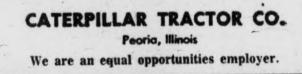
ways smooth. After the first mother attended the Cleveland

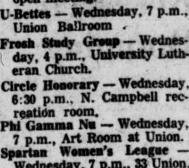
If you're about to receive your B.S. or M.S. engineering degree, Caterpillar Tractor Co. is interested in you.

Caterpillar is the World's leading manufacturer of Diesel Engines-Tractors-Earthmoving Equipment. Our products are everywhere . . . doing the work of the world . . . getting big jobs done in big ways.

At Caterpillar you'll be doing important and satisfying work in RESEARCH AND DEVELOPMENT - DESIGN - SALES - SERVICE - and many other fields. What's more, you'll be able to grow - solidly and steadily along with us.

Start thinking about Caterpillar now. Your Placement Office has more information about us.

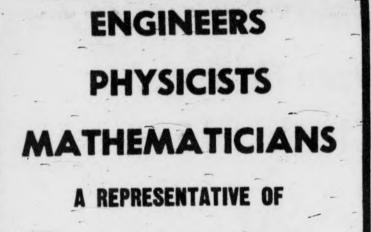




"I like to think first and ac second, rather than act first Modeling agency representa-tive to lecture. Alpha Phi Omega — Wednes-day, 7 p.m., UN lounge. Ski Club — Wednesday, 7:30 and repent at my leisure," Nord declared. "I don't want

convention would need seven and one-half months to comlete its work and predicted that it probably could wind

50 years."



MITRE CORPORATION

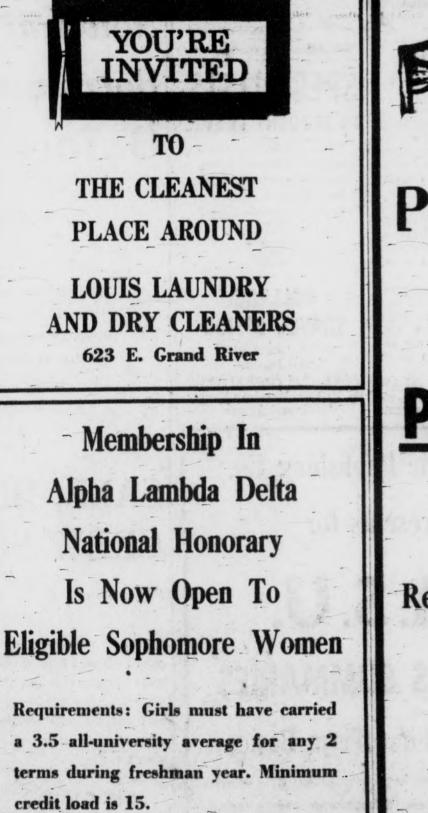
1.361

WILL BE CONDUCTING INTERVIEWS IN THE PLACEMENT OFFICE **OCTOBER 20, 1961**

ARRANGE FOR AN INTERVIEW THROUGH THE PLACEMENT OFFICE

APPOINTMENTS WILL BE MADE FOR BEDFORD, MASS., MONTGOMERY, ALA. AND FORT WALTON BEACH, FLA. FACILITIES

AN EQUAL OPPORTUNITY EMPLOYER



If you think that you are eligible for membership in Alpha Lambda Delta, please contact Miss Joyce McNamara, 101 Student Services by Friday afternoon, Oct. 20.

Polochek's Fabrics PRESENTS

Its Yearly **Pendleton Wool Sale**

Tables Full Of The Latest Plaids • Stripes and • Plains

Regular \$7.98 per yard a o co NOW per yard

> This Week Only Wednesday Through Saturday

OPEN TONIGHT TILL 9 P.M. Regular Hours 9:30 to 5:30

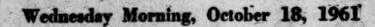
Polochek's Fabrics LUCON THEATRE BLOCK

427 E. GRAND RIVER AVE., EAST LANSING

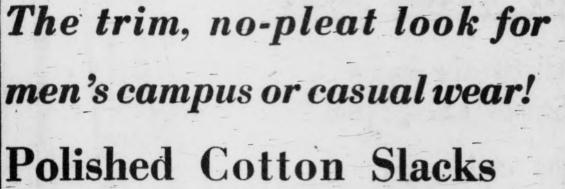
Michigan State News, East Lansing, Michigan BABY BOWMAN-Six year old BABY BOWMAN--Six year old Jack White of Riverdale, Michi-gan downed this yearling buck with his bow and arrow while bunting with his father near Review in Mackinaw Country Rexton in Mackinaw County. manships. Jack started archery as a All students may work on Interviews must be signed up committees but chairmanships for by Monday, three year old. 01=

Sanuta we will learn.

and film.







0

SPECIAL!

3.98

Slim . . . trim . . . sleek, 100% polished cotton slacks that needs no ironing .. Two top colors . . . Suntan and Olive in plain front tapered model . . . with or without belt loops. A special purchase at a special price for class or leisure wear.

STORE FOR MEN- STREET LEVEL

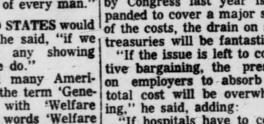




Health Center this week.

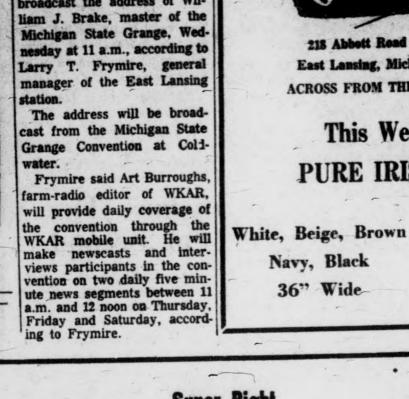
rig, director of Olin, considerable time is required for preparation and purification of the ed States.

highest since 1957.



of the costs, the drain on state

from those who can pay the costs for those who cannot, the burden on middle-income hos-



East Lansing, Mich. ACROSS FROM THE STATE THEATRE This Week Only! PURE IRISH LINEN 98 yd. Regular 2.98



Michigan State News, East Lansing, Michigan

Newest State Problem; To Stay Number One

He shuffled the teams in and

HERMAN JOHNSON, who

In addition, the biggest corps

of press and radio personnel

in recent history is expected to

Fred Stabley, sports chief of

campus information services,

said Tuesday that reservations

from all over the country have

The attraction is obvious. The

Irish, apparently Irish again,

cover the Saturday clash.

been pouring in.

out as they hammered away at the red-shirted substitutes.

whipped the field.

practice session.

By JERRY FISCHER State News Sports Editor

Being the nation's No. 1 team is fine, but . . . Staying in the top position drills Tuesday and then got

could be another story for the Spartan footballers. They face He shuffled the tough Notre Dame Saturday at Spartan Stadium in a renewal of the old rivalry.

"This series has drawn a impressed many early in the lot of national attention in the past," Coach Duffy Daugherty said Tuesday. "We've had a lot Quarterbacks Pete Smith and Dick Proebstle fired a pass or of All-Americans here since we started playing Notre Dame.'

After a long draught, the Irish appear to be back playing typical Notre Dame foot-ball this year.

They have opened with convincing victories and are rank-



CADETS - Pick up your BRASSO

for a spotless inspection

225 E. Grand River

ed sixth by the Associated have upset on their mind. The Spartans, as the week's foot-Press poll of writers.

Daugherty sent his charges ball giant, would make good upset material. through some fundamental But Duffy's crew knows it

can't let down. Not now, anyway.

For as long as they stay No. 1, it'll be the same every week.

Michigan game, was back at first string left halfback. Saimes Ties For Second

two despite the stiff wind which George Saimes, power driving Spartan fullback, is tied Fullback Roger Lopes, the for second place in the Big Ten husky Hawaiian, was not at the all games football scoring lead

The team spent some time with George Ferguson of Ohio going over last week's mis-State. Each has 24 points. takes in the Michigan victory. Saimes scored two touch But that didn't consume much downs in State's opening win time. As the score indicated, against Wisconsin and then addnot many mistakes were made. ed one each in the next two FEW ARE saying much, but games. His latest was a 17 the Spartans have plenty of inyard sprint against Michigan centive to win Saturday.

Saturday. Not only would they like to Joe Williams of Iowa and Bill keep that No. 1 ranking, but Swingle of Northwestern, both they have the winning momenfullbacks, share the scoring tum and want to keep it.

GEORGE SAIMES

State to 'Show Off' lead with 30 points each.

> By MIKE SKINNER State News Sports Writer

Calvin College will face one of the best halfback lines in ed for the amature Milwaukee college soccer when it tangles Serbians. with Michigan State in Grand Rapids today.

Ken Graham.

anywhere.

The game, which begins at 3:30 p.m., will be held at the Knights new Knollcrest Playing Field.

Sam Donnelly, Dutch Kemeling and Ken Graham comprise the Spartan halfback line that State Coach Gene Kenney has called "one of the best." "They work together and move the ball very well," Ken-

ney said.

Michigan / State News, East Lansing, Michigan SPORTS Wednesday Morning, October 18, 1961

rushing and the Spartan for-IM Schedule vaunted line, the AP said. Varsity Club to Meet The Varsity Club will hold a meeting in the club room in 145 the stadium at 7:30 p.m. ryau 3 1 Recent pledges will be initiated and a football movie will S:19 be shown. Woman Claims **Altitude Mark** CALIF. (P-Jacqueline Coch ran, who recently claimed six IM Bawling speed and distance records for women pilots, said Tuesday she 3-4 S. Nu vs. Phi 6. Sig 5-6 D. Chi vs. Phi Gam 7-8 D.T.D. vs. A.T.O. had set two world altitude marks. She flew a Northrop T38 Talon jet trainer to 56,071 feet Will Notre Dame Thursday, topping her own 8year-old record for women of **Pull a Fast One?** 47.169 feet by 8,902 feet. You Bet, Says AP Notre Dame, the nation's sixth ranked football power, will defeat No. 1 ranked Michigan State 27 to 24, according to the Associated Press. IRISH GROUND THREAT-Angelo Dabiero, Notre Dame According to AP this could be the most exciting MSU-Noback, has been running wild in the first Irish games this fall. The Spartans defenses, tough all season, will try to put a stop to that Saturday. tre Dame contest since State outlasted the Irish 36-33 in a 1950 scorcher. The real showdown will be up front between an Irfsh line which smothered Southern California to a minus four yards Halfbacks at Calvin teammates, is a junior from Racine, Wisconsin. ervoort's To keep in shape during the past summer Kemeling play-Holding down the left halfback slot is another 1960 All-Midwest first team selection Graham, a 5' 10" 185 pound junior from Flint, is a former captain of the U.S. Armed Forces soccer team while he was serving in Europe. Like his other halfback part-MICHIGAN STATE ners, Graham is a versatile **BLANKETS** player who can play almost

She also held the T38 to an wards who shredded Michigan's altitude of 55,253 feet for 90 seconds, thus becoming, she said, the first person ever to set a world record for sustained altitude under National Aeronautic Association rules. In her recent series of speed runs, all made in the T38, Miss Cochran hit a top speed of 844.2 miles an hour over 15 kilometers. The previous record was 715.1 m.p.h., by Jacqueline Auriol of France. PACKARD MADE-TO-MEASURE SHIRTS TAILORES TO INDIVIDU-AL MILLORES TO INDIVIDU-AL MILLORESTATA. Over 100 FASAICS FOD DRESS, SPORT SHIRTS. FIT ARY MAN, REGARD-LISS OF SIZE CHOICE OF COLLAR. CUT, BOOT STILE. HED CUSTOMERS-C for appointment call ED 7-2709 or ED 7-1721 Varsity Drive In



213 E. GRAND RIVER EAST LANSING Ph. ED 2-2114

Show Your Colors At Saturday's Game!

Carry your Spartan colors . . . be



Wednesday Morning, October 18, 1961

Michigan State News, East Lansing, Michigan

SHOP WITH ME IN 68 **CAMPUS CLASSIFIEDS** PHONE 355-8255 or 355-8256

DEADLINE 1:00 P.M.

	and the second se	and the second second	The maiden flight of the	the control system of the first Saturn flight test vehicle could
AUTOMOTIVE	FOR RENT	PERSONAL	heavyweight rocket, which one day may boost a three-man	result in a significant improve ment in booster performance
1958 AUSTIN HEALEY. Wire wheels, overdrive, new paint, very clean. Must sell 337-9514. 17	GARAGE. Western section of East Lansing. \$5 per month. Phone ED 7-0792.		spaceship around the moon, was scheduled late this week. But the National Aeronautics	and resulting test data. As a and development test has been
1955 BUICK Special. 3-door. hardtop. Good condition. Need money! Call Tom at IV 7-5118 af- tor 5 p.m. 16	APARTMENTS FURNISHED APARTMENT. 3 rooms, bath. Utilities, \$100 a month.	M.S.U.	and Space Administration an- nounced Tuesday that the test	result, the first Saturn research delayed. If all goes right on the initia
1985 CHEVROLET Convertible. V-8, new top. \$500. IV 4-3176. 15	405 Grove St. Side entrance. Mar- ried only. Apply 504 Division. ED 2-3438. tf.	N.A.A.C.P.	has been delayed indefinitely. Officials reported the decis- ion was based on data obtain-	flight, the Saturn will reach an altitude of 95 miles and plung into the Atlantic ocean 235 mile
1960 CHEVROLET Impals. Con- ertible. Black with white top, izandard shift. excellent condition. TU 2-9986 after 5 p.m. 16	ROOMS ROOM FOR RENT. Male student. Close to campus. ED 2-1976. 16	General Busness	ed from tie-down firing tests of another Saturn at the Marshall Space Flight Center, Huntsville,	away eight minutes after launch. This will be the first 1
1960 CONSUL. 4 door. Excellent ondition. Very low mileage. NA 7- 338.	LARGE ROOM. Beautifully fur- nished, twin beds, 2 desks, private entrance and bath. In lovely ranch home, Reasonable, ED 2-0276 days	Meeting	Ala. A project spokesman said the refinements involve devices in	research and development fir ings leading to an operational booster in 1964.
1959 FIAT, 1200, 4 door, new ires. Very clean. Makes fine sec- nd car. \$795. ED 7-0210. 17 1960 FIAT Bianching. 40-50	home, Reasonable, ED 2-0276 days or ED 2-0550 nights. 15		the control system which sense pitch and yaw movements of the vehicle, distortion and vi-	Early missions of the opera- tional Saturn will be to send the three-man Apollo space
1960 FIAT. Bianchina. 40-50 ppg. Excellent condition. ED 2- 852. 17 1952 FORD. V-8. custom line.	BLACK EBONY Cameo broach. Leather backed. Lost in area of Library. Family piece. Desire re-	Thur., Oct. 19, 8 p.m.	brations. He said the modifica- tions will make these detectors	craft into earth orbits lastin several weeks and placing the manned craft in orbit around
Excellent Condition. Overhauled. Leaving best offer. Call IV 9-9531. 15	turn for sentimental reasons. Call IV 5-4972 after 6 p.m. tf FOUND. Pair of girl's glasses.	Room 311	as sensitive as possible in order	the moon.
MG-TD. 1952, white, convertible, ingine completely overhauled, round \$790. Must sell. B609 L inversity Village, 355-6151. 15	vicinity of library. Brown frames with pen attached to case. 355-5352. 16 LOST. Pair of black framed	STUDENT SERVICES	Prof Back From Meet	L-C Tickets
bess PLTMOUTH Hardtop. Power teering and brakes, radio, heater, oed white walls. Engine and body office shape. ED 2-0435.	glasses. Possibly between Snyder and Home Economics Building. Call 355-9292. 17		Paul L. Moore, Associate	Ready Now
1953 RAMBLER. 4 door, 'radio, eater, good tires, new battery. D 7-1258 after 6 p.m. 19	LOST. Man's navy blue wool car- digan sweater. Between Music Building and W. Shaw. 255-9216. 17	BUILDING	Professor of Continuing Edu- cation, returned last week from Cleveland, Ohio, where	At Union
1959 RAMBLER American. Ex- ellent condition. Clean through- ut. \$875. Call James Vandelin,	PERSONAL SENSATIONAL folk singer, Joan		he attended the fall meeting of the Federation of Management	Reserved seat tickets for the Roger Wagner Chorale, Oc 24, and for the Mazowsz
5-5144, Ext. 2311, station 106, 4:30 p.m. 15 1957 TRIUMPH hardtop. New	Baez, appearing Ann Arbor H.S., Friday, October 27, \$:80 p.m. Tick- ets available at the Disc Shop. If		Organizations. Moore represented the Amer- ican Society for Personnel Ad-	Dance Company's presentation Nov. 6 are available now at the
de curtains, wire wheels, szcel- nt conflition, \$1200 for quick wie. 1646 Lindbergh Drive, Lan- ng. 17	Services Bldg. for two itee passes	interested students	ministration at the conference. The conference agenda in- cluded discussion of research	Union's second-floor chec room in exchange for coupon in student activity books.
FEET HURT! College men can rive with insurance from Robolz Top of Jacobson's. ED 2-8671-16	to the Crest Drive-In. 4f THE KINGSTON TRIO coming Wednesday, November 8, 8 p.m., Civic Center, Tickets \$5.50, \$2.50.	are	projects and merger possibili- ties.	Students may choose one of the two events as long as ticl ets last.
EMPLOYMENT	Civic Center. Tickets \$5.50, \$2.59, and \$4.50, Reservations now being taken at the Disc Shop. ALL UNIVERSITY CALYPSO	invited	Davis To Address	Coupon B itself will not ad mit students to either production but must be exchanged for
VOUNG- MEN, part time work. VIII arrange hours to fit schedule. 2.25 per hour. Call IV 2-5622. 17 MALE CHAUFFER with car.	Night. Bamboushay Steel Band. October 27, Union Ballroom. 5.75 and \$1.25. 8-12. Casual. Caribbean Club.	REAL ESTATE	Education Group	reserved seat tickets. ID must be presented at the doo
art-time. Call Raymond Robert- on, piano tuner, IV 7-3281. 23	WANTED-2 chicks. Where are	LANSING'S FINEST Southside	award Wednesday in Amer	with tickets for admission t either event.
FOR SALE	Blakey, Friday night at the Minor Key with J.C. and Ken. ED 2-3913. 16 KENNY DAVIS plays every Sun-	ed living room in rear. 1% baths with ceramic tile and colored fix-	Graduate Hall in the first of a series of lectures sponsored by	0
hons, McIntosh, Northern Soya nd Cortlands, Fresh apple cider, quash. Eie and Halloween pump- ins, Farm fresh eggs. Also other ruits and vegetables at reason-	day at the Meadowbrook (former American Legion) from 4-5 p.m Admission \$1.00. 17	tures. Built-ins and cating area in large kitchen. Full basement. \$18 900, Call owner. TU 2-5788. 19 EAST LANSING, Near. For ex-	graduate education fraternity	
ble prices, Roadside Far.n Mark- , 2 miles east of East Lansing n US 16 at Okemos Road. tf	Lavaliers	EAST LANSING, Near. For ex- ceptional value, check this. Ex- pandable 2 bedroom ranch, 1% baths, full basement, attached gar- age, \$600 down on FHA terms.	be Dr. James M. Davis, direc-	IIIC
CRIB, Highchair, sleeping bag, ent, canvas bed. Call ED 2-5154 venings.	Recognition	Can you qualify for this? If so, call Eva Wabeke, ED.2-4112 or ED 2-6595, Walter Neller Co., Rest- tors	tor of the University of Mich- igan International Center and associate professor of higher	

Delay Saturn Test

CAPE CANAVERAL, Fla. (2) to gain as much in-flight infor-The first launch of the Saturn super-booster has been post-coned, perhaps for a month, so refinements can be made in "Project officials have de-

ices in the flight

"Project officials have dethe control system of the first Saturn flight test vehicle could flight of the result in a significant improve ht rocket, which one boost a three-man ound the moon, ed late this week.

ment in booster performance and resulting test data. As a and development test has been result, the first Saturn research delayed. test test tely. If all goes right on the initial flight, the Saturn will reach an altitude of 95 miles and plunge into the Atlantic ocean 235 miles all away eight minutes after launch. This will be the first 10 research and development fir-ings leading to an operational booster in 1964. Early missions of the context of th ational Aeronautics Administration anasday that the test layed indefinitely. orted the decis-

Early missions of the opera-tional Saturn will be to send the three-man Apollo space-craft into earth orbits lasting several weeks and placing the manned craft in orbit around only. General Electric Co. interviewing Metallurgical, Electri-cal, Mechanical engineers and Physics majors. Chemical en-gineers and Math, Statistics, the moon.

and Applied Mechanics majors. General Motors Corp. inter-viewing Mechanical, Electrical Metallurgical and Chemical en-gineers. Math and Physics ma-

ation in the Pla

er 23-27:

wing Electrical,

Bell Telephone System interviewing all majors of the College of Business & Public Service - December and March

Spartan

Briefs

grads only. Reserved seat tickets for the Roger Wagner Chorale, Oct. 24, and for the Mazowsze

Students may choose one of the two events as long as tick-Canadian Students Club will Coupon B itself will not ad- hold its first meeting Thursday mit students to either produc-tion but must be exchanged for Union. Students who wish furreserved seat tickets. ID's ther information should conmust be presented at the door with tickets for admission to either event. June McDonald, 355-0442; or Jeannette Nachazel, 355-0437.



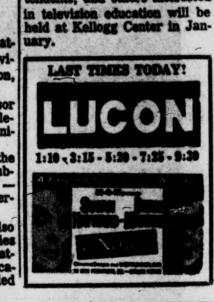
"Uses of Television in Educa-McKune tion." Placement Attends TV teachers, principals, superin-Bureau tendents, and others interested Conference

Dr. Lawrence McKune at-tended a conference on televi-sion education held in Weston, W. Va., on Oct. 3-5.

W. Va., on Oct. 3-5. McKune, associate professor of continuing education on tele-vision, is in charge of the Uni-versity of the Air program. He has been a member of the North Central Association Sub-committee on Television — which sponsored the confer-ence-since 1953. This subcommittee has also Douglas Aircraft Co., Inc. in-

This subcommittee has also published a review of policies for television education, a stat-us report of television educa-tion, and a booklet entitled





milar confer

Michigan State News, East Lansing, Michigan SCIENCE Wednesday Morning, October 18, 1961

Planetarium Model on Display

The proposed planetarium.

Possible Cancer Cure in Puffballs-

A research team at the Biology Research Center is working, medical value." with about 1,500 pounds of puffballs hoping to increase the Calvacin was discovered production of calvacin, a possible cancer cure.

Dr. Everett S. Beneke, professor of botany and plant pathology, and five assistants, comprising the team, are endeavoring to find which variety of puffball will produce the most calvacin and how well it can be produced in the laboratory.

A puffball extract, calvacine with their research. Spores The findings came as a re-is a non-diffusible muco-pro-from different varieties of puff- sult of Lucas' studies of a mush-made, Toll said. tein which has been found to balls are placed in a synthetic room that grows in Bavaria. retard 13 types of cancer in medium of salts with the addi-the end result was calvacian size of the salts with the addi-the end result was calvacian size of the salts with the salts with the addi-the end result was calvacian size of the salts with the salts with the salts with the salts of the salts with the salts wit laboratory mice, rats and tion of yeast extract and pep- extracted from Calvatia giantone, a substance produced tae, a puffball grown in Michihampsters.

The chemical has not been from protein. tried on humans, but will be This composition is then The university, the National used at the Sloan-Kettering In- grown at an 80 degree fahren- Institutes of Health, Armour stitute for Cancer Research on heit temperature for 14 to 28 and Co. and Sloan-Kettering Inseriously ill cancer patients days. After the germination of stitute have been working with within the next few months, the spores, the better strains calvacin since then. are selected that will produce Beneke and his assistants Beneke said.

"However, only carefully the most calvacin, Beneke said. have been able to make some controlled clinical studies over Even if calvacin is not an breakthroughs that permit a period of years will show inhibitor of cancer, the time more calvacin to be grown in whether or not calvacin will be and money spent on the re-effective against cancer. Hun- search will have been worth- continued through grants from the National Institutes of dreds of other promising sub- while, Beneke indicated. stances have failed clinical "The knowledge gained and Health. tests. In this sense the odds the techniques devised," he ex-are against calvacin," Beneke plained, "will be of value in have been testing calvacin at the development of mushrooms their own expenses and both continued. In spite of the odds, Beneke and other related fungi that will try it on humans in the

and his crew are going ahead appear to be of potentially great near future.

Bagwell's Papers Automation Defined X-15 Sets New **Given To Museum**

A constructed model of the proposed Alumni Planetarium The personal papers of Paul

The personal papers of Paul D. Bagwell, Republican candi-date for governor in 1958 and D. Bagwell, Republican candi-date for governor in 1958 and D. Bagwell, Republican candi-date for governor in 1958 and 1960, are a new acquisition of the university museum. "Mr. Bagwell's papers are one of the most significant col-lections available in the field of Michigan political history." said Dr. Marvin R. Cain, cur-ator of history at the museum. "He was an active and popular candidate. As time goes by

The purpose of the model is to assist people in visualizing where the planetarium will be and what it will look like, ac- lection will take on even greatcording to Robert Toll, direct- er importance."

or of the development fund. The proposed structure will adjoin the south side of the mu-seum facing Olds Hall. It will greatly broaden University Cott greatly broaden University Col. with Bagwell's campaigns for lege studies in Natural Science and will be open to the public there is also information on his and will be open to the public activities as President of the activities as President of the U. S. Junior Chamber of Comscheduled evening programs, merce and his tenure at the said Toll.

university, where he headed Of the 300 thousand dollars the Department of Communineeded to finance the planetcation Skills in the University arium, more than one third has College. been raised, according to Toll. The papers are restricted:

ment.

be 47. This includes six in cap-

at the New Orleans zoo this

WASHINGTON M-Science

In urging an attack on the

dent Kennedy announced.

Money has been sought by however, scholars and students direct mailing, and a more permay use them if they obtain sonalized method, telephone soeither Bagwell's or Mrs. Bagliciting. well's permission, Cain said.

In a local Lansing effort which lasted for four nights

eight years ago by the late Dr. with 41 people calling alumni E.H. Lucas, professor of horti-culture, and Richard U. Berry-were taken for a total of \$9,200. has decreased more than a The effort had TV, radio, and cent a pound a year because um, professor of biochemistry newspaper coverage, and about of farmers use of research and assistant provost.

four or five thousand calls were findings in feed and manage-

NEW YORK (M-The nation's) If all 40 got back safely to Aeronautics and Space Admin- Aransas, the known world popistrator gave an optimistic re-port of the U.S. Project Mercury, designed to put a man into orbit before the end of tivity and a young one hatched

the year. The deadline will be met, said year. James E. Webb, "if all goes well." He told a news conference might find ways to make na-U.S. space scientists plan to tions behave rationally as a byprecede the shot with the orbit- product of intensified research ing of a chimpanzee around the on mental retardation, Presi-

earth. AMMAN, Jordan (A)-An arch- problem, Kennedy said such

eological expedition near Pet- research might uncover the ra, 180 miles south of Amman, secrets of life itself. has reported discovering the remains of four villages dating

By BILL STEINER ate News Science Editor State News Sci From raw material to finish

ing, processing and other types Among them are the delegaof controlling which are so tion of labor and repetitive op-necessary in this very exacting erations to machines, an inindustry.

Communication engineering deals with the field of computers. It can refer to anything from a simple office digit machine to a giant computer like MISTIC here on campus.

Transfer processing deals with the linking together of several manufacturing steps which were formerly done separately. Since World War II the re-It's used mainly in the manu-facture of automobile, refrigerator and similar parts which require much molding and machining.

word . . . until

CLEANER 5

SAT. TILL 7

Speed Record AUTOMATIC assembly is the dest of the automation pro-EDWARDS AIR FORCE cesses. Such things as light ed product without human as- bulbs and radio tubes have

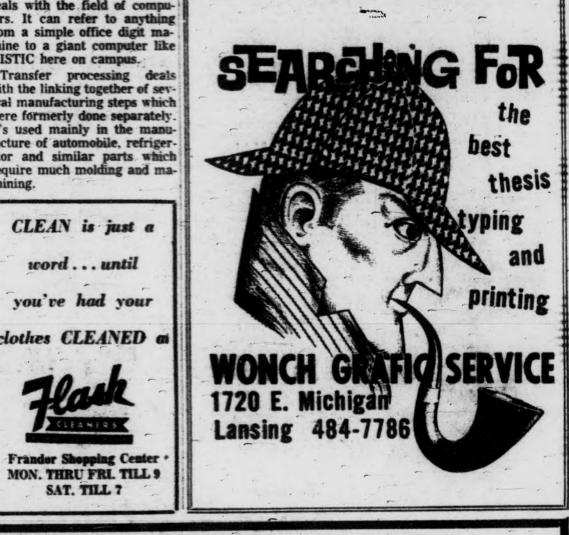
intervention.

BASE, Calif. Un - The X15 rocket plane streaked a record sistance, this is automation. been assembled this way for 3,315 miles an hour Tuesday-

sistance, this is automation.
Simply defined, automation, is mass production applied to the point where it completely takes the place of human labor and control.
Although usually treated as a single process, automation is more easily understood if it's broken down into separate parts. These can be listed as control engineering, transfer processing and automatic assembly.
been assembled this way for over a generation.
Although these processes are used separately, they can be combined into an entirely automatic on this will take the product from materials handling through processing operations and finally into quality control or materials handling through and automatic assembly.

Aside from the sociological of seminars dealing with auto-CONTROL engineering is aspects which are constantly mation. These feature well used chiefly in the chemical in-dustry. It deals with the mix-ing, processing and other types Among them are the delega-but the sociological implications as well.

> CAMPUS CLASSIFIEDS crease in production capacity





from about 6,700 B.C. WASHINGTON The National Aeronautics and Space **ONE WEEK ONLY** Administration fired an instru-ment-laden rocket 585 miles up and 817 miles out over the Atlantic last week to gather data about the upper atmosphere. There was no effort to re-cover the 109 pounds of instru-ments it carried and which sent SECOND ANNUAL MACKINAC ISLAND SALE back their findings The mis-sion was to determine density of electrically charged helium Top savings... and hydrogen atoms in the up-per ionosphere. EAST LANSING - Trees **MEN'S MADRAS** IMPORTED BRIILIAY cover over half of Michigan's SKIRTS land and constitute the state's SPORT COATS most valuable crop. FROM BRITAIN "About 73 million dollars worth of wood is harvested an-\$29.95 **VALUES \$25.00** nually from 19 million acres," estimates Lester E. Bell, uni-Now \$1500 Now \$1000 versity extension forester. "Distribution and manufacturing add another 600 million dollars to the wood value." Foresters estimate that Americans already use about 5,000 items-derived from wood in their daily lives. Bell says ex-panding population and new products should at least double **IMPORTED KILTS** MEN'S HANDKNIT present demand for wood by the year 2000. ONE LOT OF Linda Lee has the FROM SCOTLAND **CREW NECK SWEATERS** * * * OTTAWA (#) — Four young Whooping Cranes are believed flying southward toward the SWEATERS shirts cut out FINE WORSTED NAVY BLUE, BEIGE, VALUES \$19.95 **ORIGINALLY \$35.00** for you ... and BROWN wintering grounds at the Ar-ansas wildlife refuge on the Texas coast, the Northern Af-\$600 NOW \$1000 SAVINGS-PRICED Now \$1750 \$25.00 at \$2 ea. fairs Department said. Latest checks indicated all the young and their parents have begun the 2,600-mile flight. Crisp as paper dollsour wonderful collection **200 LAMBS WOOL SWEATERS ONE LOT OF KNEE SOCKS** THIS WEEK ONLY FROM SCOTLAND of cotton shirts. Many styles, **VALUES \$4.00** PRE-SEASON VARIETY OF SEVEN COLORS 1/2 off many colors. Sizes 32-40. VALUES \$14.95 NOW \$1000 Also, a group of shirts **Top Coat ONE LOT WOOL SLACKS** priced at **ENGLISH WORSTED COATS** SIZE 18-16 VALUES \$20.00 Sale TARTAN PLAIDS \$3 ea. 1/2 off 1/2 off What better way Save \$1000 to buy than a FROM REGULAR PRICE Linda Lee Charge Account (THESE PRICES ARE 1/2 30 DAY Len Kositchek's Scotch House OFF ORIGINAL COST) CHARGE VARSITY SHOP LAYAWAY 417 E. GRAND RIVER . ON THE CAMPUS 228 ABBOTT ROAD