## **Bone Density Measuring** Valuable Tool—Schraer

The accurate measuring of bone density may become a per cent average for good health the author of an article, "Ten He will study engine developments of Community-School ments of interest to Army Ordvaluable tool to the medical profession in diagnosing various ever, he said, this may be attribhuman skeletal ailments, Dr. Harald Schraer, research as University is in a non-urban area sociate in physics, believes.

Dr. Schraer is heading a research program that is de-lily available to students here as

signed to establish the scientific

who was a research associate in applied physics. Dr. Pauline fect the film itself. Different a gift donated by last year's sentiate the University, initiated the university, initiated the bare density work. bone density work.

public health service.

"Once its accuracy is established, the machine probably will be checked.

When an X-ray film is taken, ber of the staff, and seven days in the bone absorbs X-rays causing the film to become lighter where ing subjects," Dr. Schraer predicts. "So far there has been no way of measuring the exact loss of calcium the body suffers except by metabolic halance tests."

be checked.

When an X-ray film is taken, ber of the staff, and seven days free treatment in the infirmary each semester. There is a charge of \$3 for each extra day. Students also must pay for unusual drugs and needles.

Students may also secure the

eral content of the aged who are

information can be translated into terms of bone content. The

trolled.

last February.

prone to bone disorders, and in diagnosing many diseases.

Small laboratory animals will be used to establish the accuracy of the bone density computer. Through special dicts varying in calcium content, changes will be caused in the mineral content of the animal's bones.

Factors Affect Film

Last February.

Dr. Schraer and Dr. James M.
Lawther, a part-time research associate at the University, have a sociate at the University, have a one year \$5,624 Public Health Service grant to work on the development of a new bone density evaluation technique based on the planigraphic technique, a means of selecting in a subject a layer of tissue or a structure growths have been detected durative and the service grant to work on the planigraphic technique, a layer of tissue or a structure growths have been detected durative and the service grant to work on the planigraphic technique, a layer of tissue or a structure growths have been detected durative growths have been detected durative growths have been detected durative. Factors Affect Film layer of tissue or a structure growths have been detected durmachine which extracts informan X-ray film. This above or below the selected layer. It would not be feasible, acabove or below the selected layer.

Pearl divers of the Polynesian

### Hospital

(Continued from page seven) body makes use of the service. Dr. Arthur L. Harnett Jr., pro-This is higher than the 35 to 40 fessor of physical education, is sor of engineering research, will per cent average for good health the author of an article, "Ten spend December in Germany. and other facilities aren't as eas-

they are at schools situated in metropolitan areas.

Dr. Glenn expects the east wing, containing 30 beds and a new kitvalidity and accuracy of a unique bone density computer.

The machine was devised by the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research associate in the late Dr. Walter N. Brown Jr., who was a research as the late Dr. Walter N. Brown Jr., who was a research as the late Dr. Walter N. Brown Jr., who was a research as the late Dr. Walter N. Brown Jr., who was a research as the late Dr. Walter N. Brown Jr., who was a research as the late Dr. Walter N. Brown Jr., who was a research as the late Dr. Walter N. Brown Jr., who was a research which was a resear for the second semester. He also

Many students are not aware of the free benefits they are entitled Schraer Receives Grant
To continue the work during the coming year, Dr. Schraer has received a \$7,958 grant from the grant the coming year, Dr. Schraer has received a \$7,958 grant from the grant from t against which film variables can examinations and any standard

of calcium the body suffers except by metabolic balance tests, a tedious and expensive method that is impractical for general use."

Accurate bone density measurements will be particularly valuable in assessing bone minoral content of the aged who are last February.

Einstein Center

Dr. Schraer's research is a continuation of work he and his wife, but the same of the psychiatric service. This is done by appointment and can also be arranged through other two years ago at the Albert Einstein Center

Dr. Schraer's research is a continuation of work he and his wife, but the years ago at the Albert Einstein Center

Dr. Schraer's research is a continuation of work he and his wife, but the years ago at the Albert Einstein Center

This is done by appointment and can also be arranged through other two years ago at the Albert Einstein Center

This is done by appointment and can also be arranged through other two years ago at the Albert Einstein Medical Center in Philadel-pensary. Since establishment of the counseling service in 1947, more than 2246 students have

ing these examinations.

It would not be feasible, according to Dr. Daniel M. Lonberger, University dentist, to attempt to terms of bone content. The Pearl divers of the Polynesian a full time dental program unless X-rays are taken according to a islands are able to hold their there was a school of Dentistry at prescribed procedure which in-breath for as long as five minutes. the University.

#### Harnett Authors Magazine Article

in Pennsylvania, starting in 1945 tem of diesel combustion at the at the University and expanding until at present six are offered each summer at Pennsylvania colleges and university. leges and universities.

#### **Prof Will Study** German Engines

Health Education Workshops," nance, represent the Society of published in the September issue Automotive Engineers in coordiof the American Journal of Public Health.

The article is a discussion of the health education workshop held body, and study the Meurer systems.

USE COLLEGIAN CLASSIFIEDS



#### HAPPY TALK

As we all know, conversation is terribly important on a date. When lulls in the conversation run longer than an hour or two, one's partner is inclined to grow logyeven sullen. What, then, does one do?

If one is wise, one follows the brilliant example of Harlow Thurlow.

Harlow Thurlow prepares. That is his simple secret. Before the date, he goes to the library and reads all 24 volumes of the encyclopedia and transcribes their contents on his cuffs. Thus he makes sure that no matter what his date's interests are, he will have ample material to keep the conversation alive.

Take, for example, Harlow's first date with Priscilla de Gasser, a fine, strapping, blue-eyed broth of a girl, lavishly constructed and rosy as the dawn.

Harlow was, as always, prepared when he called for Priscilla, and, as always, he did not start to converse immediately. First he took her to dinner because, as everyone knows, it is useless to try to make conversation with an unfed coed.

So he took her to a fine steak house where he stoked her with gobbets of Black Angus and mounds of French fries and thickets of escarole and battalions of petits fours. Then, at last, dinner was over and the waiter brought two finger bowls.

'I hope you enjoyed your dinner, my dear," said Harlow, dipping into his finger bowl.

"Oh, it was grandy-dandy!" said Priscilla. "Now let's go someplace for ribs.'

"Later, perhaps," said Harlow. "But right now, I thought we might have a conversation.'

"Oh, goody, goody, two-shoes!" cried Priscilla. "I been looking everywhere for a boy who can carry on an intelligent conversation."

"Your search is ended, madam," said Harlow and pulled back his sleeves and looked at his cuffs to pick a likely topic to start the conversation.



Oh, woe! Oh, lackaday! Those cuffs on which Harlow had painstakingly transcribed such diverse and fascinating information - those cuffs were nothing now but a big, blue blur! For Harlow-poor Harlow!—splashing around in the finger bowl had gotten his cuffs wet and the ink had run and not one word was legible! And Harlow broke out in a night-sweat and fell dumb.

"I must say," said Priscilla after several silent hours, "that you are a very dull fellow. I'm leaving."

With that she flounced away and poor Harlow was too crushed to protest. Sadly he sat and sadly lit a

cigarette. 'All of a sudden Priscilla came rushing back. "Was that," she asked, "a Philip Morris you just lit?"

"Yes." said Harlow.

"Then you are not a dull fellow!" she cried and sprang into his lap. "You are bright! Anybody is bright to smoke such a perfect doll of a cigarette as today's rich, tasty Philip Morris, which is brimming-full of natural tobacco goodness and fresh unfiltered flavor.... Harlow, tiger, wash your cuffs and be my love!"

"Okay," said Harlow, and did, and was.

@ Max Shulman, 1956

The makers of Philip Morris Cigarettes, who bring you this column each week, are very happy for Harlow - and for all the rest of you who have discovered the true tobacco goodness: of today's Philip Morris!

# REMOVAL SALE

AT THE HARMONY SHOP

Is Still Going Strong

**Bigger and Better Selections** at Greater Savings

OUR NEW LOCATION ACROSS THE STREET FROM OUR PRE-SENT LOCATION WILL BE READY ON OR ABOUT JAN. 1, 1957

WATCH FOR OUR GRAND NEW OPENING **FOR** 

"The Most Complete Record Selection in the Area"

SHOP

SO. FRAZIER ST.

**PHONE AD 7-2130** 

OPEN EVENINGS TILL 9:00 P.M.