# MICHIGAN STATE UNIVERSITY

Vol. 53. No. 217

# STATE NEWS

East Lansing, Michigan

July 10, 1962

Frice 10¢

# Prepare Strings Concert

By SUSAN JACOBY Of The State News Staff

A musical blend of string instruments brews steadily in Williams Hall as the Congress of Strings rehearses for its second concert in Fairchild Theatre 8 p.m. Thursday.

John Barnett, director of the National Orchestral Association, New York City, is conducting the group of 100 young musicians. Barnett has conducted symphonic orchestras in New York, Brooklyn, Phoenix, San Diego, San Francisco and University of Stanford. He has also headed the Los Angeles and Japanese-American philharmonic orches-

The noted conductor said that the Congress of Strings is a concentrated effort by the American Federation of Musicians to develop string players for symphony orchestras.

"Very few young people have studied string instruments since World War II." he said.

Barnett rated 80 per cent of the Congress musicians as "very proficient" in their instruments. He noted that 60 per cent are approaching professionalism.

"Congress of Strings concerts," he said, "offer area music lovers an unparalleled opportunity to hear some of the finest non-professional musici- day in their canoe on their 600ans in the country."

Discussing classical vs. popu-(Continued on page 6)

# 4 Colleges **Hike Tuition**

While Michigan State students and their parents sit waiting for the inevitable tuition hike, tuition increases were announced for four other Michigan schools last Sable river to Mio.

MSU Trustees are expected to announce the hikes at their meeting next Monday.

The most recent increases problem during their trip. were for Central Michigan, Eastern Michigan and Western Michigan universities and Northern Michigan College. The state residents to \$500.

Previous hikes approved were for the University of Michigan, Wayne State and Michigan Col- 4-H Club Week lege of Mining and Technology by their governing boards.

Gov. John Swainson and Lynn M. Barlett, superintendent of public instruction, blamed inade- here Monday at Shaw Hall. quate, appropriations for the fee

"By failing to make adequate, appropriations, the legislature is pricing many competent, fully capable and well qualified Michigan youth out of the college mar-Bartlett said. ket,

Swainson called the hikes "regrettable.'



ON THE WAY UP--Francis Quilian, graduate of the Michigan School for the Blind, right, plans to become a radio salesman. Taking part in the current Communications Art Institute, Quilian is studying advanced work in radio-television.

# Canoeing Couple Meet Big Obstacles

to enter the Manistee River tomile canoe trip to the Great Lakes Forestry Exposition in Mio. They expect to reach their destination within three days.

Bob and Carol Manthy left Lansing Tuesday and reached Grand Rapids Saturday.

A three-horse power motor will be attached to the canoe to aid the couple in paddling against the tough Manistee current. Upon reaching Grayling, they will journey down the Au

Manthy, a 6-2, 170 pound graduate in forest economics, and his 5-2, 100 pound wife have found large dams a troublesome

The two have been paddling from '8 to 10 hours a day.'

The couple faced another problem in the form of helpful boatboard of education said the four ers. "We had to dodge giant schools were given a \$35 hike boat waves along most of the in resident tuition to \$250 and way. And most of these were \$55 increase for out-of-state caused by boaters who saw us -and tried to help by slowing down. This caused even bigger

# Held at Shaw

Michigan 4-H club week began

A four point program is being followed by the 1,000 top members from throughout the lower peninsula. Volunter adult directors accompanied the group.

International affairs, Americanism, career opportunities and dating will be the programs of study. The 4-H groups will meet twice daily in the auditorium.

A venturesom MSU couple hope waves and I thought we would capsize," recalled Manthy.

The Manthys spent several hours Saturday with Homer L. Rapids. Burch, who is writing a book about the Grand River, runnerup. questioned the couple about their experiences.

The couple will spend the three days of the Forestry Exposition symphony orchestra. Sheearned in Mio Sportsman's Park. They will then return to East Lansing, where Manthy will resume work

# Lure of Money Calls Graduates

Teacher Supply Shorter In Science Fields

lust how bad is the teacher shortage at Michigan State?

TV, and impersonal education the fates awaiting the present and 1958 to 60 per cent. next generation of college students in Michigan?

the Graduate School, has an in- their respective fields. teresting booklet that sheds light It is perhaps unforted on these questions.

ministration of Graduate Studies ophers; biologists than artists. at MSU," the booklet shows that past decade than in all of the cent went into industry. Reason? years up to that time.

Now - where do these Ph.D.'s go? How do they make their living?

## Miss Michigan To Study Here

Michigan State's roster of beauty queens will be lengthened next year when Carole Jean Van Valin, Miss Michigan 1962. enters the University.

Representing Roscommon, the 18 year old blonde topped a field of 34 contestants. She was night by Karen Jean Southway, last year's Miss Michigas

Miss Van Valin plans to major in elementary education.

Jean Ann Heyer, 22-year-old Burch of 5905 Coit Ave., Grand MSU senior representing Montcalm County, was selected first

Miss Heyer, whose is a soloist with the MSU Thursday night.

the finalists

Around 1900, 70 to 80 per cent went into college and univer-Are huge classes, instructional sities. But by 1930 this figure had shrunk to 65 per cent and

These figures become more impressive when the doctoral Allan Tucker, assistant dean of recipients are broken down into

It is perhaps unfortunate, but nevertheless true, that physicists Called "The System of Ad- are more in demand than philos-

Of all the men and women who more doctorates were granted receive the Ph. D. in the physithroughout the U.S. during the cal sciences during 1958, 47 per

Just plain ole money, and lots

Forty-one per cent remained to teach and do research in the schools and the remaining 12 per cent departed to government jobs and other activities.

Now take a look at the humanities. The picture changes. Eighty-two per cent of all peo-

(Continued on page 12)

# Commuters To Pay Fare Hike

Bus riders from the campus crowned at Muskegon Friday to Lansing and downtown points must pay 25 cent fares, a five cent increase which took effect Monday, said Suburban Lines manager John A. Cole.

Fares for on-campus runs between Spartan Village and University Village will remain at 10 cents, Cole said.

Spartan Village busses to residence is West Yakely hall, downtown Lansing started running through campus Monday and will do so every half hour beginfirst place in the talent division ning at 6:30 a.m., he said. The Spartan Village run goes to Kala-MSU senior Susan Jean Scott, mazoo street and University Vilon his doctoral thesis in forest Miss Lansing, placed 9th among lage on both the downtown and re-



SUNBAKED, BUT EAGER -- Robert Monthy, MSU student, and his blue-eyed school teacher wife, Carol, arrived in Grand Rapids Saturday, completing the first leg of their 600mile trip from Lansing through Western Mich-

Portaging around the rapids in the Grand River, the hardy couple continued down river to Lake Michigan.

-Photo by Grand Rapids Press.

# Student Fines Should Rise

Students are violating campus parking regulations more and more. In May of this year 1,131 tickets were issued to students -- 224 more than in May, 1961.

Most of the citations are for illegal parking in faculty lots or on north campus at hours when student vehctles are not allowed.

For these offenses students are fined \$2. The same amount is charged if a person repeats a second, third or even fourth time.

Apparently the \$2 fine has not been expensive enough to deter most students from violating the rules. Larger fines might be an answer to the problem of keeping the parking spaces reserved for faculty and staff clear. A larger fine might cause a person to think twice before he attempts to park in an illegal area in hopes of not getting a ticket.

Michigan State parking problems have been increasing proportionately with the growth of the school. That is why something must be done. And that is why we have decided to sup- Temple Drake, Popeye, Joe port the proposal to increase the amount of the fines with each parking offense.

The faculty-student committee on motor vehicle regulations has sent to Pres. Hannah a proposal requesting that second time offenders be fined \$4, third offenders \$6 and all the way up to \$25 for the sixth parking offense and thereafter.

Most intelligent students would be willing to pay 10 cents in student reserved lots on south campus or 25 cents in East Lansing parking lots rather than risk picking up a \$6, \$8, \$10 or even \$25 fine, which would be a big dent in any one's pocket or budget.

Dick Bermitt, director of campus police, has pleaded for stiffer fines.

"We need some deterrent to prevent the high number of violations," he said.

The committee has come up with a strong deterrent. We hope the university finds a method to use it. Indications are that machinery is not set up for the plan. Even if it takes a year to establish proper machinery, we urge the university to take time to set it up.

And if it does take a year to institute the plan, we also recommend that the alternative proposal of \$4 fines for each violation be put in operation in the meantime. Rerhaps \$4 might prove to be the deterrent police are looking for, We don't think so. The threat of a \$25 fine appears to be the only real deterrent.

STATE ALL-AMERICAN ACPA Rating

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# This Man Faulkner

By BOB ROSS Of The State News Staff

On July 2, 1961 Ernest Hemingway died. On July 6, 1962 America was shocked to learn of the death of William Faulkner; a death within weeks of the publication of what may well be one of his best novels: The Reivers.

To say that this country is now lacking in masters of the art of fiction would be an understatement; we are famished.

That both of these men were winners of the Nobel prize for literature, Hemingway in 1954 and Faulkner in 1949, is indicative that what Americans have to say matters to the entire world.

They followed in, and overtook the footsteps of Sinclair Lewis and Pearl Buck.

It is only the great writer of whom William Shakespeare is the greatest, that can take a local situation and transform it into a matter of universal impor-

William Faulkner created Yoknapatawpha county. Into this 'Waste Land' of desolation he put some of the most memorable characters of literature.

To think that Quentin Compson, Christmas, Bayard Sartoris and Flem Snopes are characters of the present and particular is like considering Hamlet an individual Danish prince. These people of Faulkner's are 'man' not 'men.'

One of the most reknown critics of the present day, J. B. Priestly, has said of Faulkner:

"He has genius because he is able, as few writers are, to force the barrier between consciousness and the unconsci consciousness and the unconscious, and so release into his narrated dream, the contents of the unconscious."

Faulkner's novels are primarily psychological. They probe the inner workings of the human mind, albeit many times, the sick mind.

If his characters seemed for-

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WILLIAM FAULKNER . . Noted Writer Dies. . .

eign and violent to the Northern and Western reader, it is because we are accustomed to the 'lonely crowd' where the caldron of human passion is kept under

Faulkner's novels are so powerful and confused because in them the outer and inner worlds are tightly mixed.

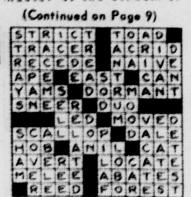
The sage of Yoknapatawhpa county has been considered an agrarian naturalist in the manner of Erskine Caldwell but this is to limit a master to the company of sensationalists.

Faulkner is more profound, more meaningful, and more artistically competent than any of the American natralists.

The problems encountered in his writing, especially in "The Bear" and "Absalom, Absalom!" are well-nigh metaphysical.

Yes, there is also violence in his work: Faulkner's violence is both twisted and melancholy; but his mood is reminiscent of Poe or Baudelaire. This is violence with meaning.

As for style, Faulkner has proved that Joyce is not the only master of the stream-of-



Solution of Vesterday's Puzzle PAR TIME 30 MIN

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# Focus On District Change

Editors note -- No part of Michigan's proposed new constitution attracted as much attention as that given the section on reapportionment of the State Legislature. In this, the third of a nine part series, two veteran AP newsmen -- Gene Schroeder and A.F. (Pete) Mahan -discuss the reapportionment which they call the key issue .

LANSING (A) - If any one issue holds the key to whether the proposed new constitution will stand or fall before the voters it probably is legislative apportionment.

While the subject may not have been the most important one faced by the constitutional convention's 144 delegates, it certainly was and still is - the most politically explosive.

Republicans are high in their praise of the provisions under which the State Senate and House will be appointed in the future if the Constitution is adopted. Democrates attack the plan bitterly, contending it merely perpetuates GOP control of the senate and fails to put even the House on a straight population basis,

Michigan State University president John A. Hannah, R-East Lansing, who served as chairman of the committee which tackled the problem, said he will give the new constitution his fullfledged support.

From the opening day of the convention, the apportionment issue was cited repeatedly as the one factor which affected decisions on other matters in the constitution, ranging from Senate confirmation of executive appointments to legislative powers over local government.

In the closing days of the convention's deliberations, a decision by the United States Supreme Court also affected delegate thinking.

The High Court vacated a State Supreme Court decision throwing out a suit by August Scholle, Michigan AFL - Clo president, seeking to force redistricting of the state senate

The state tribunal was ordered to reconsider the case because it was wrong in saying Scholle's action dealt with a political question outside the court's jurisdiction.

Scholle announced weeks ago that he would campaign against the new constitution if the Republican majority pushed through its apportionment plan.

The U.S. Supreme Court action

(Continued on page 4)

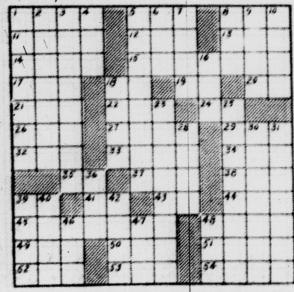
## BAPTIST STUDENT **FELLOWSHIP**

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# Last of the Big Milk Drinkers

birth rate rises, but per-capita 1959 the average American was are spending summer quarter at milk consumption declines and is drinking only 38 gallons of milk the Detroit Merrill-Palmer Inexpected to do so.

According to Robert O. Herrmann the proportion of the poplittle more than 6 per cent since 1946. He estimated that without would have been 8 gallons per person lower in 1959 than it actually was.

A recent study conducted by Michigan State University agricultural economists proved that the rising postwar incomes have had some favorable effect on milk drinking.

The all time high for milk consumption, 42.5 gallons per

# Doctors Look-At Food Crop

"Doctors" who specialize in disease of man's food crops will check Michigan "patients" and examine current research at a conference of the American Phytopathological Society this week at Kellogg Center.

About 100 plant pathologists from schools and agricultural chemical industries in the 13 states of the north central division are expected to partici-

Axel L. Anderson of the sponsoring MSU Department of Botany and Plant Pathology, president of the north central division, points out that each year plant blights, viruses, fungus, rust and other plant afflictions cost farmers many millions of dollars.

As one example of the pathologists' work, he cites the development at MSU of diseaseresistant bean, which is estimated to have saved Michigan bean farmers about \$5 million since its introduction in 1959.

Lloyd M. Turk, director of the MSU Agriculture Experiment Station, will speak on "A-Look Ahead in Agricultural Research" at a banquet in Kellogg Center.

## Voice Recital

Mary Ruth Crown, soprano from McPherson, Kansas, will present a graduate voice recital tonight at 8:15 p.m. in the MSU Music Auditorium.

Another graduate recital will be given by pianist Marion Gordon of Potsdam, New York, Sunday at 4 p.m.

## Placement Bureau

General Motors Corporation will be interviewing, July 11, all majors, from all colleges of engineering. Many openings exist in departments with Chevrolet Engineering - Automotive Testing; Frigidaire; Delco-Morraine; Delco-Products; Guide Lamp Division of GM, in Michigan, Ohio and Indiana.

Interviewing on July 13 -Lehigh Portland Cement Co. -Colleges of Business & Public Service, Science & Arts and Communication Arts.

Interviewing on July 17 - Lily-Tulip Cup Corporation - College of Business & Public Service, Science & Arts and Communication Arts.

Interviewing on July 18 - Detroit Public Schools -All candidates interested in teaching in the Detroit Public Schools.

var incomes soar; the person, was reached in 1945. In Sherwood, and Frederick Okatcha per year -- a 15 per cent de- stitute. crease since the war.

"The proportion of the popuulation under age 20, the big lation under 20 is expected to of human growth and developmilk drinkers, has increased by increase very little between now ment, family life, and community and 1970," says Herrmann. "Without the offsetting effects of this increase milk consumption this group, the U.S. may ex- ciology and related fields spend perience more serious drops in a quarter or semester studing at

## The Merrill-Palmer Institute sponsors comprehensive studies organization.

4 Students

At Institute

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## Lab Safety Seminar Slated for Wednesday

A Lab Safety Tack Porce semi-inar will be held Wednesday in which we hope to prevent in the the Aducation Building from 10 furture." MSU students Jane Ferbes, to 11:45 a.m. Mrs. Estelle Walz, Mrs. Harnet

ject, said that its purpose is graduate students, faculty and "to acquaint deans, department staff members Sept. 21-22, heads and lab directors with the problems involved in lab safety

THE MORE YOU TELLmeasures."

"We have had several bad acci-

Another seminar dealing with Duane Ullery, head of the pro- the same subject is planned for

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(Continued from page 2)

brought about one quick change in the new document.

Senate could be undertaken immediately if the state court upholds Scholle's contention that the present Senate's "frozen" districts are unconstitutional.

Under the orginal plan, an mission would not reapportion the Senate until the 1970 census fi-10 years thereafter.

then proposed plans would be submitted to the State Supreme this matter.

their displeasure over the con- ted they favor sticking to counvention's system for establishing ty lines in drawing up districts, new Senate districts. It is based on a formula giving 80 per cent weight to population and 20 per possible. cent weight to area.

Out numbered better than twoto-one in the Senate now, Democrates argue that the GOP-sponsored plan would merely perpetuate "legislation without fair representation" for some high population areas such as Detroit.

The major reason for the calling of the convention was general public dissatisfaction with the present method of legislative apportionment," the Democrats said.

"The proposed document perpetuates legislation without fair representation, because the apportionment problem has not been solved,

"Senate districts which would not be reapportioned until after 1970 could vary in population by more than four to one, the largest being approximately 365, 860 and the smallest being 86,430, based on population projections for 1970."

To overcome some of the objections, the convention approved for immediate effect -- a plan whereby the Senate would be expanded from its present 34 to 38. with the four additional seats going to Wayne, Genesse, Macomb and Oakland Counties.

The 80-20 formula would give each county a factor computed by multiplying by four its percentage of the state's population. Added to this would be the county's per-

centage of the state's total area. "The bias against the metropolitan voter is made the basis of a monstrous formula equating people with square miles . . (it is) an expression of contempt for people to equate them with dirt."

But with one eye on the Supreme Court, GOP delegates defend the Senate plan as based on principle.

"The important consideration is that an impartial, unbiased, objective formula has been established for the determination of Senate seats - instead of an arbitrary judgment lacking in supporting principle."

For the House, the convention decided to continue the present 110 seats, with only a county or group of counties having .7 of one per cent of the state's pop-

### Seaman Elected

William Seaman, professor in foreign languages, was re-elected director of the Service Bureau for Classical Teachers of the American Classical League at at Miami University, Oxford, Ohio.

Save regularly when you shop the Want-Ads daily.

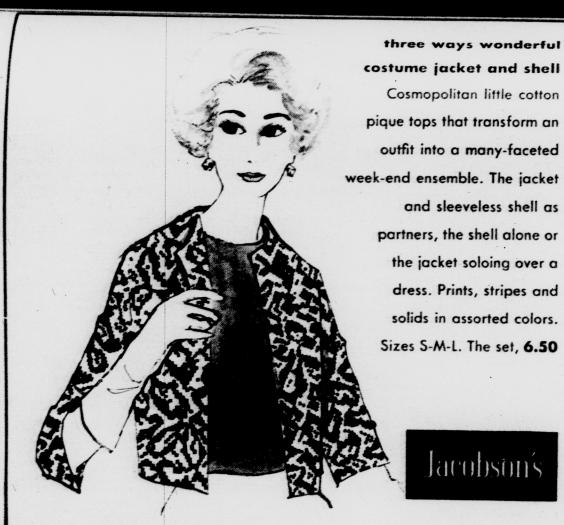
After the representative areas were allocated their seats, the apportionment proposals of the remaining lawmakers would be elected on the basis of pop-Delegates adopted a provision ulation - following the "equal under which redistricting of the proportions" formula used in the U.S. Congress.

Although the provision eliminates the present .5 per cent "moiety" figure, Democrates say nevertheless that the .7 per cent factor is a modified moiety eight-member bi-partisan com- favoring farm areas at the expense of the cities.

Senate until the 1970 census fi-gures became available and every merely cut from 10 to five seats "bias favoring rural Republi-If the commission cannot agree cans" whereas there should not be even one seat allocated in

GOP spokesmen counter that Democrates are vehement in since both parties have indicathe proposed plan is about as close to population equality as

> Another major change in the legislative branch article would establish a legislative auditor general, to be appointed by the lawmakers for an eight - year term. This provision would eliminate the present elective audi-



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Reg. 5.00 to 10.98 cottons, decron-cottons, and terries. 3.00 to 7.00

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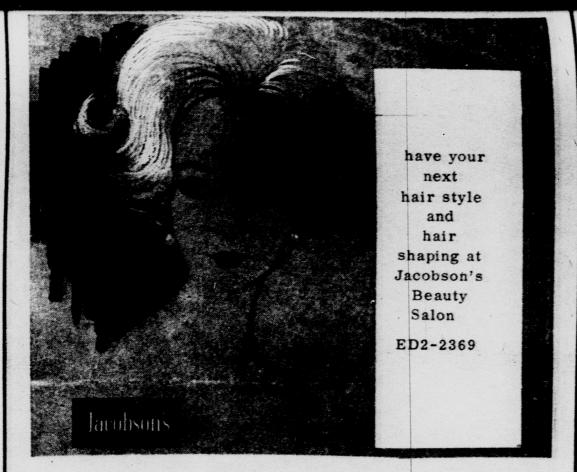
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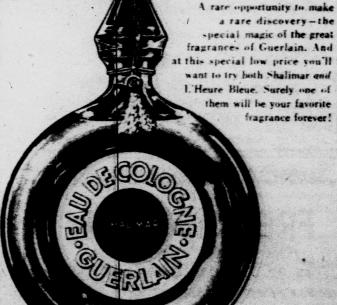
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Lt. Harcek Named Wyomina Chief

Police last week when the city of Wyoming announced his appointment as police chief of that Western Michigan city.

Harcek, 30, who was in charge of records and investigation with the university police force, will take language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language examinations at any assume the \$8,000-a-year post time during the summer term example. Language example and the summer term example and the summer term example and the summer term example. Language example and the summer term example and the

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administration Harcek lives in Williamston

## Language Exams

Doctor degree candidates may

After joining the MSU force in Test arrangements may be July of 1956, Harcek was ap- made with Arthur Sirianni at

# Coral Gables'

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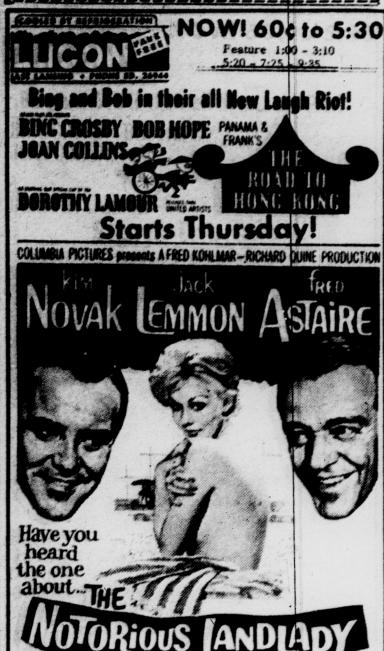
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GOOD UNTIL JULY 15th





LADY BASS PLAYER-Attending the Congress of Strings currently being held here, Nancy Myssen, York, Pa., has been playing the string bass for six years. The next concert will be Thursday at 8 p.m. in Fairchild Auditorium. -- State News Photo.

# 'You Never Can Tell,' **Next Circle Play**

One of George Bernard Shaw's the family tree. Continuing Edurare light works, "You Never cation artist Don Caillez fills Can Tell," will be presented the part of the erstwhile Casaby the MSU Summer Circle nova. Wednesday through Saturday in Demonstration Hall.

The comedy explores the inevitable confusion when a husband and father returns home after 18 years. The tumultuous situation is abetted by a scrambled romance within the Clandon family.

The cast of "You Never Can Tell" is headed by Helen Shaw of WMSB, who plays the female head of the Clandon family. The wayward husband and father is impersonated by Carroll Hawkins, MSU associate professor.

WMSB director Dick Reynolds and MSU coeds Mary Ellen Fin-

Completing the cast are Marcia Maters, Dick Murray, Charles Cioffi and Gordon Lawrence.

" 'You Never Can Tell' is one of the funniest plays ever written by Shaw or anybody," says American satirist S. N. Behrman.

The impudent comedy will be presented each evening at 8:30 p.m. Tickets may be obtained at Demonstration Hall between 2 and 6 p.m., Monday through

I sold it for only a few pennies a day through the Campus Want-Ags.



DISNEY'S - "BON VOYAGE"

## Strings

lar music, Barnett criticized the idea that one can only appreciate a single kind of music.

"It is certainly possible -- and most desirable--to enjoy all types," he said.

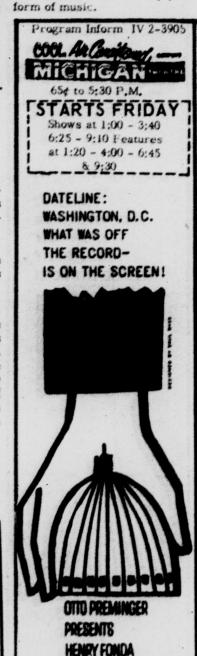
"There is an increasing trend among college students to buy good records for their collections. This is partly due to fine modern equipment, which can nearly duplicate the sound of a concert hall."

Several Congress students expressed an interest in varied types of music. Bruce Allard, 16-year old Minneapolis violinist, also plays trumpet in a jazz band, the Dixieland Ramblers.

"I like both jazz and classics," he said. "Each has its own place."

Nancy Mussen, 20, of York, Pennsylvania, has played bass six years. She professed great interest in progressive jazz as well as classics.

One student even mentioned rock-and-roll as an enjoyable form of music.



HENRY FONDA CHARLES LAUGHTON **DON MURRAY** WALTER PIDGEON PETER LAWFORD GENETIERNEY FRANCHOT TONE LEW AYRES BURGESS MEREDITH **EDDIE HODGES** PAUL FORD **GEORGE GRIZZARD** INGA SWENSON

# Mantovani Starts

State University Lecture-Con- in Verdi's "Rigoletto" (Nov. 19); cert and World Travel series Leontyne Price, soprano, (Feb. were announced by Dr. Wilson 7) and on Feb. 13 the Iglesias B. Paul, series director.

Mantovani and his orchestra ied program of Spanish dances. open the season with a Series Series A attractions are: "As den (March II), is a 50-year cert Series, said Dr. Paul.

University Theatre



## "You Never Can Tell" OPENS WEDNESDAY

AT THE ARENA THEATRE IN DEMONSTRATION HALL

## July 11 - 14

**ADMISSION** Wednesday & Thursday\$1.50 Friday & Saturday

Box Office Hours 2-6 P.M., Monday-Saturday Phone 355-0148

CURTAIN - 8:30

NEXTWEEK The Queen And The Rebels



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## THURSDAY ONLY!

M-G-M Presents

The Great Musical ----

The Great Operetta Becomes An Even Greater Screen Muscial --- In Cinemascope And Color!





Spanish Ballet, an unusually var- the Seattle World's Fair.

We Like It," Shakespeare per- review of ballet, modern and ballformed by Maurice Evans and room dancing. This program, an are: New York City Opera com-Helen Hayes (Nov. 6); Leningrad outgrowth of the 1961 Boston Art pany in Mozart's "The Mar-Philharmonic orchestra (Nov. 11); Festival, is also the golden an-riage of Figaro" (Nov. 20); niversary of Miss St. Denis's

> March 31 with a performance by land (April 2). the Detroit Symphony orchestra, Thomas Schippers conducting.

David Oistrakh, violinist (Nov.

sent the first example of Chinese eign Policy."

of over 50 children was specially trained, under the sponsorship of the Chinese government for

This program is entirely dif-"American Dances," starring ferent from anything previously A concert on Oct. 15. Other Ruth St. Denis and Melissa Hay- presented by the Lecture-Con-

> Other Series B presentations Jerome Hines, bass (Jan. 13 or 20); Rudolf Serkin, pianist (Feb. Series A will be concluded on 18) and Poznan Choir, from Po-

Two lectures have been definitely scheduled. Pulitzer Prize Series B opens Oct. 30 with winner Harrison Salisbury, of "Sound of Music" followed by The New York Times, will speak Jan. 22 on "The Coming Conflict between Russia and China." Nor-On Nov. 14, the "Foo Hsing man Cousins will speak April Theatre," from Taiwan, will pre- 29 on "Education and Our For-

# Discount House Climb Assured

count houses are as assured of said. growth today as the railroads

by the late Gottlieb Duttweiler, time. founder of Switzerland's first chain of supermarkets.

"Discount houses have introduced the significance of space Barnet. "It is a concept appropriate to the space age."

The main element of novelty in the discount house is that the attention of management is fixed on the net return on capital invested, he said.

Traditional thinking, by mass distributors such as the food chains, has focused on gross margin as a percentage of volume, said Barnet, Unbelievably, there has been almost no discussion of net profit or of capital.

Under the pressure to cut costs fixed and variable costs to attain crease in retail sales.

ZURICH, Switzerland-"Dis- return on capital, Dr. Barnet

It is not enough for the diswere in the 1860s," says Edward count house manager to know M. Barnet, MSU professor of his profit on each item after marketing, who was one of the variable costs. He must include featured speakers Monday at the fixed costs for each item. He 11th International Conference of must also know how many of the Green Meadows Foundation, each item he sells in a given held near Zurich, Switzerland, period of time so that he can The foundation was established determine profit in relation to

Labor costs and fixed costs can then be divided by the same factor and by the area or volume of the store's selling space so and time to merchandising," said that the manager knows for example, how much each square foot of space costs for each week, said Barnet.

> Assigning these fixed costs to each product, on the basis of the store space occupied by the product, makes it possible to compute the space that might reasonably be assigned to a given item, he said.

Since the depression (1) the population has increased, (2) the distribution of income is more net earnings as a return on nearly equal, expanding the middle income group and (3) the income per person has more and increase profits there must than tripled. These three factors be a conscious consideration of have produced a tremendous in-



World Fravel Series pro- Inside Fraveage" (Jan. 8); grains, each featuring a film and Willis flutler, "Hawati" (Jan. a lecturer, are; Nicol Smith, 19); Karl Robinson, "South Gea" "Imperial Rome" (Oct. 6); John Isles" (Jan. 26); Clifford Kamen, Goddard, "From Andes to Ama- "Tangier to Istanbul" (Feb. 2);

''kentucky'' (Oct. 20); Stan Midg-Balkan World'' (Feb. 16); Alfred ley, "Adventure in the North-West" (Nov. 10); Curtis Nagel, ial Isles'' (Mar. 2); Ed Lark, "Portrait of Brazil'' (Nov. 17); "Sweden Year 'Round'' (Mar. 16); John D. Craig, "Islands in the Kenneth Richter, "Germany in Sun" (Nov. 24); Thayer Soule, the Sixties" (April 13) and J. "Byways in Britain" (Dec. 8); Gerald Hooper, "Yougoslavia, Don Cooper, "Aleutians and the Gem of the Balkans" (April 20).





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HIT NO (2) AT 10:20



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STARTS FRIDAY Edgar Allen Pae's Journen SHTOT SEVENTH tansia.

DODIE STEVENS JONATHAN WINTERS "Toles of Terror"

Clean Water Problems Mount

# ou Help Create Pollution

By BOB ROSS Of The State News Staff First of 2 Part Series

Do you use a dishwasher, a rashing machine; a garbage dissal, or a swimming pool?

Do you work for a company that manufactures a proc uiring the eventual disposal rgents, insecticides, or chemicals?

If the answer to any one of hese questions is "yes" then you are helping to create a tional menace: the shortage

Don't think this is a problem for the future. The government's estimate of 1980 as the time when supply and demand would break even has been shortened to 1970

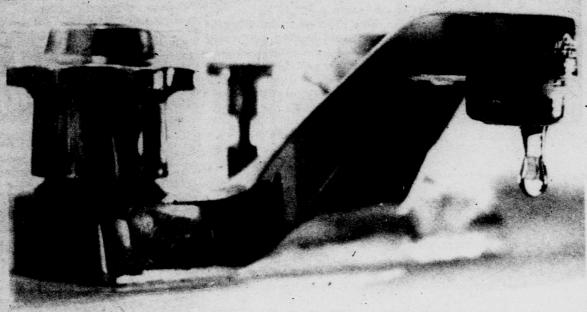
A staff report of the House of Representatives Committee on Science and Astronautics has released data showing that the total dependable supply of water in 1960 was 315 billion gallons daily. The daily water used in 1960 was 323 billion gallons.

The government estimates that the dependable supply of natural fresh water which the United States can expect to capture and use by 1980 is about 515 billion gallone a day.

This figure may seem impressive but three factors have darkened the picture.

First, the population explosion is no joke even though some would like to minimize the problem.

Next is the increasing size



THIS DROP OF WATER will add to the world's water pollution problems. With impure water becoming a menace even with the wonder-age anti-pollution devices, pollution experts, economists and city-fathers across the nation are battling a serious problem. -- State News Photo.

of the nation's cities. Los Angeles, Chicago, Oklahoma City and others anticipate heavy drains on their water supplies in the

Industries have always been a problem. Today the concern is' not only their heavy use, which is 40 per cent of all the water consumed in the country, but also their pollution of surrounding rivers and streams.

near future.

The Potomac river not only

has the distinction of running the city will have to provide through the nation's capital but it is also widely known by area residents as providing one of 50,360. the foulest stenches in the nation.

The federal government has stepped into rectify this situation. Industries along the banks of the Potomac have had to look elsewhere for dumping grounds for refuse.

Take a look now at the problem from a local level. EastLansing provides a picture of what lies ahead for the nation's cities.

A report for 1962 by Hubbell, Roth and Clark, Inc., consulting engineers from Birmingham, shows that for the year preceding, there were 30,198 residents in the city limits. Of these, 14,480 people were served by the city's eight water wells.

Michigan · State provides its own water. By 1982 the firm predicts that

Brown ingham Counsel

Thomas Lec Brown, 1957 Michigan State graduate, was appointed assistant prosecuting attorney for Ingham County, which includes the University, Prosecuting Attorney Leo A. Farhat said

After graduating from Michigan State, Brown went on to I attend the University of Detroit | Law School. He was admitted ! to practice in January this year. |

water for 37,150 residents. Ultimately this figure will rise to

In the past year, the consumption rate was 100 gallons per person per day. The study shows that when the gallons per person per day reaches 250, the city will have to curtail usage.

East Lansing can consider itself fortunate though. Over 1,000 of the nations's municipalities faced a water shortage in 1957.

Fifteen out of every 100 cities were forced to cut supply. Dallas, Tex., had to sell its water for as much as fifty cents a gallon.

If it's any comfort, the water problem is not new. In 49 B.C. Julius Caesar found his troops very dry during the seige of Alexandria. He produced some fresh water by using primitive

solar evaporators to separate salt from sea water.

But technology stood there for nearly 2,000 years.

Apparently, the only solution to the nation's, and indeed the world's, need is convert the salty sea water into fresh wter.

The U. S. Government first expressed an interest in this in 1952. Immediately there were some "ingenious" inventors who thought they had the solution.

One biologist was quick to point out that certain living organisms crave salt to such an extreme degree that they extract it from sea water and store it up in their body fluids.

Thus, we would have merely to turn untold numbers of these organisms loose on the sea, wait until they were full to the gills, then return them to shore somehow and have at the sea water.

One engineer, not wanting to do with anything so technical as organisms, hit upon the idea of lassoing icebergs in the Artic seas, then towing them south to points in more temperate zones. Melt and serve.

However, when it came time for finding money for this project, the iceberg cowboys had a tough time convincing many Congress-

Part II of this series will deal with the several methods of saline conversion, which is converting sea water into fresh usable water for private homes and

These processes are already being used in certain parts of the world, including America. Even conservatively speaking, saline conversion will have much to do with the future survival of the race.

Fresh water is running

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Eagle



# WATER SAFETY

# Cowboys Creating Wakes Irk Most Good Water Skiers



(This is the last of three stories on water safety).

By EDWARD S. KITCH

CHICAGO (AP) - Water worn by all knowing skiers is no skiing can be enjoyed by substitute for swimming ability. any good swimmer.

The sport is easy to learn and does not require a great amount of athletic ability, but certain rules should be observed to insure utmost safety for himself and others.

Occasionally a skier, through ignorance or inexperience, will do things which irritate others in the same waters. These "cowboys" cut close to swimmers and fishermen, creating heavy wakes that curtail the fun of novice swimmers and fishermen in small boats.

Such disregard of ordinary common sense and courtesy is condemned by most good water skiers. They believe that most "cowboys" can be cured by enrolling in water ski clubs where they can learn the finer points of the sport.

Because skiing should never

Mary E. Lumbrezer

be done in less than five feet of water, a novice swimmer should improve his swimming before

trying on skis. A flotation device

Water skiers take plenty of spills and water isn't very soft when it is hit at high speed. Special equipment has been designed for protection.

The National Safety Council recommends wearing a vest or life jacket. This will help keep the skier's head out of water if an impact leaves him breathless.

Such jackets, meeting Coast Guard specifications, may be obtained and used as boat equipment as well as for water skiing.

There should be an extra person in the boat to act as an observer. Skier, observer and operator should know all the natural signals to start, adjust speed, change direction and stop, plus the "I am OK" sign following a fall. Hands clasped over the head after a fall is a signal that "all is well,"

A fallen skier should be approached from the pilot's side.

Skiers should not try to land directly into shore. If approaching shore too fast, sit down on the skis.

part of the body.

A special flag (white background with red diagonal bar) should warn other craft to stay away from a boat trailing a towline up to 75 feet in length. 1.

# raulkner

(Continued from Page 2)

consciousness.

Where Faulkner criticism will go from here is not easily determined; but the appraisal will have mass of regional life discovered in the novels, as if one writhing' coil after another of a serpentlike saga were being revealed. Yes. The force and fertility are there.

America's literary might has considerably weakened now. To lose two such men as Hemingway and Faulkner in slightly over a year is staggering.

Who will fill the gap?

Do not think, it factitious or over stated that American students bear a great responsibility.

## Martinez Appointed

CHICAGO -- Ray Martinez, who gained his master's degree from MSU in 1960, was appointed consultant to the school trans-Safety Council, council officials

Games Tonight at 6: Izods vs. Cherry Lane, Field 2 Paperbacks vs. Kellogg, Field 4 Wednesday Games at 6 p.m. Biology Inst. vs. Lushwell, Field

Thursday Games at 6 p.m. All-Stars vs. Stipends, Field 2 Errors vs. Hiway Research, Field 4.

## Don't wrap the rope around any Sunday Broadcasting For WKAR Station

MSU radio station WKAR resumed Sunday broadcasting July

The station was forced to cancel Sunday operations last year as a result of budget restrictions by the legislature. WKAR director Lawrence Frymire disclosed that the station has derived additional income from engineering to begin with the hugh heaving and recording projects for other MSU departments.

Synwolf Heads

# Methodist Church

The Rev. Royal Synwolt has been appointed pastor of the Mt. Hope Methodist Church. He will replace the Rev. Warren Brown who was pastor of Mt. Hope for 11 1/2 years.

Brown will move to Travis City to become pastor of the Central Methodist Church there.

Synwolt comes to the East Lansing church from seven years service in the Portage Township area around Kalamazoo.

He graduated from the University of Illinois with a degree in commerce and then studied at the Garrett Theological Seminary in Evanston, III.

Synwolt is married and has three small children, two boys and a girl.

I sold it for only a few pennies a day through the Campus Want-



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1957 BUICK 2-door hardtop. Beautiful condition.

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

1956 CHEVROLET 4-door, V-8, automatic. \$395. We Trade! LAY & MATTHEWS, 1322 E. Michigan. IV 5-2243.

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

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

#### ROOMS

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

333 Albert Street, Rooms for boys, kitchen and TV facilities available, \$6.00 weekly for 5week terms, \$5.00 weekly for 10week terms, summer school. Phone IV 4-7406. Evenings and Sundays, 372-0330.

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

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dition. \$35. Call 355-8061. 6 Chicago 4, Ill.

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VanDyke 1959 10' x 40' 2 bedroom \$2300. Phone ED 2-6170.

## 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.

## PEANUTS PERSONALS

SAILING CLUB will meet 6:30 tonight at Lake Lansing, NOT UNION. Picnic and sailing afterwards.

That little TR 3 is just too cool. RENTALS ED 28978 or 489. Even though my hair is a wreck when I ride in it, I wou give you up for the world.

Your Lover Wanted: One or two air conditioners, cheap. The office is Okemos. Return transportation more like an oven than a worldly wise establishment. Call 872- ED 2-6169 for reservations. Por-4321, Area Code 617.

Don't you miss those editors at the desk by the window? There's no one to tease you now, except

Guess Who

#### Personal

Student insurance office closed for the summer. For claim forms and information write: H.N.W. Man's racing bicycle, good con- & R., 175 W. Jackson Blvd.,

### K Personal

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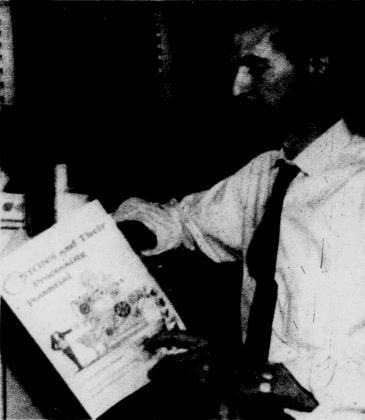
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acreage has decreased slightly

during the last decade, production

has been quite stable with a slight

processing as a means to

increase consumer demand. If,

for example, frozen French fried

onion rings could capture a

market equal to 10 per cent that

of frozen French fried potatoes,

per capita consumption of onions

might increase as much as 5 per

Many forms of processed

onions are being made available because homemakers may want

texture as well as flavor, depend-

ing on the use of the product.

Greig points to commercial

upward trend.

# nions - Tearful **But So Useful**

tears to the eyes of nearly everyone is the onlon. But this "tearjerker" is almost universally years. Even though Michigan used as a vegetable, seasoning or ingredient in numerous food preparations.

W. Smith Greig, Michigan State University agricultural economist, points out that onlone are one of the principal seasonings in catsup, chili sauce, meats, mayonnaise, pickles and many other commercially prepared, commonly used food items.

While the average homemaker has historically used fresh onions, they can now buy them canned, frozen, dehydrated and even as onton juice. From these basic forms, they can be made to suit the needs of nearly every-

Dehydrated onions may be sliced, flaked, minced, powdered, or chopped. Furthermore, chopped ontons may be frozen in such a way that consumers can remove what they need from the container and return the unused portion to the refrigerator.

Michigan ranks fourth in onion production behind New York,

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#### College Head John W. Henderson, MSU alumnus and former staff member, has been selected president of Iowa Wesleyan College, Mount Pleasant, lowa. Henderson received his M.A. and Ed.D. degrees at MSU in 1950 and 1958. He served at MSU as an assistant placement officer during 1951 and 1952.

Ex-MSU Staffer

Returning to MSUTrom Provost Marshall General School, Augusta, Ga., in 1955, Henderson worked as an education and evaluation consultant. He served as Assistant Dean of Students from 1956-1959, when he accepted a position at Western Illinois University, Macomb.

Henderson remained as Dean of Student Personnel at Western Illinois until his appointment as president of Iowa Wesleyan this

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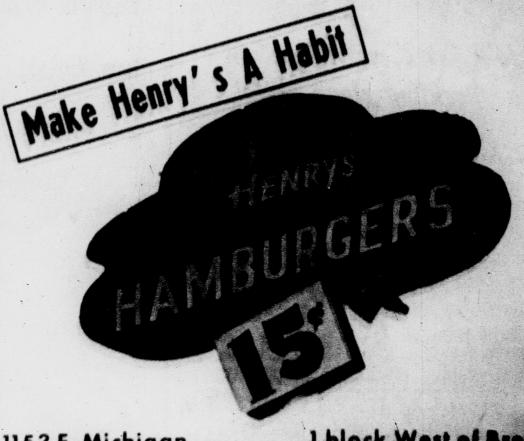
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# Ph. D.'s Head for Industry

(Continued from page one) ple receiving the top degree in 1958 in this area went (or stayed) in- the professional teaching only six per cent went try; one per cent to nt with the remaining ! ! nt with the remaining 11 ounted for.

The logical reason for this ld seem to be that there et aren't many industries in-rested in hiring specialists in iddle English or 18th century

hilosophy. But Dean Tucker says this loesn't entirely explain the situa-

"People who go into the humanities know that this is what they like," he said. "Thus, the thing is to get people interested in college level teaching."

And he added: "If you had more money, you could hire more in the way of fellowships." physical scientists; but more more humanities teachers."

"Three hundred Ph. D.'s are could produce." granted each year throughout the U.S.," he said, "but we could tustry claims they could use another 10,000.

"Because of the shortage," he continued."we fill in with peo-MS degree. Small colleges take the brunt of the deal."

When asked about the diffi-

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"You try to discover somethe Ph. D. would like to do. More math has been discovered in the last 50 years than in all the years since Euclid.

like Topology, the most progress is being made."

On the number of graduate students enrolled in math at MSU, the department head had this to

"There is an increasing number of undergraduates going into graduate work. But we have 500 undergraduate majors and only. 70 graduate students.

They ( the undergraduates ) can get good salaries in industry with a BS degree: We are getting more and more federal support

"As for getting these studmoney would not necessarily get dents to stay on and teach, it is very difficult. The computing Charles P. Wells, head of the field takes so many of our Ph .mathematics department, has D.'s. IBM has said that they could outlined the problem in science: use all the Ph. D.'s the country

"This demand," Wells continued, "has come about mostly use three times that many. In- since the atomic age came into being about 10 years ago."

Closing on an even more somber note, he added:

"Russia has some of the best ple capable of teaching with an mathematicians and physicists there are in the fields of pure research."

Frandor

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ANERS

On the other side of the cam-

culty of writing a Ph. D. disser- pus, James D. Rust, acting head tation these days, Wells replied: of the English department, had some interesting things to say thing new in math. This is what concerning the situation of humanities.

There is a definite shortage of college teachers," he began, "and the graduate schools can't "In Algebra and in new fields turn out enough teachers at the college and university level. The demand just exceeds the supply.

> "Enrollments in the graduate schools are rising and the only way one can train for college teaching is by becoming a 'master' of his subject."

'Such schools as Michigan, Wisconsin and Ohio State will have many students who won't see a professional until their junior year."

But there is one brighter side of the picture. Rust added:

of the picture. Rust added: "There is a real revolution or evolution going on in American education in the increasing emphasis on quality in public school faculities. This is being reflected in the increasingly better students we're getting who are prepared for independent study."





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