

Finalize Chemistry Plan



NEW JOB FOR KEDZIE--Plans to change Kedzie Chemistry Building into a natural science building, and to build a new chemistry building on the Farm Lane extension are now under way. --State News Photo

Fall 1963 Target Date For Building

Chemistry students will be studying in a new building by fall of 1963 if present plans are not disrupted, said campus planner Harold Lautner.

Detroit architect Ralph Calder was told to proceed with final plans for the \$6 million building after the legislature gave the university \$750,000 for initial planning last month.

Construction of the new building east of the Agricultural Engineering Building on an extension of Shaw Lane will allow the chemistry department to vacate Kedzie Chemistry building, potentially one of the most dangerous buildings on campus safety wise, because of the nature of materials used in the building.

Lautner expects the plans to be completed for bidding during fall term.

University officials have been urging the new building since an explosion rocked the 35-year old Kedzie Oct. 29, 1959, injuring five graduate chemistry students, one fatally.

At that time, President Hannah said Kedzie was obsolete because there was only one door for each laboratory instead of the safety-recommended two. The five students injured in the explosion which caused \$15,000 damage would have been trapped if the explosion happened near the exit.

Officials said the Kedzie building would be remodeled for natural science use. (Continued on page 2)

Political Play To Start

By UTE AULD
Of The State News Staff

The darkness of a country caught in the horrors of revolution provides the background for Ugo Betti's "The Queen and The Rebels," the fourth production of the University Theatre Summer Circle.

"The Queen and The Rebels" is one of the last plays by Betti, who is now recognized as Italy's greatest dramatist in the generation following Pirandello, and it is Betti's first play to be widely performed in the United States.

The plot of the play concerns the search by a group of revolutionaries for a woman known as the Queen, who was a person of great political power prior to the revolution but has now been stripped of her following.

If the true facts of the Queen's state were to be known, it would cause those opposing the revolution to lose heart. To prevent such a catastrophe, a prostitute poses as the Queen and consequently suffers a martyr's fate.

Taking the role of the prostitute will be Mariam Alexanian Duckwall, a member of the Speech department staff, while the part of the Queen will be played by Barbara Rutledge, wife of Director Frank C. Rutledge.

The revolutionaries will be Leeds Bird, Bay City graduate student; Larry Rose, Evanston,

Illinois freshman; Allan Kepke, Fairview, Ohio graduate student; and Alden Smith.

The part of the Engineer will be played by Eddie Jones, Benton

(Continued on page 3)

Concert Well Received

The second concert by the American Federation of Musicians Congress of Strings was presented July 12 in Fairchild theatre.

Schedule Set For Arts Festival

Two major events in the Fine Arts Festival are scheduled for Thursday, the Festival Committee has announced.

Eight members of the faculty of the A. F. of M. Congress of Strings will perform two major works from the literature of chamber music at 4 p.m. in the Music auditorium.

Scheduled for performance are Fvorak's "String Quartet in E Flat Major" and Brahms' "Quintet for Piano and Strings in F Minor."

Among the members performing in this concert will be Paul Oberig, head of the Music Department at the University of Minnesota and dean of the Congress of Strings. He is a concert pianist.

At 8:15 p.m. Robert Shaw will conduct the 300-member Congress orchestra.

The orchestra will accompany the 140-member Festival chorus in performing Bach's "Magnificat," Schubert's "Mass in G Minor," and Stravinsky's "Symphony of the Psalms."

Tickets may be purchased at the Union ticket office.

It was received enthusiastically by a capacity audience, which registered its approval by vigorous and prolonged applause. The conductor on this occasion was John Barnett, who led the group with assurance and a high degree of musical sensitivity.

The program consisted of a tasteful blend of old and new, providing an evening of delightful contrasts.

The musical fare ranged from the delicate Suite from the Fairy Queen by the 17th century composer Henry Purcell to the lilting Serenade for String Orchestra by the modern Danish composer Dag Wiren.

While lacking in the brilliance of the first concert, the program provided opportunity for the young musicians to reveal the refinement and polish which is developing rapidly under the tutelage of their excellent instructors. The progress of the group was evident in the beautiful balance between sections, the delicate phrasing, and the neatly-bowed passage work.

The concerts provided by this group and those by the faculty of the String Congress give a real bonus of enjoyment to music enthusiasts of Michigan State university and this community. The enthusiasm with which their efforts have been received indicates a growing appreciation of excellence in musical performance.

City Library Will Grow

Construction is underway for a new library in East Lansing which officials said is needed to handle a greater amount of students and townspeople expected to use the facilities by 1975.

Library officials hope to be in the new building, being constructed at Abbott road between Centerlawn and Northlawn streets, by early 1963.

The new building will be 12,000 foot square with modifications to expand to 20,000 square feet in the future.



CHANGE IN MANAGEMENT--Formerly the Lucon Theatre on Grand River Avenue, the Campus Theatre has changed its marquis sign, and is now operating under new management.

--State News Photo.



Strange Story On Michigan Wheat

(The following editorial is reprinted from the Detroit News.)

Senators Hart and McNamara have proved they are truly "U. S. senators" -- not Michigan spokesmen -- by their support of the administration's now defeated farm bill, weirdest political concoction since the Volstead Act.

Michigan Democrats turned their backs on Michigan consumers and Michigan farmers and voted to give Michigan's wheat market to the farmer in the surplus-producing states. They voted for the farmer in Kansas and Nebraska, Oklahoma, Montana and the Dakotas.

The record isn't even challenged. Here it is:

Again and again -- no later than last year -- Michigan farmers in federally conducted referendums rejected the bargain which gave the government control over their production in return for the privilege of price supports, or "rockin' chair money," for not growing wheat at all.

And that was in rigged elections. The federal government already had cut and cut and cut allotments, then disqualified from voting all wheat farmers with allotments of less than 15 acres. In the regional voting, Michigan farmers were overwhelmed by western surplus producers.

Here is another part of the record every Michigan member of Congress knew: Eighty per cent of Michigan's crop is soft white winter wheat, peculiarly suited to pastries, a variety in short supply. Yet Michigan Democrats in Congress voted to handcuff the Michigan farmer and force him to let the producer of surplus hard red wheat take over his peculiar market.

The accusing record is damningly definite in the case of rep. James G. O'Hara of Michigan's six-county Seventh District. Weather damaged the 1961 wheat crop there. Much of it sold for as little as \$1 a bushel at the mills. To get seed for the next crop, farmers were importing it from a tiny area in Ontario at more than \$3 a bushel.

The cost of the surplus wheat burden -- including storage at \$1 million a day -- is largely borne by the city consumer. They pay one bill on the wheat to the tax collector and another on high-priced food at the grocery counter. They are told they are helping out a helpless neighbor, the farmer. But the record shows Michigan farmers want no such help.

Farming is Michigan's second largest industry still. The prosperity of thousands of Michigan cities and villages rise and fall with its success. Wheat provides one tenth of the income of Michigan farms. Until Washington tinkering began, Michigan ranked seventh in the nation in wheat production and first in crop quality. Democrats in Michigan and Lansing profess apprehension over Michigan's economy. They don't vote that way.

The argument for the farm bill was that it would cut support and storage costs. Who is to believe that when it extended the controls and subsidies to milk and to feed grains.

Michigan, which played a major part in lofting the first American into space, has been told by the administration it is not geographically well located for the missile industry, now transferred to more politically influential Southern states. Some supine Michigan members of Congress accepted that.

The same explanation hardly will be accepted by Michigan farmers in the attempted giveaway of a market to which their skills and land are adapted and which they dominate by nature's law.

Building

(Continued from page one)

ural science classes which do not pose a safety threat to the structure.

The first floor of the five-floor building will have two large lecture halls with 100 and 300 seat capacities, said Donald Ross, University supervising architect. Laboratories and small lecture rooms will be on the first floor, also.

The second floor will contain general chemistry labs and class rooms along with organic chemistry installations. Department offices and labs for analytical and inorganic chemistry will be on the third floor.

More inorganic and analytical chemistry labs are expected to be on the fourth floor with organic chemistry labs on the fifth floor. Instructor offices will adjoin class rooms and labs, Ross said.

Grad Wins

Robert L. Bradley, a MSU graduate student, has won top honors for his original research on the spray drying of cheddar and blue cheeses. Bradley won one of the top two awards given annually by the American Dairy Science Association.

LANSING--P-When George Romney and D. Hale Brake agreed to a compromise package settling several controversial issues in the Constitutional Convention there were outraged cries of "sellout" from the Democrats.

But both Romney, likely Republican nominee for Governor, and Brake, a leader of the GOP conservative-rural bloc, defended their agreement as the logical way of avoiding a stalemate in a deliberative body.

The compromise package touched on finance and taxation, legislative apportionment and the executive branch of government.

Because of his candidacy for the State's highest office, Romney's views of the provisions of the executive article drew the spotlight of attention.

Here is how he summed it up recently:

"Under the existing Constitution, executive authority in the State is divided and responsibility blurred among the Governor and the independently elected State Administrative Board, and a brier-patch of more than 120 boards and commissions."

Romney pointed out that in the new document the Governor and Lieutenant Governor are elected as a team, rather than separately, and will serve four-year terms instead of two.

This would permit the development and execution of effective programs without interruptions to campaign for reelection, Romney said.

Strangely enough, most Democratic delegates agreed with Romney on some of his views -- four-year terms and cutting the number of State agencies.

But they parted violently with the American Motors ex-president on the issue of whether members of the State Administrative Board should be elective or appointive. The Democrats want to keep the positions elective.

Describing the proposed Ad board setup as a "monstrosity," they asserted:

"The proposed document weakens the administrative arm of the government and takes away the right of the people to elect a Treasurer, Auditor General, Superintendent of Public Instruction and the Highway Commissioner."

"Thus the present system of having the Michigan electorate vote for these officers would be replaced by a system that takes the responsibility from the people, keeps it from the Governor, and so weakens and conceals responsibility that no individual or party can really be held responsible for the administration of the executive positions."

Romney, however, insisted that every one of the new proposals strengthens the executive branch and increases the ability of the Governor to enforce faithful execution of the laws.

Under the proposed Constitution, the offices of Secretary of State and Attorney General would remain elective.

The State Treasurer would be appointed by the Governor, with the advice and consent of the Senate.

A bi-partisan Highway Commission would appoint a State Highway Director. The Board of Education would appoint the Superintendent of Public Instruction. And the Legislature would appoint an Auditor Gen-

Con-Con Measures Defended By Romney

eral. Turning over the auditor job to the Legislature, said Romney, would end the "inconsistency of having an official in the executive department whose job it is to be a watchdog for the Legislature over the performance of the executive branch."

Debate on the proposal was long and loud, and the vote close -- particularly on the highway commission provision. But the Democrats were unable to crack the compromise forces, and the revised Ad board stayed in the new document.

The advice and consent power of the Senate -- by which Governors' appointments can be vetoed -- also was a prime target of the Democratic barrage against the executive article.

Republicans defended the principle as basic to the American concept of checks and balances between the three branches of government. However, they agreed to require a majority vote of the Senate within 60 legislative days to reject a Governor's appointments.

Under the present Constitution the appointments are not official until and unless the senate approves them.

In their proposed substitute Constitution, Democratic delegates wrote in a requirement that an appointment would stand unless rejected by a two-thirds vote of both the House and the Senate within 60 days.

"And this would have to be by a fairly-apportioned House and Senate, one delegate said, adding:

"Appointments should be made on the basis of ability, not confirmability."

Democrats said that under the provision included in the pro-

posed Constitution, "the mal-apportioned Senate guarantees that a Democratic Governor or a Republican Governor would have to select appointees on the basis of confirmability by the most conservative veto block of Republicans, rather than on the basis of ability."

Inclusion of the eight-member bi-partisan Civil Rights Commission in the executive article also came in for Democratic criticism.

Contending that the section actually belonged in the Declaration of Rights proposal, the Democrats accused the GOP majority of attempting to sweeten up the package and embarrass them.

"We refused the sacrifices of our principles with just a touch of saccharin," commented Tom Downs, D-Detroit, a convention vice president.

Republicans denied the charge, saying that since most commissions are considered part of the executive branch of government that was where they belong in the Constitution.

Police Ad Prof Publishes Article

Frank D. Day, MSU professor of police administration and co-author of the book "Introduction to Law Enforcement," has contributed an article to "The Book of the States 1962-1963."

Day's article, "State Law Enforcement," covers the history, organization and functions of state law enforcement agencies, particularly those of the attorneys general and state police agencies.

"The Book of the States" is a biennial work on state affairs published by the Council of State governments.

Crossword Puzzle

- ACROSS**
1. Fabulous bird
 4. Prepare
 6. Firmament
 11. Ohio college town
 12. Toward the south
 13. Air eye worm
 15. Seemingly contradiction
 16. General
 17. Broods of glaucous
 18. Black bird
 19. Thin wall
 21. Jacket
 23. College degree abbr
 25. Was violent
 27. Alone
 28. Female rabbit
 29. Tennis stroke
 30. Highway abbr
 32. Bird palm
 34. Promontory
 35. Handled
 37. Strongly-voiced
 38. Aperture
 39. French peasant
 41. Soothing treatment
 43. Desert train
 46. Leg
 47. Entrance
 48. Canadian high-altitude
 49. Problem of morning
 50. Lyrics
 51. Syncretized music

A	R	T	A	D	O	G	A	C	T
C	A	R	L	E	B	O	G	O	O
E	V	I	L	R	I	B	B	O	N
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U	T	I	L	I	T	Y	P	E	D
P	A	M	Z	E	E	O	L	E	G
A	R	K	E	N	D	H	Y	D	E

Solution of Yesterday's Puzzle

- DOWN**
1. The lead
 2. Huron town
 3. Bloodied
 4. Amer. instrument
 5. Moved upward
 6. Grow
 7. Canada state abbr
 8. Cabbage salad
 9. Hebrew measure
 10. Sweet potato
 11. Adjutant
 12. Puffin
 13. Sp. lady
 14. Thursday city
 15. Sprawl
 16. Chorus
 17. Plane
 18. Grammatical ball
 19. Trip down
 20. Hand over
 21. Physician abbr
 22. Cautious
 23. Musical instrument
 24. Chuck up
 25. Part of a woodcut
 26. Graduate
 27. Lumber to water
 28. Call at
 29. British
 30. Abolition of slavery
 31. Boundary
 32. Roman
 33. Old name
 34. Function

MICHIGAN STATE UNIVERSITY

STATE NEWS

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U.S. Students Called 'Silent'

FT. COLLINS, COLO.—America's college students haven't changed from a "silent" to an "angry" generation in the past decade, a leading Stanford University educator contends.

"There is no evidence of any widespread change in student attitudes and values since the '50s," Prof. Nevitt Stanford writes in a background paper for a student conference sponsored by the National Commission on Teacher Education and Professional Standards, meeting here this week.

The number of students taking part in sit-ins, peace vigils,

and other political demonstrations is very small, he notes. For the most part, students re-

U.T. Play

(Continued from page one)

Harbor senior; and Chris Smith, son of Mr. and Mrs. Robert L. Smith, will portray the little boy.

The travellers, peasants, and soldiers will be played by Robert L. Smith, Anthony Collins, Don Heady, Roger Long, Don Cain, Frank Rutledge, and Jack Herr.

"The Queen and The Rebels" will open Wednesday night at 8:30 in Demonstration Hall and run through Saturday.

Tickets for the play are available at the Summer Circle box office in front of Demonstration Hall from 2:00 to 6:00 p.m. every day except Sunday.

THE MORE YOU TELL—
THE QUICKER YOU SELL!
READ THE WANT-ADS!

main politically disinterested, apathetic, and conservative—just as they were found in the '50s by a Cornell research team.

Absorbing the culture created by their classmates is the major educational experience of most college students, Sanford maintains. He describes the prevailing values in these terms:

"Toward each other, students must be friendly, cooperative, pleasant; toward the faculty, polite, dutiful, impersonal.

"College work is to be taken seriously, but not too seriously. Frivolity is discouraged. Outstanding scholarly work is tolerated, but not applauded with enthusiasm. In short, here as in most other areas, the accent is on moderation and leveling.

"The future is seen in terms of optimism and, perhaps, over-realism. There is a vision of a stable but highly complex society in which one can make a happy -- that is to say, materially gratifying -- life by fit-

ting in. And the techniques for fitting in are precisely those being taught by the peer culture: be friendly, cooperative, agreeable, tolerant, optimistic, moral.

"Not all students, of course, accept the prevailing student culture, and others grow away from it in their senior year. But...at any given time a majority of the students are participating more or less fully in this culture."

"When a college student looks at the vast impersonal processes of our society and asks where he can fit in, he is not necessarily just being conformist. Perhaps he is just being realistic. Perhaps he sees that we live in a society that to an increasing extent organizes intelligence, rather than in one that intelligence organizes....

"We simply do not experience the mobility, the openendedness, the excitement of the war, the depression, the jazz age. Correspondingly, there is relative

quietude on the intellectual and ideological fronts....

"One does not hear much intellectual discussion on the campus for the simple reason that there is not very much to discuss. In our leading institutions, of course, there is no time for intellectual matters; the faculty and their recruits are taken up with their scientific and scholarly specialties.

"Times will undoubtedly change, and new ideas will appear, but for the time being we are in the cultural and intellectual doldrums. This (is) a major source of student lethargy. Not only are they not inspired by the intellectual climate in which their teachers willy-nilly participate -- they are put to sleep by it."

Sanford directs the Institute for the Study of Human Problems at Stanford. He edited a thousand-page study on "The American College," published earlier this year.



DISEASED TREE--Hit by Dutch Elm disease, the scourge of local trees, this campus giant was removed last week by ground crews. --State News Photo.

IM News

The deadline for entries in the student-faculty best-ball golf tournament is 5 p.m. Wednesday. The tournament will be held July 21. Entries are accepted at the Men's IM office.

Kellogg battles Cherry Lane at Field 2 and Invertibles goes against Izods, Field 4, in Open Softball league games 6 p.m. Tuesday.

Wednesday's games at 6 are V. Kings vs. Ag Econ, #2; STEP vs. Tonys' Boys, #3; Conglomerates vs. LAC, #4; and Biology Inst. vs. Rozos, #6.



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Salt Water Key In Shortage

By BOB ROSS
Of The State News Staff

"Water, water everywhere, nary a drop to drink," said the poet and today American scientists are engaging in one of the most intensive campaigns in history to prove him wrong.

From the ocean borders of San Diego to the Persian Gulf, men and machines are busily converting sea water to fresh water in an attempt to head off the most menacing, and least regarded, problem of the earth.

In the first article of this series the shortage of fresh water was pointed out. How the major methods of water conversion will be discussed. They are five in number.

These methods have a common object: the 35,000 parts per million of salt in ocean water. This figure must be reduced to under 1,000 parts per million before this water is fit for human consumption.

Four of these methods take water from salt; the last method takes salt from water.

Long tube vertical distillation, flash distillation, solar heat conversion and freezing are the titles of the first four methods.

The salt-from-water process is called electro dialysis.

Long-tube vertical distillation is a fancy title for simply boiling water, then letting the steam condense back into water. The idea is that the salt will remain in the bottom of the kettle.

This method is the most widely used and most important for large-scale water purification in use today on land and sea. The Navy uses it on surface ships and submarines.

When an LTV evaporator operates on saline water, the 'feed' is passed through vertical tubes 35 feet high where it is raised to boiling temperature. The heat comes from steam aimed at the outbreak of the tube.

The feed then proceeds to a device where the vapor is separated from the impure salt residue called brine. Condensation then takes place and the fresh water product is obtained.

The process must be repeated over and over again and this is where money rears its ugly head.

To be economically feasible, the steam heat must be reusable. Thus, scientists have devised the 'multi-stage' effect.

The incoming sea water is pre-heated by the outgoing steam. This way you don't have to use fresh steam for each batch of sea water.

Otherwise you get a pound of fresh water for each pound of steam used. Net profit: zero.

Flash distillation is the second method. This is the one that may keep San Diego on the face of the map should the courts decide that the Colorado river belongs to

Colorado and California must keep hands off.

At the San Diego operation, sea water at 65 degrees Fahrenheit enters the plant from an intake pipe laid in the ocean floor. Once in the plant the water flows through pipes heated by an oil-fired boiler.

vessels where it encounters sub-atmospheric pressures and lower temperatures. This causes the sea water to flash--or vaporize--and the resulting vapor steam falls on cool condenser tubes where it condenses into water that is nearly free of impurities.

The flashing operation is repeated through 36 successive stages.

The most renowned plant utilizing this process is on the Persian Gulf at Kuwait on the Arabian Peninsula. The Gulf is one of the world's saltiest bodies of water - containing 44,000 parts per million of salt or 25 per cent more than the Atlantic and Pacific oceans.

The total production in Kuwait is 4,700,000 gallons per day.

The oldest method of obtaining fresh from impure water is the one Caesar tried in 49 B. C. He utilized the heat from the sun to obtain fresh water for troops.

Daytona Beach, Fla., is a long way from Alexandria, Egypt, but the fundamental principle remains the same. In 1958 solar conversion in large quantities was under way.

A 'still' looking like a miniature greenhouse is built on level ground and covered with glass plates sloping at an angle of 15 degrees. There is a base or pit under the glass with a water level or seven to 12 inches above the bottom of the basin.

Thermal insulation is used on the walls of the pit to store up the sun's energy during the day and keep the water evaporating during the night.

Solar energy passes through the glass cover and is absorbed by the water in the basin thereby heating the water.

Water vapor from the warm water rises and condenses on the underside of the glass. This then runs down the glass and is collected in troughs which carry the water to one end of the still for storage.

There are three such stills at the Daytona site and they turn out 500 gallons of fresh water every day. This isn't much for a city but a farmer could get a lot of fresh water for his family with just one of these outfits.

An Army base could have enough of them spread around to relieve the nearby city of supplying the base with water.

The last water-from salt process is called simply 'freezing'.

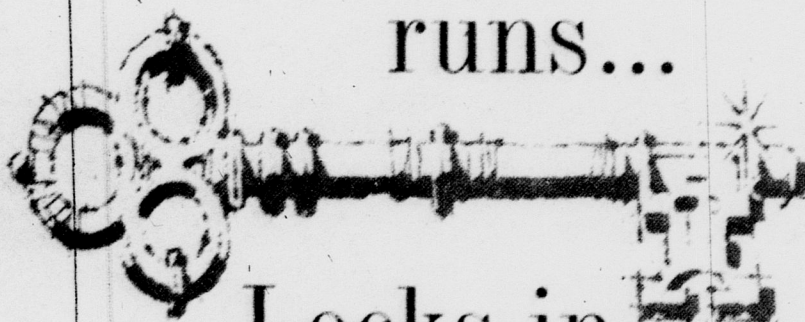
At Harbor Island, N.C., a plant operates on the principle that when ice forms in crystals, no

(Continued on page 5)



THIS YOUNGSTER ENJOYS THE WATER, and hardly gives a thought to its importance. Many of us are the same. But because such inland resources are either running out or hopelessly polluted, scientists are developing a new source of drinkable water, the sea. --State News Photo.

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Saline Process

(Continued from page 4)
salt liquid is enclosed but adheres to the outside of the crystal. This is easily rinsed off with some of the new fresh water.

The process goes like this: Liquid butane, a refrigerant, is poured into impure water which makes it freeze. The resulting salty ice blocks are then put through a washer which takes the impure water from the outside and expels it.

The pure ice is then melted by compressed refrigerant vapors which have been collected at the freezer. This refrigerant is insoluble in water and is recovered to be used over and over again.

Although one of the cheaper methods, freezing is obviously unsatisfactory for very large water needs, but, like the solar process, can be put to urgent, smaller requirements.

There is one more method to be considered. This is electro-dialysis and it is different from the rest in that it works in reverse: salt is taken from water.

There is another difference. To date, the process is not used on sea water but on brackish water.

Brackish water contains fewer impurities than sea water and is found inland in many rivers, lakes and streams, as well as bays. It does contain salt but far less than the 35,000 parts per million found in sea water.

Electrodialysis takes advan-

tage of the fact that the salts in salt water are present in the form of negatively and positively charged ions.

Salt is made up of sodium and chloride ions. By applying an electrical charge across a container of brackish water, the ions are caused to move in opposite directions.

The sodium ions move toward the negative pole and the chloride ions move toward the positive pole.

The process takes place in a large container which is divided up into three compartments of two membranes (or "seives") each. An electrical charge is laid across the membranes.

After the ions are separated, the membranes act as barriers to prevent fresh ions from moving into the compartment and keep the old ions out of the now fresh water.

Each container has 300 of these membranes and can produce large quantities of water by this use of electricity.

In Webster, S. D., a plant run by the government produces 250,000 gallons of fresh water per day using this method. The impurity content at the beginning of the process is 1800 parts per million.

At the finish this number is reduced to 300.

Part III of the series will concern itself with MSU's role in the problem of converting salt to fresh water.

Lucon Theatre Is Changed

The Lucon is gone. Not the building, just the name. On Wednesday, July 11, the neon sign LUCON came off the marquee of the theater building across Grand River Ave. from the MSU campus. In its place appears the new sign, CAMPUS.

The Lucon Theater, part of the Lucon Theater Co. chain of Detroit, was purchased on July 1 by the W. S. Butterfield Theaters Inc., also of Detroit.

Warren Wardwell, Lansing and East Lansing city manager for the Butterfield circuit, said the Campus Theater will join three other Butterfield movie houses in this area: the Michigan and Gladner in downtown Lansing, and the State in East Lansing.

Wardwell said that some re-decorating will be done in the two lobbies of the Campus but the interior of the theater will remain as is.

Lou Rosenfeld, manager of the Lucon since it opened in December of 1950, will remain in the same capacity at the Campus.

Rosenfeld said that first run motion pictures will be shown at the Campus on a comparable schedule with the Michigan and Gladner Theaters.

LOUIS XVI IS LOUISVILLE'S LOUIS

LOUISVILLE, Ky. (AP) — It was Gen. George Rogers Clark who named this city in honor of King Louis XVI of France.

Bids Out for Highway Section

The State Highway Department will begin accepting bids for the \$6.8 million Pinetree project which will link Lansing and East Lansing with Interstate-96.

This connector will be known as I-496, and is part of the 48 projects which the Highway Department is planning. The total cost of the projects will be approximately \$28 million.

The plans for the connector call for three bridges to form the interchange with I-96 about two miles southeast of Lansing.

The route will be a freeway from I-96 north to the Red Cedar river between Lansing and East Lansing.

This project is to be completed by Nov. 15, 1963.

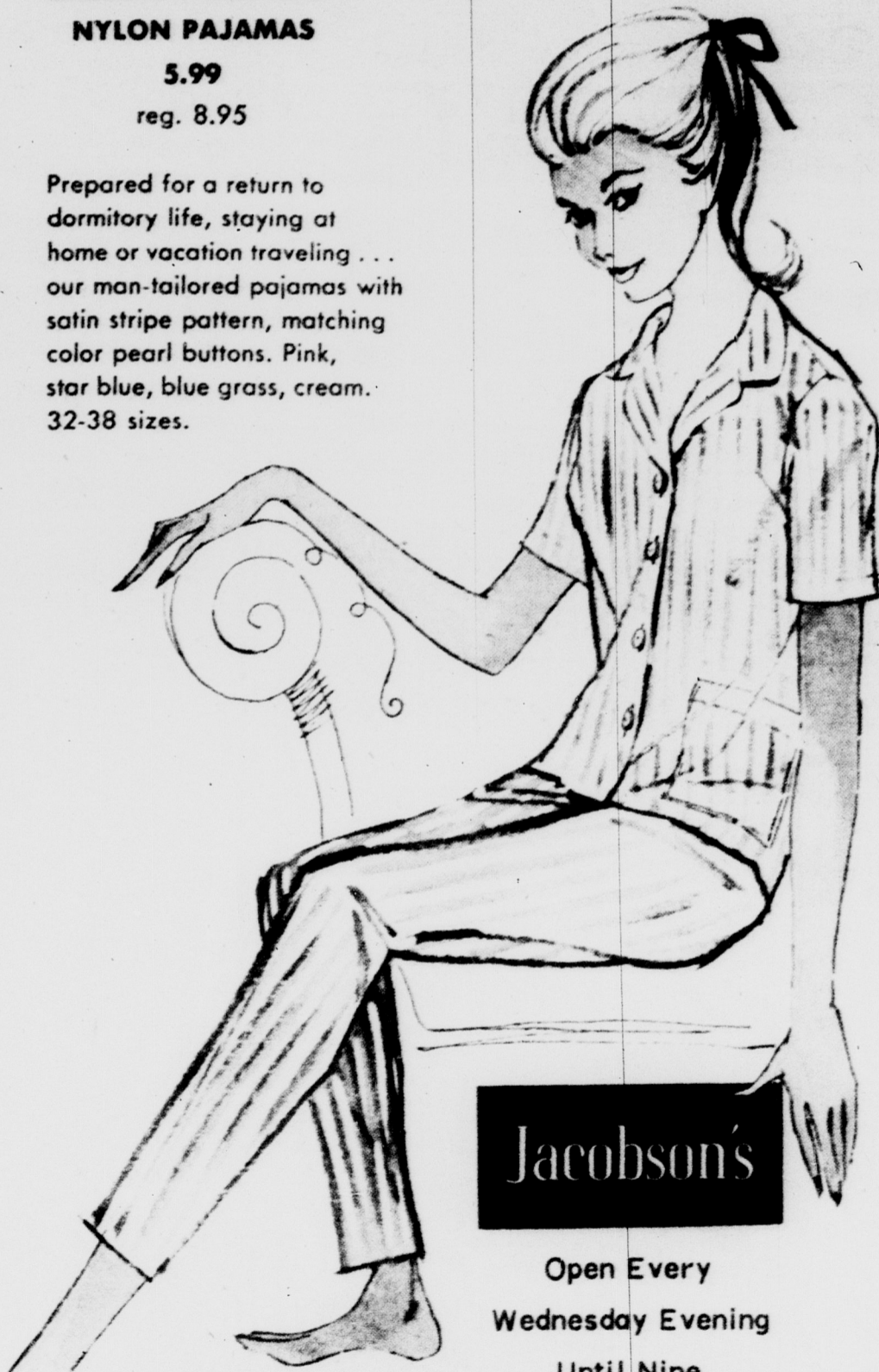
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Casual Dresses

Study Swahili, Ibo

Largest African Program

Thirty-eight students, the largest group ever assembled in this country for a regular university program in African languages, is undergoing intensive work this summer at Michigan State University.

Among the languages in the MSU program is Hausa, the first such course at an American university. Hausa is the language of some 6 million people in Northern Nigeria and a number of countries in West Africa.

The eight-week program continues through Aug. 15 and is being presented by MSU's African Language and Area Center and the U.S. Office of Education.

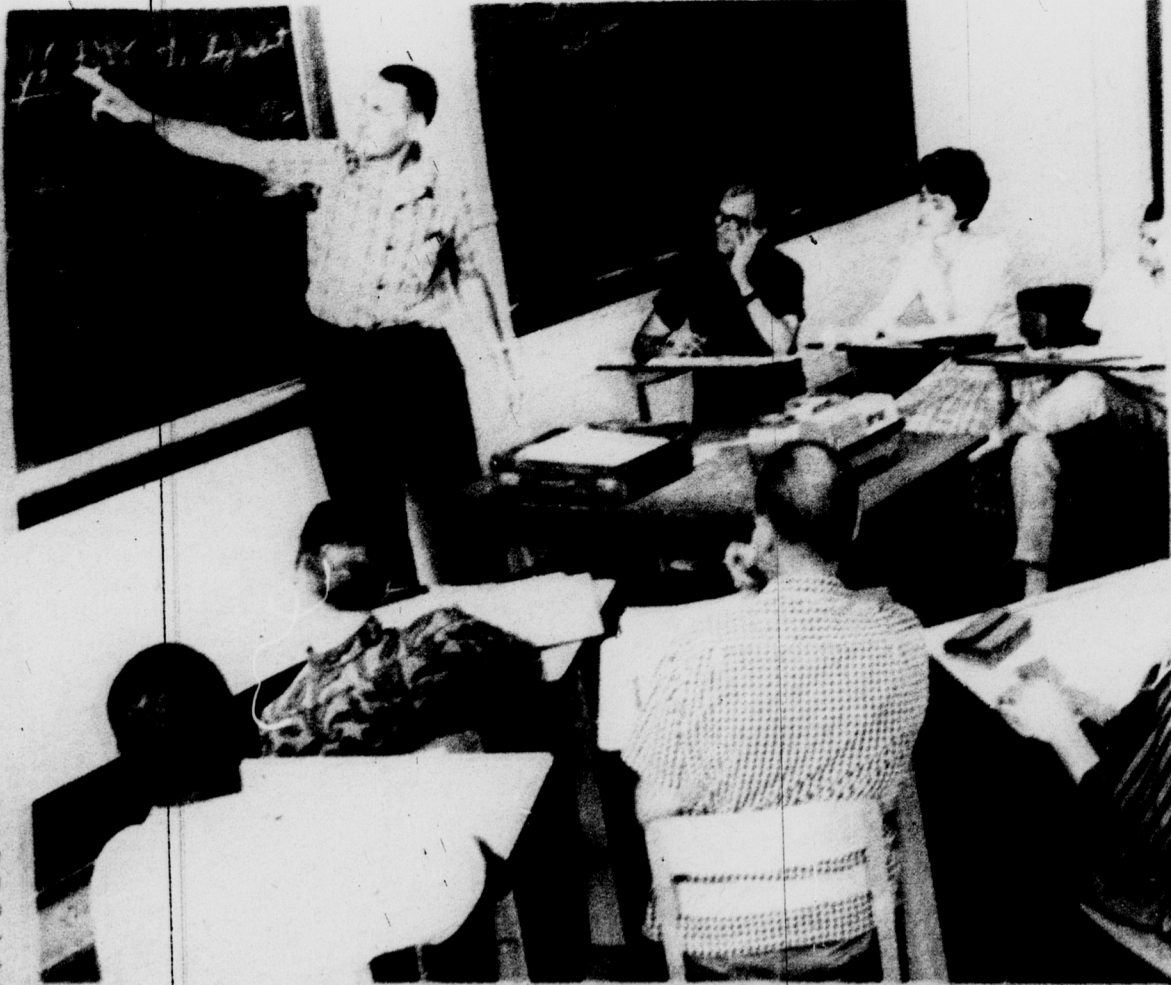
In addition to Hausa, the course offerings include:

Swahili, which is spoken in a variety of forms by eight million people in the Eastern and Central Regions of Africa; Yoruba, the language of some four million people, largely in the Western Region of Nigeria and some adjacent territories; Ibo, the language of about four million people in the Eastern Region of Nigeria.

William Weimers, academic director of the MSU program, estimates there are 1,000 languages in Sub-Sahara Africa but the present African language staff in this country can teach only about 10 different languages at one time.

"We should equip ourselves to teach at least 50," he said.

Five years ago Weimers was about the only African language instructor in the U.S.



HAUSA AT MSU--The most extensive African language program ever offered at an American university is underway here. The program includes courses in Hausa, the language of some 6 million people of Northern Nigeria and several other West African countries. Instructing at the board is Charles Kraft of the Hartford, Conn., Seminary Foundation.

--MSU Photo.

Plan Arab Conclave

The 11th annual Arab student's convention will be held Aug. 29 through Sept. 1 at the Union building, announced Isahag Y. Qutub, local convention manager.

The event is for all Arab students studying in American colleges and universities. Five hundred persons are expected to attend.

Qutub said the topic of discussion will be "Algerian Independence" as well as the cultural development of the Arab world.

Other events for the convention will include an opening and closing banquet, an Arab movie, an art exhibit and a picnic, Qutub said.

Africans in Uganda and Tanganyika make a tasty porridge out of boiled green bananas.

LAST 2 DAYS
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CAMPUS
Formerly LUCON
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Wednesday & Thursday.....\$1.50
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To Florida

Fred Rehman will become general manager of station WJFL-TV in Jacksonville, Fla. He was director and executive producer of station WMSB-TV, MSU's television station.

At 28, he will be the youngest station manager in the network of National Education Television. The new 75 station network is underwritten by the Ford Foundation.

Mr. Rehman has worked for WMSB for six years. He graduated and received his B.A. degree from Michigan State University.

Program Info. IV 2-2905

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MICHIGAN THEATRE

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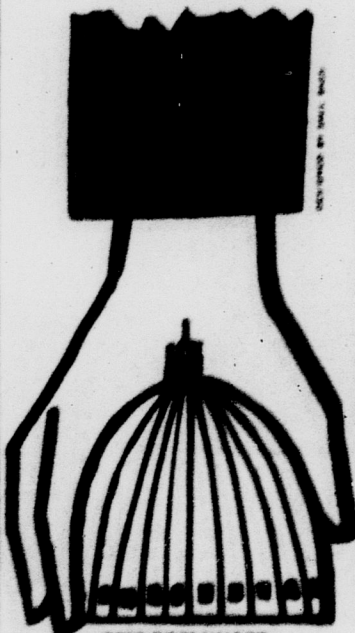
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WASHINGTON, D.C.

WHAT WAS OFF

THE RECORD-

IS ON THE SCREEN!



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LEW AYRES

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PAUL FORD

GEORGE GRIZZARD

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NEXT ATTRACTION

ROBERT SHIRLEY

PRESTON Jones

in Meredith Wilson's

'The MUSIC MAN'

'Distance Dies' Says Engineer

A giant space ship carrying generations of humans for hundreds of light years across space is but one of many fantastic possibilities of the "Space Age," contends an MSU space expert.

"Nothing is impossible," declares Maria Krzywoblocki, who was writing serious mathematical articles about space travel 30 years ago.

"There is no question that we shall do fantastic things providing we do not destroy ourselves as other great civilizations have done in their naive ways," he says.

Men, he thinks, may colonize other planets or become roamers, occasionally returning to Earth with valuable materials such as uranium.

The MSU mathematician and professor of mechanical engineering pointed out that Mars, Venus and the other planets of Earth's solar system are not likely to be habitable and that man will seek other solar systems.

Other solar systems -- there probably are others, many scientists think -- are far away. It could take hundreds of years for a space ship traveling at nearly the speed of light to find one with a habitable planet.

Such fabulous distances can be overcome, just as other "impossibilities" have been overcome in recent years, Krzywoblocki maintains.

True to science fiction, he points out, the persons who someday land on a distant planet may be grandchildren of the men and women who start the long trip.

Their ship would have a closed ecological system. All wastes would be regenerated, providing continuous and complete recycling of food, water and air.

"Among the many things needed," the MSU researcher noted, "would be complete educational facilities."

Another possibility, he continued, would be to put everyone on the ship into a sort of state of hibernation. This also has been done in science fiction.

Drugs, he believes, could be developed to slow the metabolism of crew and passengers. Thus, they would sleep for many years without aging appreciably. Meanwhile the ship would speed on under automatic control or, perhaps, one group would "sleep" while another operated the ship.

Info Service Gets Awards

The MSU Department of Information Services was awarded two citations in honors competition of the American College Public Relations Association at its annual conference held last week at White Sulphur Springs, West Virginia.

The citations were accepted by W. Lowell Treaster, director of information services, and A. Westley Rowland, University editor.

Both awards were for publications projects, one involving design and production of the University general catalog, and the other total University publications editorial program.

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MSU Grad Gets New IBM Position

A graduate of the University's electrical engineering department has been promoted to director of manufacturing operations at IBM World Trade Corporation, a subsidiary of IBM, the company has announced.

R. B. Morris, Jr., joined the

firm in 1952 and has served as manager of the IBM plant in Burlington, Vermont. In 1959 he attended the Massachusetts Institute of Technology under a Sloan fellowship in executive development.

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THE Merry Widow

A Metro Goldwyn Mayer PICTURE

with EDWARD EVERETT HORTON • GEORGE HARRIER • LINA MERKEL • MINNA GOMBELL

FRIDAY "THE NIGHT" Cia Notto

Study Probes Wives Income

EDITOR'S NOTE--Here is the first of two stories coming from Michigan State University research on the job expenditures of working wives.

Nearly half of an employed mother's income may be gobbled up by job-necessitated expenditures.

Jean Schlater and Mrs. Barbara Ferrar of the Department of Home Management and Child Development have just completed a study of the expenditures of 50 employed wives of MSU students.

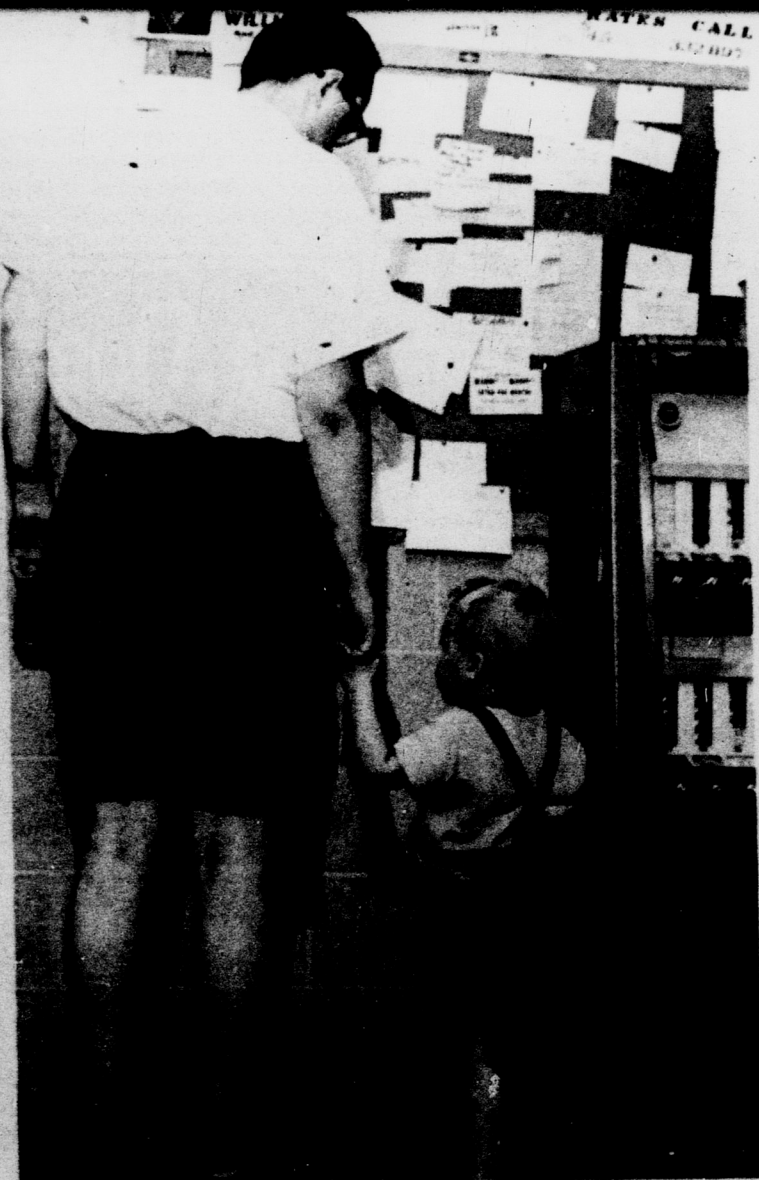
They found that an average of 45 per cent of a wife's earnings covered job-necessitated expenses--those costs a wife has to pay just because she is employed. That left only 55 per cent available for the family budget.

Only women who had children under the age of five were interviewed so that child care costs would be considered.

The researchers had the wives account for all expenses they had to pay "because of the job." These included income tax, social security, other occupational expenses (compulsory insurance and retirement), food, clothing, transportation, child care, other paid help (such as laundry services or clothing alterations), professional beauty care, personal grooming supplies and miscellaneous expenses (such as time and labor-saving appliances).

Average age of the women interviewed was 24 years. The average work week was 37.7 hours, and the average annual income was \$3,476.95. They averaged 12.5 years of formal education. Thirty per cent were college graduates and 38 per cent were holding professional or managerial positions.

They suggest that research of this kind might answer such questions as: Is the woman who works half time financially wiser than the one who works full time? How is the remaining 55 per cent of income used by the family? How do the job-necessitated expenses compare with the expenses of the non-employed wife who gets involved in community services? What might be the best use of a wife's time--paid employment or community service?



LOOKING FOR A BABY SITTER--Dad takes time out from his work and studies to look for a baby sitter on the bulletin board in the village laundries, so that mom can get out and work. Forty-five per cent of what mom earns will go to pay that baby-sitter, and for other expenses incurred while working.

--State News Photo.

Ag Teachers Convene Here

Michigan's teachers of vocational agriculture will hold their 43rd annual conference here July 23 to July 27, the Michigan Education association has announced. Topic for the Kellogg Center conference will be "Vocational Agriculture Education---Builder of Men."

Major discussions will center around problems in educational

methods, applied science, farm labor and agricultural-community relations.

Walter L. Bomeli, president of the group, will preside at the conference.

Charles H. Hilt of the Pet Milk company will be one of the speakers to address the group.

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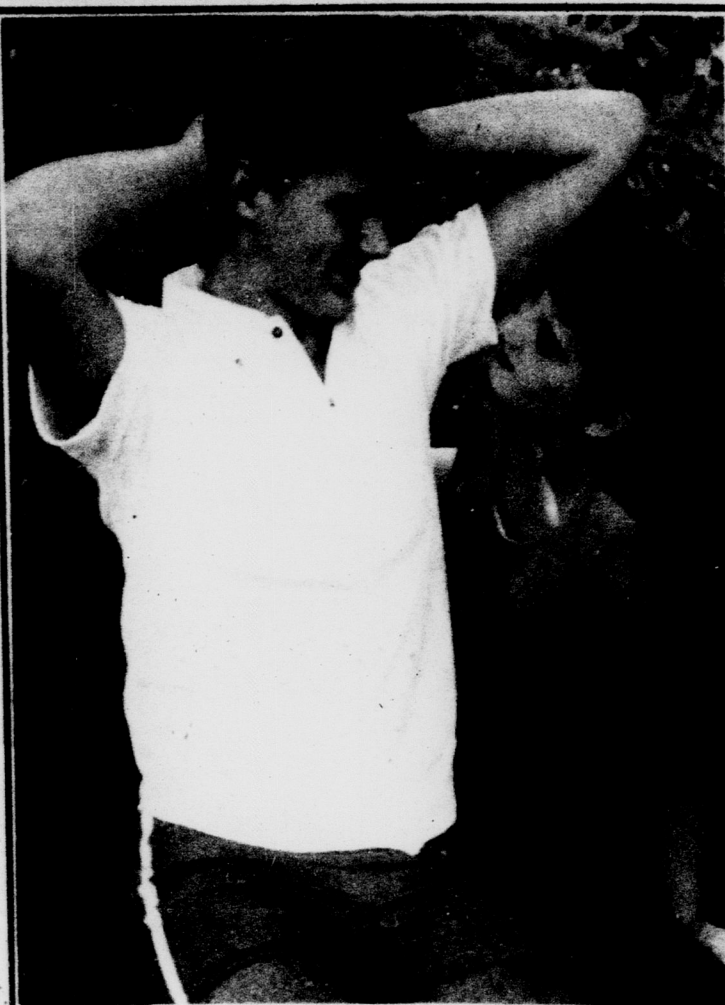
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Engineered for lasting efficiency. . .

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swimming with a Todd's Skin Tight swim suit. For a change in your summer swim style this four-way stretch bathing suit is the thing for you. There are many styles to choose from, and for those cool beach days there is a shirt to go with the suit.

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Northland Center
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Swim Suit
and each at \$3.98
Sport Shirt

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Placement Sets Record

"Placement Bureau activity was extremely high during the 1961-62 school year in all three areas of graduating student placement, student employment, and alumni placement," Jack Kinney, placement director, said.

The Placement Bureau was visited by more employers who set up more interviews during the 1961-62 year than ever before. There was also an increase in the number of job listings from prospective employers over last year.

Engineering and science graduates were in high demand as many companies fell far too short of their quotas as June approached.

The average starting salaries rose for graduates sharply in all fields with business and liberal arts majors showing the biggest percentage increase over last year. But the technical areas continued to lead the way in actual starting rates.

Graduates with a military com-

mitment after graduation had a difficult time finding career employment unless they were in a "critical skills" area and could be deferred.

There was an increased em-

Bentley Speaks At Breakfast

Alvin Bentley, Republican candidate for Congress at-large will address the Midway Optimist club July 19.

Bentley, will speak at the Howard Johnson restaurant, to outline the Republican platform for the November election.

Harold A. Shnider, East Lansing optometrist, is program chairman.

Canada's answer to Disneyland is "Santa's Village" near Bracebridge, Ont., where youngsters can ride "Kris Kringle's River Boat" and watch elves and gnomes at work in "Santa's Toy Shops."

phasis during the school year on advanced degree candidates on the part of both industry and education.

Summer employment programs were also greatly increased by industrial organizations for the recruiting top flight college trained personal in the future.

A total of 2,119 alumni of MSU registered with the bureau during the 1961-62 year. Of that number 883 alumni obtained new or better positions through direct assistance of the placement service.

A substantial increase in the number of part time jobs listed by employers both on and off the campus, and an increase in the number of jobs filled by State students was noticed during the 1961-62 year. There was also an increase in the number of summer employment opportunities available to the students.

During the year 1,613 employers visited the bureau and they held 13,058 interviews.

Physics Prof Talks In France

Frank J. Blatt, MSU professor of physics will give an invited paper at a conference in France this week summarizing the work he and other researchers have been doing in the area of "Transport Properties in Dilute Alloys."

The paper is being given before the Conference on the Structure of Metallic Solid Solutions, which will be held at Orsay under

sponsorship of the University of Paris. Blatt also plans to attend the International Conference on the Physics of Semiconductors to be held at the University of Exeter, England, July 16-20. His travel is made possible by research grants from the National Science Foundation and the Air Force.

Ionia Fair

Presents Stars

IONIA -- Les Paul and Mary Ford, well known recording stars, have been signed for a three-day appearance at the Ionia Free Fair, Allan M. Williams, fair manager, announced.

The man and wife team will add the services of their son, Gene, when they appear for the first three days of the grandstand show which opens Monday, August 6, he said.

The Paul-Ford-Paul trio will join other such notables of the entertainment world as Minnie Pearl, Warren Covington and his orchestra, clown Carl Marx, and the world's only high-diving mules for the 47th annual Free Fair, Williams said.

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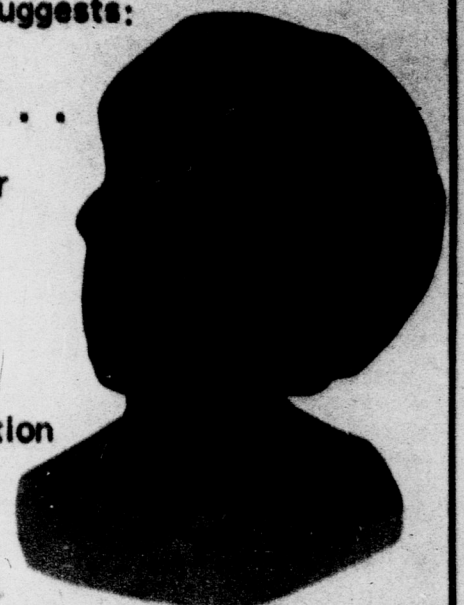
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There will be a 25¢ service and bookkeeping charge if this ad is not paid within one week.

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English Ford, Anglia 1959. Good condition. All leather upholstery. White sidewalls. Price \$450. Call 355-7911. 9

1956 Plymouth V-8 Automatic. Good condition. Leaving state must sell. Only \$195. 355-6006 after 6 p.m. 9

VW-1958. Sunroof, excellent condition, call Jack TU 2-2136 or 355-1795. 8

Plymouth 1958 2-door 6. Good tires. New seat-covers, no rust. Motor overhauled. Sacrifice \$395. Call 339-2564. 8

1960 Impala Convertible - Red - stick shift, V-8. Contact Sharon ED 2-3151, Evenings, or ED 7-1587. 9

1928 Model "A" Ford multiple disk clutch and transmission, "A" Carbs., complete brakes. Manifold heaters for old Chev's., Plymouths, Fords. SELL or TRADE. IV 5-7668.

1958 English Ford Stationwagon--Red! good gas mileage--\$325.

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REPRESENT the World's Largest Cosmetic Company. AVON guaranteed products. For appointment in your home, please call or write: Mrs. Alana Huck-ins, 5664 School St., Haslett, Michigan. IV 2-6893. C8

Full-time woman grocery cashier. Must be neat and pleasant. Call in person. Prince Brothers' Market. 10

Full or part-time. Male or female to call on restaurants in Lansing and East Lansing area. Should have transportation. Commission only. Average \$50 per week. Call IV 5-5910 after 6 p.m. Monday through Friday; between 8:30 a.m. and 7 p.m. Saturday and Sunday. 10

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Coeds - 3 room furnished apartments. Cooking, private bath, parking, all utilities paid, private entrance. Campus - Kalamazoo bus on corner. Call 355-8255 before 4 and IV 2-5769 after 5 p.m. t.f.

East Lansing, Girl wanted to share nicely furnished apartment. \$7 per week. Call ED 2-5977. 12

OKEMOS: Well furnished, unsupervised apartment for 3-4 male students. Private entrance, parking. Phone ED 7-1561. 10

3 1/2 rooms furnished, sublet August and September. Across from Union. 33 2-0274, afternoons and evenings. 9

2-bedroom furnished apartment for 4 students on S. Cedar. \$120 per month, including utilities. Call IV 4-7796. 10

HOUSES

SMALL HOUSE, Furnished. Ideal for couple or single person. \$100 monthly. Call ED 2-2048. t.f.

Furnished 2 story 4 bedroom house, sunporch, garage. Near shopping, park, and river. 30 minutes from campus. Phone-Eaton Rapids 5732. 9

7 room furnished house. Men or women students for summer and fall. Call ED 2-3792. 11

Furnished House from Aug. 15 or Sept. 1 thru June '63. 2 bedrooms, recreation room, screen porch, dishwasher, freezer, etc. Ideal for faculty couple. Call 355-7725 or ED 2-8498. 8

Attractive, furnished house near Frandor. 2-3 bedrooms. Accommodates 4 at \$35 each. Call 355-1245. 10

Furnished house for rent July 26-August 26. 4 students, \$8 per week. Utilities included. ED 2-6466. 10

ROOMS

For Girls, double & single room available now or for Fall. Close to campus. ED 2-5621. 9

Zeta Tau Alpha Sorority has a few vacancies available second 5-weeks. Call Mrs. Grill. ED 2-5318. 10

Single rooms for men. Summer quarter. \$40. 2 blocks from Union. Parking. Call ED 2-3634, 428 Evergreen. 10

One Man. Front Room. Semi-private bath and entrance. Cross ventilation. Parking. ED 2-5374. 8

Summer or fall. Quiet room in area of beautiful homes for student or professional man. Call ED 2-1176. 10

WOMEN. Last 5 weeks of summer school. Double room with twin beds. Approved. Close-in. ED 2-2155. 12

SINGLE & DOUBLE rooms, also apartments for summer & fall. Curry's Campus Court, Okemos. Call 332-2517. 8

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Portable "Brother" Sewing Machine. New, pale blue. Phone IV 5-6128. 9

1950 Cushman Motor-scooter. Good Condition. \$70. Golf clubs--2 woods, 5 irons. \$15. ED 2-4538. after 6 p.m. 10

Automobile 1924 Model T Ford Coupe. New top, tires, upholstery, and paint. After 4:30--4247 Watson, Holt, Mich. 9

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VACUUM CLEANERS. \$5 and up. Repair all makes. CAPITAL VACUUM CLEANER REPAIR, IV 9-2636. 8

28 foot Elcar 1951 House Trailer. Good condition--ideal for students. Mobile Manor Homes--2756 E. Grand River--lot B-9. See Monday-Thursday 4:30 p.m. to 7 p.m. \$775.00. 10

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Fiat 1959--Blue Spider Roadster. Like new. 34 m/p/gallons. Make an offer. 355-4105. 11

Van Dyke 1959 10' x 40' 2 bedroom trailer \$2300. Phone ED 2-6170. 9

Furnishing an apartment? Used furniture at good prices. We buy and sell. WILLIAM'S FURNITURE, IV 4-9244. 8

Fresh vine-ripened tomatoes daily. Farm fresh eggs. Also will have red raspberries, sweet cherries. Other fruits and vegetables at reasonable prices. Roadside Farm Market. 2 miles east of E. Lansing on US 16 at Okemos Road. 11

★ Lost & Found

LOST: Typewritten manuscript on subject of money. Vicinity of MAC & Ann July 5. A.G. Etter. 355-7498, ED 2-8214 or 103 Conservation Bldg. \$5 reward. 10

★ PEANUTS PERSONALS

Gail
If you don't do my typing, you won't get the charm. Arty

Unengaged,
How about a ride in the Alfa? The guy with the personality from Main Street.

Dear Little one,
Thanks for the goodies. Week-day fill-in club.

★ Personal

Kitten: To give away. Inquire at 404 W. Michigan, Apt. 1w. Across from Williams Dorm. 9

Cool knights insure their cars with Bubolz--332-8671--220 Albert at M.A.C.--upstairs. C8

VACATIONERS!

Take along a first aid kit. Your money back if not used.

Marek Rexall
Prescription Center
310 N. Clippert (by Frandor) C

★ Personal

See the new toys. Attend at least one TOPS IN TOYS party this year. IV 5-7824. C8

★ Real Estate

1951 4-bedroom, dining room, new Kitchen, recreation room, study, fenced yard. Near M.S.U. ED 2-6268. 11

Indian Hills--3 bedroom Cape Cod, 1 1/2 baths, large shady lot. Close to schools. ED 2-0267. 11

East Lansing, Large 6-year old house, 3-bedrooms, big study, recreation room, 2-full baths, screened porch, complete kitchen equipment built in, redwood paneled living room and dining room, 2-Fireplaces, wooded lot, near campus. \$24,900. ED 2-1785. 10

Glencarin. 3 bedroom home, patio opening out on large wooded lot. Modern kitchen, 1 1/2 baths, fireplace. Owner leaving state. 324 Wildwood. \$23,500. ED 2-3175. 8

20 room duplex used as one unit. Near Michigan and Pennsylvania Avenues. Phone IV 5-6128, Mrs. Sargeant. 9

Swampy land 1100-foot frontage on Lake Drive, Lake Lansing. \$6,000. Easy terms. Call IV 5-6128. Jo Anna Sargeant, Broker. 9

Fine for Student Center. Spacious brick tri-level on the Red Cedar. Phone IV 5-6128. Jo Anna Sargeant, Broker. 9

Okemos, brick ranch containing rental apartment. Quiet subdivision. Convenient to University. Ideal for family wishing added income. Phone ED 7-7676. t.f.

For Sale 1957 3-bedroom ranch. Near MSU. Large living room with dining L, built-in-kitchen, 4 piece bath, basement, large lot. Call ED 2-4158. 8

FOR SALE: Cottage. Cinder block, Harrison, Furnished. Sleeps 6, electricity, inside well, steel windows, yearly taxes \$7, Muskegon River, splendid Deer hunting, not crowded. Leaving State. Make offer. 485-6069 Dr. Hart. 8

EAST LANSING -- Contemporary ranch, 3 bedroom, 1 1/2 baths, standing fireplace, patio, FHA. Commitment. Should see to appreciate. 1140 Rowena Road. 8

★ Service

Experienced Mother desires day care of Baby 1 year and under in licensed home. Call IV 4-0356. 10

Math made easy. Experienced tutoring in Freshman math courses. Call 355-6296. 9

Application and Passport pictures now being taken at HICKS STUDIO, while you wait or one day service. ED 2-6169 for appointment. C

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111 E. WASHENAW
IV 2-0864 C

ADDITIONAL WANT ADS!

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ALTERATIONS. Hemming & re-styling: formals, trousers, skirts, etc. NEEDLE'N THREAD Shop. 108 Division, behind Cam-pus Drug Store. ED 2-5584. C

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★ Transportation

WANTED Riding partner to Pris-co or L.A. Leave July 26. Phone 332-0951 Walter, if out leave message. Can be cancelled. 8

Driving Air Conditioned Car Tex-as via New Orleans 25 July. Ride all or part. Call Bright 355-5168. 9

★ Wanted

Senior desires single apt. with bath and kitchen near campus for 1962-63 school year. Write Steven Cole, 1024 Blanchard St., W., Grand Rapids. 8

Wanted Ride, from corner of U.S. 27 & Alward Lake Road to Campus. Hours 8 until 5. 355-8332, EXT. 95. 9

Wanted to buy or rent Mail's English Bicycle. Call 355-5883. 9

Mature student looking for a small house (furnished) near campus. References on request. Call 355-8255 or write to Box 341 Student Services Bldg. Att: Fred. U

SABBATICAL? Mature Couple le without children seeks house-sitting opportunity, '62-'63 school year. Husband is minister, MSU instructor. Wife is teacher. References. Phone 355-1777, 1-4 P.M. 8

Part-time Job—Electronic and model maker. Experienced. Call 355-1081 after 5:30 p.m. 12

Grad. student desires to share house or apartment with fellow grad. student. 355-4299 after 6 or Box 772 Green Hall. 12

THE MORE YOU TELL—
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READ THE WANT ADS!

Michigan's Highways Lead Nation

For several years, Michigan has been the leading state in the nation in building its share of the Interstate highway system.

As the No. 1 roadbuilding state Michigan is following a tradition that goes back more than a century.

The state was one of the first to experiment with plank roads.

In the 1840's, Michigan had 121 companies chartered for the purpose of building toll roads out of wood.

For the time, these roads were actually well designed and earned the name "pleasure roads" from travelers accustomed to mud ruts or unfinished cobbles.

The railroads brought an end to the plank road boom and many companies never built the roads their charters called for.

In contrast with the scandal-free record of roadbuilding Michigan has chalked up in recent years, not all was what it seemed in those early days.

Workmen digging a sewer excavation near here recently uncovered a 100-year-old high-way scandal.

The workers came across old logs, six feet below the present surface, and reported the find-ing to the Michigan Historical Commission.

The commission had no trouble determining that the logs were part of a plank road between Lansing and Howell, 35 miles away.


Records show the road was built in 1853.

The historians also had little trouble determining that the con-tractor on this early highway cheated on specifications.

When the legislature chartered the company it was understood that oak logs would be used to fill soft spots in the road be-cause of their weight and dura-bility.

The logs uncovered by the workmen were of cheaper, soft-er pine.

Two African languages, Temainlan and Tels-um-Danah, have vocabularies of only 20 words.



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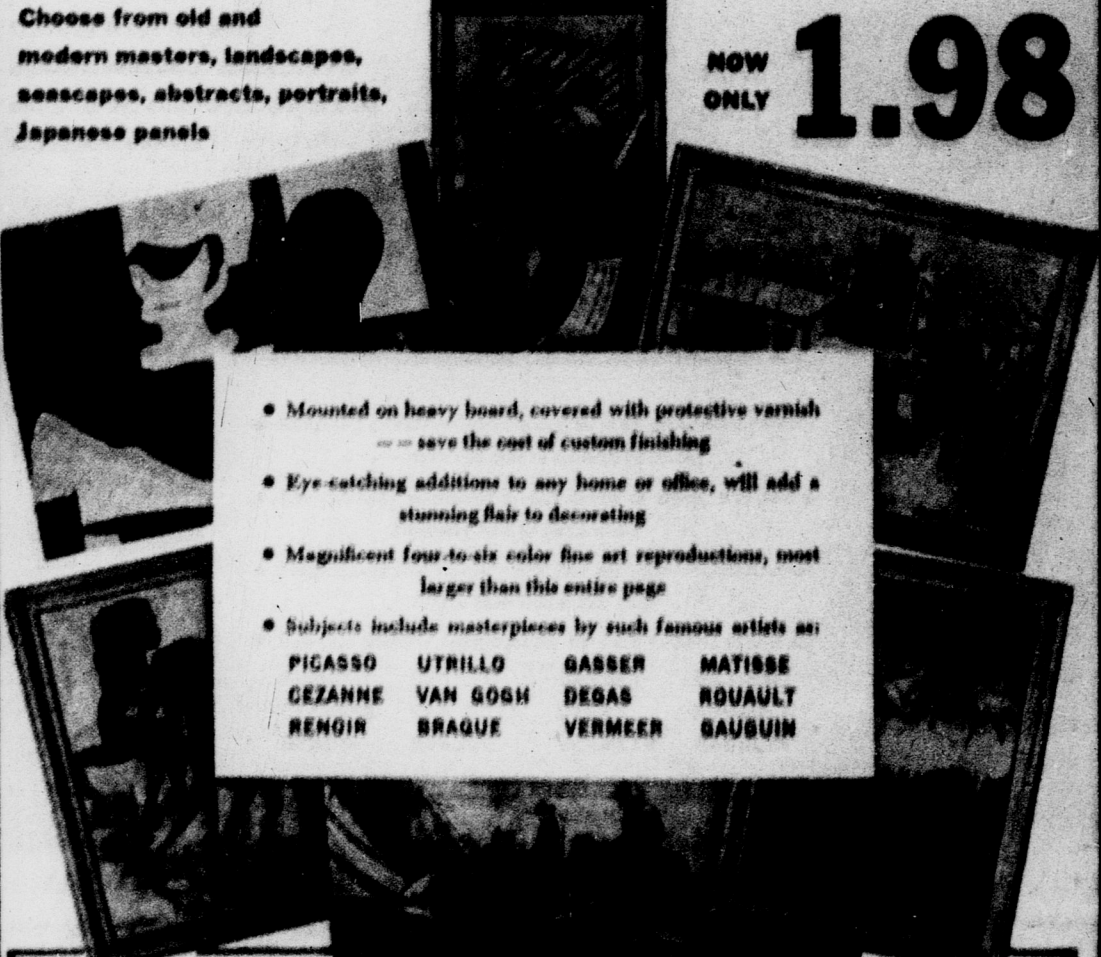
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People Favor Bomb Shelter

By SAM MARTINO

A national opinion poll of 2,000 persons on civil defense shows that 51 per cent believe fallout shelters will protect them from nuclear attack.

Developed by Michigan State University under a defense department contract and carried out by national pollster Elmor Roper, the poll's results were publicized at the annual governors' conference in Hershey, Penn.

David Berlo, chairman of MSU's Communications Arts Department, recently analyzed the survey, Berlo heads the U.S. defense department project of assessing public opinion relating to civil defense.

Nearly 77 per cent favored a fallout shelter program by the federal government to aid schools, colleges, and hospitals in providing shelter areas.

Berlo said that 33 per cent of professional and white collar workers favored shelters as a means of protection. Only 10 per cent of farmers polled revealed similar views.

"People who favor shelters know quite a bit about them," added Berlo.

In regard to the possibility of a nuclear attack, 15 per cent of those classified in upper income levels said that the United States

would be a target within the next 10 to 20 years. This percentage climbed to 36 per cent in the lower income group.

Berlo noted that more people in the south central United States fear nuclear attack than in the North.

The poll also showed that more Negroes are prone to believe in the likelihood of nuclear attack than members of other races.

New England's traditional skepticism is borne out by the survey, as fewer new Englanders fear imminent nuclear attack than people of any other area.

Novelist Will Lecture Tonight

Shirley Jackson, the American novelist, will read her short story "The Lottery" and discuss its genesis and reception at the Physics - Math building conference room Tuesday at 8 p.m.

Miss Jackson's latest novel "We Have Always Lived In The Castle" will appear in September. She is also the authoress of six other novels including "Life Among The Savages."

Her husband Stanley E. Hyman teaches literature at Bennington college.

Candidate Has Job Offer

Paul P. Chien, Republican candidate for state senator, tentatively accepted a teaching job at Wisconsin State College and Institute of Technology.

Chien is a candidate in the Aug. 7 primary from Ingham-Livingston counties.

"If the people in the district should nominate me for the office, I would feel that service in the legislature would be more

important than the teaching job in Wisconsin," Chien said.

The candidate is in a four-way race for the nomination with incumbent Paul C. Younger of Lansing, Theodore W. Swift of East Lansing and Lawrence V. Munroe of Fenton.

Chien is an exonerated suspect in the Mason bank fraud of one year ago.

CD Post to Prof

Governor John Swainson has appointed a professor of government and business administration to the state civil defense advisory council.

The executive office announced that Leon H. Weaver will serve for a term 'expiring at the pleasure of the government.' The appointment requires senate confirmation.

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