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AGGIE ENGINEERS? Maureen Turk (left) and Nancy Nielsen are studying nuclear engineering at Texas A&M, the first girls to seek B.S. degrees in the tough field at the predominately male institution. They watch as Dr. Robert S. Wick, nuclear engineering professor, explains operation of A&M's giant nuclear reactor. Miss Nielsen is a junior transfer student from San Antonio and Miss Turk is a freshman from Terre Haute, Ind.

### Coeds Seek Tough Degrees In A&M Nuclear Engineering

veryone to accept the idea I'm ot kidding," insisted Nancy lielsen, a pretty brunette.

Maureen Turk, an equally pretblonde, agreed. Their "problem" is that they

e studying nuclear engineering t Texas A&M. They are, in fact, he first coeds to seek B.S. derees in the tough nuclear field t the predominately male insti-

"Everybody's waiting around or me to switch to business adnistration," quipped Miss Turk, freshman from Terre Haute, While she would rather ight than switch, she confided Society field trip. he would probably go into journgineering ambitions.

er first year at A&M, having too were fine. transferred from San Antonio unior College.

Asked how she felt about the ikelihood of being the first girl n Texas to earn a B.S. degree in nuclear engineering, Miss Nielsen replied: "Wow."

Texas A&M is the only school n the state and one of few in the nation offering undergraduate egrees in nuclear engineering. While it has offered master's

A&M initiated the B.S. program in 1967 and now has 83 students majoring in the field.

Miss Turk, who lived in Arlington before her family moved to Indiana a year ago, by-passed nearby Purdue to attend Texas

"I WANTED to come to A&M," she explained. She said she was impressed by A&M's facilities, particularly its nuclear reactor, cyclotron and space center. Miss Nielsen was considering

a career in chemical engineering

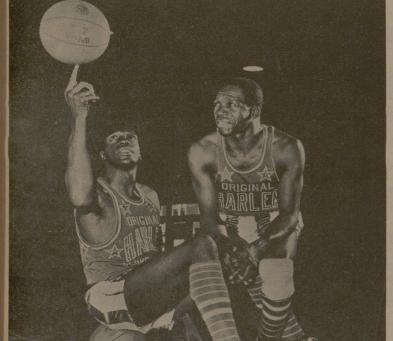
when she first visited the A&M campus on an American Chemical She changed her mind when alism if she ever gave up her she "saw all those goodies." The

"goodies" meant the reactor, cy-MISS NIELSEN is a junior clotron and other facilities and rom San Antonio, but also is in not the Aggies, but she said they

"Being a girl at A&M is great," Miss Nielsen observed. Miss Turk

The San Antonio lass is the only girl in all her classes, which, because of her junior classification, include only science, engineering and related subjects. Miss Turk is joined by several other girls in her English and other basic classes.

NEITHER OF the young ladies



SEE COACH, IT'S EASY

Clown Prince Meadowlark Lemon spins the ball for coachplayed Leon Hillard of the world famous Harlem Globetrotters who will be appearing here Feb. 4 to start off the spring semester. Tickets may be purchased for the 8 p. m. exhibition at the Student Programs Office in the Memorial Student Center, most Bryan and College Station banks or

"My biggest problem is getting and Ph.D. degrees several years, has any complaints about being surrounded by Aggies.

"I think they think I'm just another freshman—but they may talk to me a little more," Miss Turk reflected.

The pert blonde has a perfectly logical explanation for the oftenasked question of why she chose to study nuclear engineering: "I've always wanted to be an engineer and figured there would be more acceptability for a girl in a new field, such as nuclear, than in older fields like mechani-

cal or civil engineering." Ambitious as well as pretty, Miss Turk hopes eventually to earn a master's and also a management degree and then work her way up to a management engineering position in industry.

MISS NIELSEN said she probably will work in some research capacity after graduation.

#### Geddes Named Visiting Prof

Dr. L. A. Geddes of Baylor University College of Medicine has been appointed visiting professor of biomedical engineering at Texas A&M, announced A&M Engineering Dean Fred Benson.

Dr. Geddes, professor of physiology and director of Baylor Medical's Division of Biomedical Engineering, will present his first A&M lecture under the new appointment Feb. 11. He has been a member of the university's graduate veterinary medicine faculty since 1965.

Benson said the new appointment is part of an overall program in which Texas A&M and the Houston medical school are collaborating in the field of biomedical engineering. At A&M the program is a cooperative endeavor of the College of Engineering and Veterinary Medicine.

Geddes joined Baylor Medical in 1952 as a biophysicist in the Department of Physiology. He was named director of the Division of Biomedical Engineering in 1962 and promoted to full professor three years later. He will continue to serve in his present capacity at Baylor.

The new A&M visiting lecturer received his Ph.D. from Baylor Medical in 1958 after having previously earned bachelor's and master's degrees in engineering from McGill University in Montreal, Canada.

Dr. Geddes, author of more than 130 publications, is a member of numerous professional and honorary societies, including the I.R.E. Professional Group on Medical Electronics, National Society of Professional Engineers, American Society of Military Engineers and Sigma Xi.

## A&M, UT to Establish Biomedical Institute

## FormalDedication | Minimum Wage Set For Saturday

ical Branch and Texas A&M are jointly establishing a marine biomedical institute in Galveston with formal dedication set Sat-

Announcement of formation of The Marine Biomedical Institute was made by Dr. Truman G. Blocker Jr., president of the UT Medical Branch, and A&M Presi-

Ceremonies dedicating the new facility are set for 11:30 a.m. in the Shriners Burns Institute auditorium.

Scheduled to join Dr. Blocker and Rudder in the ceremonies are W. H. Bauer, a member of The University of Texas System Board of Regents; L. F. Peterson, president of The Texas A&M University System; Dr. Harry H. Ransom, chancellor of the UT System; and Dr. A. D. Suttle, A&M vice president for research.

Guest speaker for the program will be Dr. H. R. Schreiner, director of research for Ocean Systems, Inc., Tonawanda, New York. He also will serve as special consultant to the Marine Bio-

Objectives of the new institute, as stated in the dedicatory proclamation, include advancement of man's knowledge of the marine environment and use of this knowledge to enhance the practice of medicine in all environ-

The facility also is assigned the task of accumulating new data to assist in the development of systems to support man in the sea. It also will provide consultation from medical and related fields to scientists, engineers and managers regarding application of the data to environmental problems associated with underwater exploration and exploitation.

Another function of the insti- likely be turned down.

The University of Texas Med- tute will be training medical and other personnel in the science and technology required to support man in the oceanic environment.

Col. Robert W. Martindale, administrative director of the institute, said biomedical problems to be investigated by the institute include those produced directly by the wet, cold, dark, high-pressure climate of the ocean.

Martindale said specific studies will involve increased resistance to breathing during exertion and at rest: central nervous system narcosis by nitrogen and other inert gases; long, slow decompression necessary for safe elimination of excessive inert gas from the tissues; toxicity of oxygen at high pressure; loss of body heat during prolonged submergence, and the complex interaction of these factors.

study center is also planned where other institutions may perform Marine Biomedical Institute.

#### Housing Increase **Noted For Spring**

Texas A&M students returning for the spring semester next week will likely find themselves with a little more elbow room, says Housing Manager Allan Madeley.

"We anticipate plenty of space in the 30 campus residence halls, partly because of the high number of students who graduated last week," Madeley said.

University housing for married students, however, will remain tight. Calvin Moore, manager of student apartments, noted that the university's 660 apartments were already filled and that 50 applications for rooms would

# Set On Campus

Texas A&M employes will receive a minimum wage of \$1.30 per hour effective Feb. 1, according to R. Clark Diebel, controller of accounts.

The new wage is in keeping with the Fair Labor Standards Act as amended in 1966, Diebel

"Generally, overtime at one and one-half times the regular rate will be paid for all hours worked in excess of 40 hours during the work week, Thursday to Wednesday," Diebel added.

He pointed out the wage increase does not apply to certain employes partially exempted from the act, such as agricultural workers and seamen who will be paid for all hours worked at

Diebel called attention to the fact that the minimum wage was raised to \$1 in 1967 and \$1.15 in 1968. It will continue annually until it reaches \$1.60, he said.

He emphasized that a "large number of employes" are already receiving \$1.30 and that the new rate will apply primarily to irregular wage employes such as student workers.

No overtime was paid prior to June 10, 1968, in compliance with state law, he pointed out.

Diebel also reminded employes, faculty and staff that Social Security deductions were increased Jan. 1 to 4.8 per cent of the first \$7,800 of earnings during the

"Texas Clipper," a 15,000-ton

converted to a floating classroom.

Ports of call on the 13,676-mile

voyage are Las Palmas, Canary

Islands; Barcelona, Spain; Pirai-

evs, Greece; Naples, Italy, and

Funchal, Madeira. The "Clipper"

also will make one U.S. stop en-

route and return via New Orleans.

Craik said TMA has arranged

several top but economical tours

#### The director said a marine Maritime's Summer School other institutions may perform research in conjunction with The Flooded With Applications

Texas A&M has received 1,150 veston, will be made aboard the student inquiries about its 1969 "Summer School at Sea," some oceanliner which Texas A&M has 1,060 more than it can accommodate for the 10-week Mediterranean cruise.

Adm. James D. Craik, superintendent of A&M's Texas Maritime Academy, noted, however, applications are still being accepted for the June 5-Aug. 10 jaunt. Pointing out much of the current correspondence is still in the informational stage, he urged all applications be submitted before March 1.

"Summer School at Sea," jointly sponsored by A&M's College of Liberal Arts and TMA, offers spring high school graduates and college freshmen an opportunity to earn six hours of college credit while visiting five foreign ports. The cruise, originating in Gal-

in the foreign countries, particu-Qualified male students may enroll for two courses in fresh-

man English, history or mathematics, the admiral noted. Credit may be applied to a standard degree from Texas A&M or another college or university. It also can be applied to a TMA course of study leading to a B.S. degree in marine engineering or marine transportation. "Summer School at Sea" fees

residents and \$700 for non-residents. The charges include tuition, room and board. Applications or additional in-

formation may be obtained from the Texas Maritime Academy, Texas A&M University, College Station, Texas 77843.



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#### To Construct 22-Patient Stroke Care Unit In Dallas A 22-patient stroke care unit tor, has been appointed the in- coordinate system installation

providing a cerebral vascularaccident center for Dallas and North Texas will be installed in Presbyterian Hospital under the direction of Texas A&M.

Prof. Edward J. Romieniec, chairman of the School of Architecture, said the school's Research and Graduate Center will participate in a demonstration project to install an adaptable building system in the Dallas

Work on the building system was begun by A&M researchers. It progressed through four stages under U. S. Public Health Service sponsorship totaling \$550,000, said Jerry Trost, A&M project

The stroke care unit will be built on the ninth floor of the hospital. The system utilizes a prefinished stacking wall and molded fiberglass bath units which permit the hospital to rearrange its interior spaces to suit the rapidly changing requirements and technology of patient care and treatment, Trost added.

The U.S. Department of Health, Education and Welfare funded about half of the estimated \$500,-000 construction cost.

Rod Bell, hospital administra-

#### WEATHER

Friday - Partly cloudy to cloudy. Wind Northerly 5 to 10 mph. High 63, low 39. Saturday-Cloudy. Wind Easterly 5 to 10 mph. High 68, low

University National Bank "On the side of Texas A&M.

stallation program's principal investigator. James Patterson, director of A&M's Research and non-system construction. Graduate Center, was named co-

Russell Stogsdill, also of the for installation of the unit, Trost School of Architecture, who will said.

principal investigator.

with Rosco DeWitt Architects in Dallas, who are responsible for The Avery Mays Construction

Company of Dallas was awarded Associate project director is a contract earlier in the month



LIVELY EXCHANGE

A pair of Texas A&M students engage in an animated discussion with two of the 13 East Asian students visiting the university this week. Sponsored by the Experiment in International Living, the group will continue its tour of the United States Friday. From left are Sim Kay Wee of Singapore, Robert Holcomb of College Station, Wai-Chei Leung of Hong King and Paul Parsons of Bryan.