THE DAILY TAR HEEL

Friday, October 28, 1966

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Pigs At Duke Suffer Heart Attacks For Science's Sake

heart attacks in pigs, Duke University scientists have learned that a drug long used to subdue dangerous heart beat irregularities may also be effective in preventing them in the first place.

Saturday at the American Heart Association's scientific sessions, points to the possibi-lity that the drug can be prescribed at the onset of a heart attack as a means of heading off rhycom disturbances and speedin recovery.

The drug is quinidine, a chemical relative of malaria -fighting quinine. It currently is used to treat irregular heart beats.

Choosing pigs because their coronary system is similar to man's, the Duke team pro-

NEW YORK - By inducing duced heart attacks in the the first hours and days after animals by placing a tiny con- an attack. strictor around the main coronary artery

The constrictor is made of stainless steel with a casein or Ameroid centerpiece. It has a small V-opening in it so that The research, described here it can be slipped over the

> not interrupt blood flow. But over a period of between 24 to 48 hours, saline in the body causes the centerpiece to swell and close until finally circulation is stopped and a heart attack is produced.

Gypsy Flamenco Guitarist

MANITAS de PLATA

MONDAY, OCT. 31

8:00 p.m. Memorial Hall

UNC STUDENTS FREE WITH I.D.

BE THERE EARLY!

EXTRA! EXTRA!

READ ALL ABOUT IT!

6:00 P.M. TO 9:00 P.M.

"It seems reasonable to assume," said Dr. James Morris, one of the researchers, "that with early treatment

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blood vessel. Initially it does Disturbances in the action

of the heart constitute a serious complication of heart attacks. Approximately 20 per cent of fatal heart attacks are

a direct result of uncontrolled irregular heart beat, authorities maintain. These occur in

with quinidine, this large number of deaths might be prevented." Doctors face an extremely difficult task in attempting to interpret the sequence of events which lead to heart attacks. For this reason, they hesitate to evaluate the effects of any drug in the heart attack patient without first

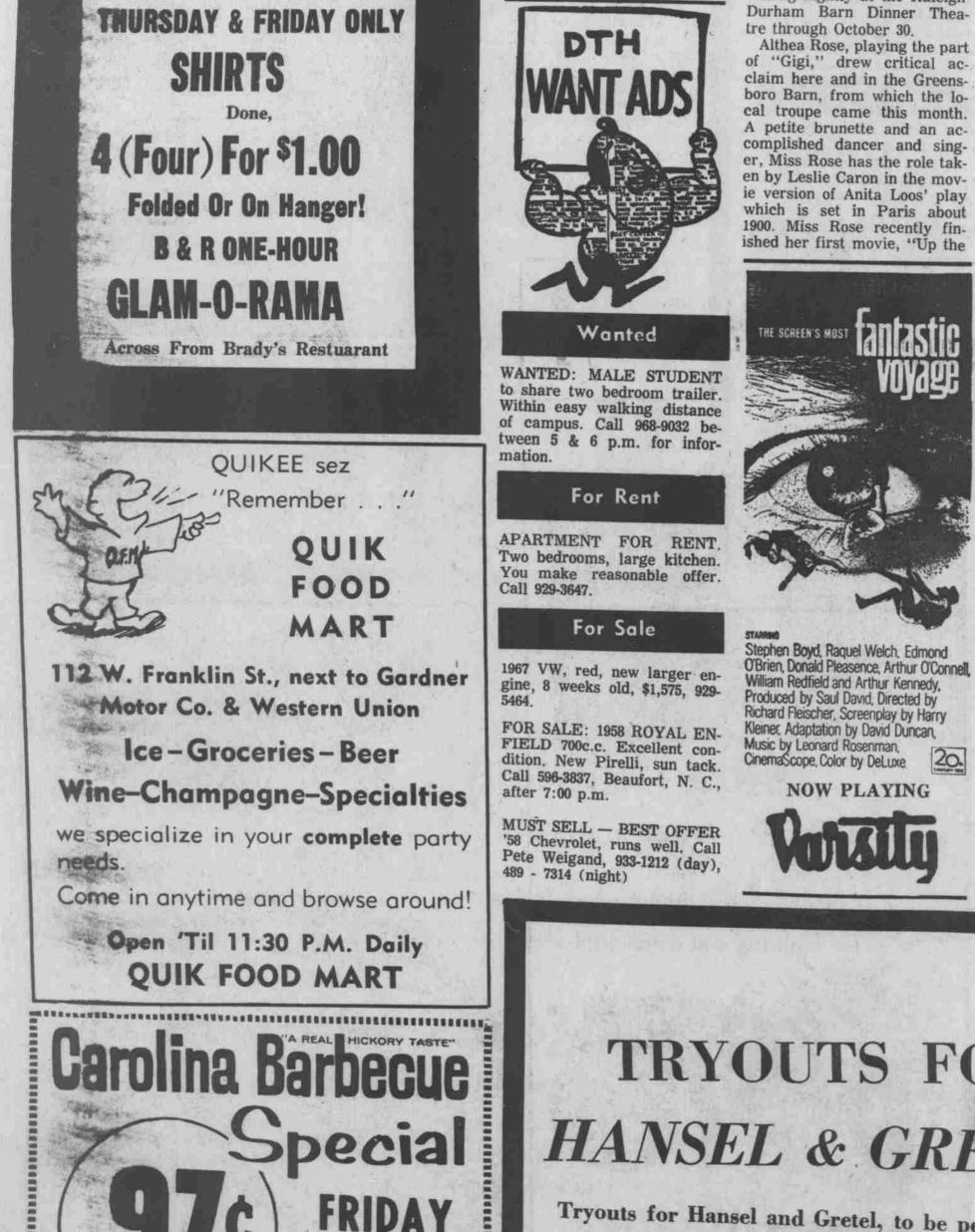
studying its action in laboratory animals.

In studies done elsewhere, the heart attacks are induced during surgery. The Duke method is different in that the animal has fully recovered from the surgery and is up and walking about in a cage or chamber when the heart attack occurs.

Dr. Morris said that seven of 20 pigs treated with quinidine survived total shutdown of the artery, compared with three of 20 pigs not given the

drug. It was also found that quinidine increased survival time among the animals that did not recover. In this group, animals treated with quinidine lived an average of 31.3 hours compared with 19.7 hours for those not treated.

Dr. Morris emphasized that this type of research does not necessarily assure that quinidine will be effective in humans with abnormal heart beats after the onset of a heart attack.



Confounds Elders RALEIGH - An innocent- Down Staircase," and has been

teen - age girl who confounds shows. her worldly wise elders is in the title role of "Gigi," the famous Broadway play continuing nightly at the Raleigh-Durham Barn Dinner Theatre through October 30. Althea Rose, playing the part he is a native of Greenwich Village, New York. Director Tony Calabrese announced that the show was completely re - staged with a cast change for re - opening on the local arena stage last Thursday night (Oct. 20). Jan Lebo, who has twice before appeared with Barn troupes, join ed the cast of seven as Madame Alvarez, Gigi's grandmother and tutor in womanly wiles.

ly captivating and vivacious in numerous TV and stage

Opposite her as Parisian playboy Gaston Lachaille, the swain Gigi's mother and aunt hope will take the girl as his mistress, is David Dangerfield. A TV and movie actor,

Top Over-All Averages College fraternity scholastic averages in almost two-thirds of the nation's higher institutions where chapters are lo- scholarship where every fracated exceeded the respective ternity chapter on their re-All Men's Averages for the spective campuses exceeded previous academic year, ac- the All Men's Averages. Of cording to an analysis releas- these institutions, 7 achieved

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ternity Conference. the academic year 1964-65, the College, Texas Technological highest number since records College, Wisconsin State Colhave been accumulated by the scholarship reporting service of the Conference. During the year, 62 per cent of the reporting institutions showed campus fraternity averages above the All Men's Averages, involving 3,159 individual fraternity chapters.

The campus - wide fraternity scholastic average lead has been going up steadily over the All Men's Average in reporting institutions for the past decade according to the analysis. The previous two years, the lead held at slightly over 59 per cent of the institutions reporting.

When compared on an individual chapter basis nationwide, and disregarding campus averages, the fraternity scholastic averages have maintained a par relationship with All Men's Averages for the past several years. During those years, as many fraternity chapters throughout the country were above the All Men's Averages as were those below it. In the academic year 1964-65, the figure was

Men's Averages on their re-In 1964-65, 43 institutions spective campuses. In three qualified for the Summa Cum cases - Alpha Delta Gamma; Laude rating for superior FarmHouse, and Phi Lambda Chi-every chapter in their organizations was above the All Men's Average on their respective campuses. ed by the National Interfra- this signal honor for three official sources supplied directconsecutive years. They in-A total of 295 institutions clude University of Akron, Arly by the institutions and prowith fraternity chapters re- kansas State College, Georgecessed by the scholarship reported comparative figures for town College, Murray State porting service of the National Interfraternity

None In N. C.

Fraternity Men's Grades

Chairman of the scholarship lege at Stevens Point, and committee of the Conference Wisconsin State College at is Harold E. Angelo, Whitewater.

No North Carolina College was on the list.

Of the 61 national general collegiate fraternity organizations, 29 had over a majority of their individual chapters averaging higher than the All

Have You Discovered Granny's Attic?

All data was developed from

Conference.

BEFORE YOU LEAVE FOR PARTS UNKNOWN COME BY OUR STORE AND TAKE A GIFT HOME. **RED & BLUE NIGHTSHIRTS** UNC BEER MUGS

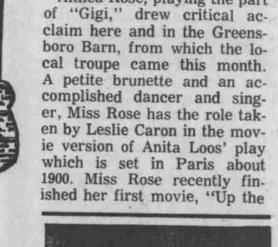


Raleigh-Durham Barn Dinner Theater's current offering, is

played by Althea Rose, a vivacious young singer-dancer-actress.

'Gigi's' Innocence

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THE SCREEN'S MOST



Others in the acting company are Susan Allece, Gigi's mother, who has appeared in the movie "Seven Year Itch," and the Kraft TV Theatre; David Holland, depicting "victor," major domo for the women who vainly try to indoctrinate Gigi; and Alan Lantierei, a manservant in the household.

The play is abetted by the popular songs of Lerner and Lower between the six scene changes. "Gigi" will be followed at the Raleigh - Durham Barn by the popular. "Picnic," now being presented in Greensboro, is sche-

duled to open here on Nov. 2. Admission to the Barn, by reservation only, may be arranged by calling 787-7771 Ra-leigh or 596-8343 Durham; or from elsewhere, WX-2100 Durham (Toll free).

SMOKE SIGNAL SAN FRANCISCO (UPI) -When your exhaust smoke is bluish, gray or black-color it trouble. A bluish or gray smoke

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could mean an excess of oil is getting past the piston riggs, according to the National Automobile Club. Black smoke means too much gasoline in the mixture.

chapters nationwide, while the previous two academic years the figure hovered approximately at the 50 per cent mark. A decade ago, only 44 per cent of the chapters were reported over the All Men's Average.





TRYOUTS FOR HANSEL & GRETEL

Tryouts for Hansel and Gretel, to be performed January 7th and 8th, will be held in Hill Hall Auditorium at 4:30 Sunday and Monday October 30 and 31.



Singers and actors needed (also technicians). Rehersals will be Thursday evenings and Sunday afternoons until the week before performance, when rehersals will be every night for one week. The play will be directed by Laurel Dykstra.

These Are Open Tryouts-Everyone Is Invited



SOUTH END OF LENIOR HALL

COMPLETE

ONLY