



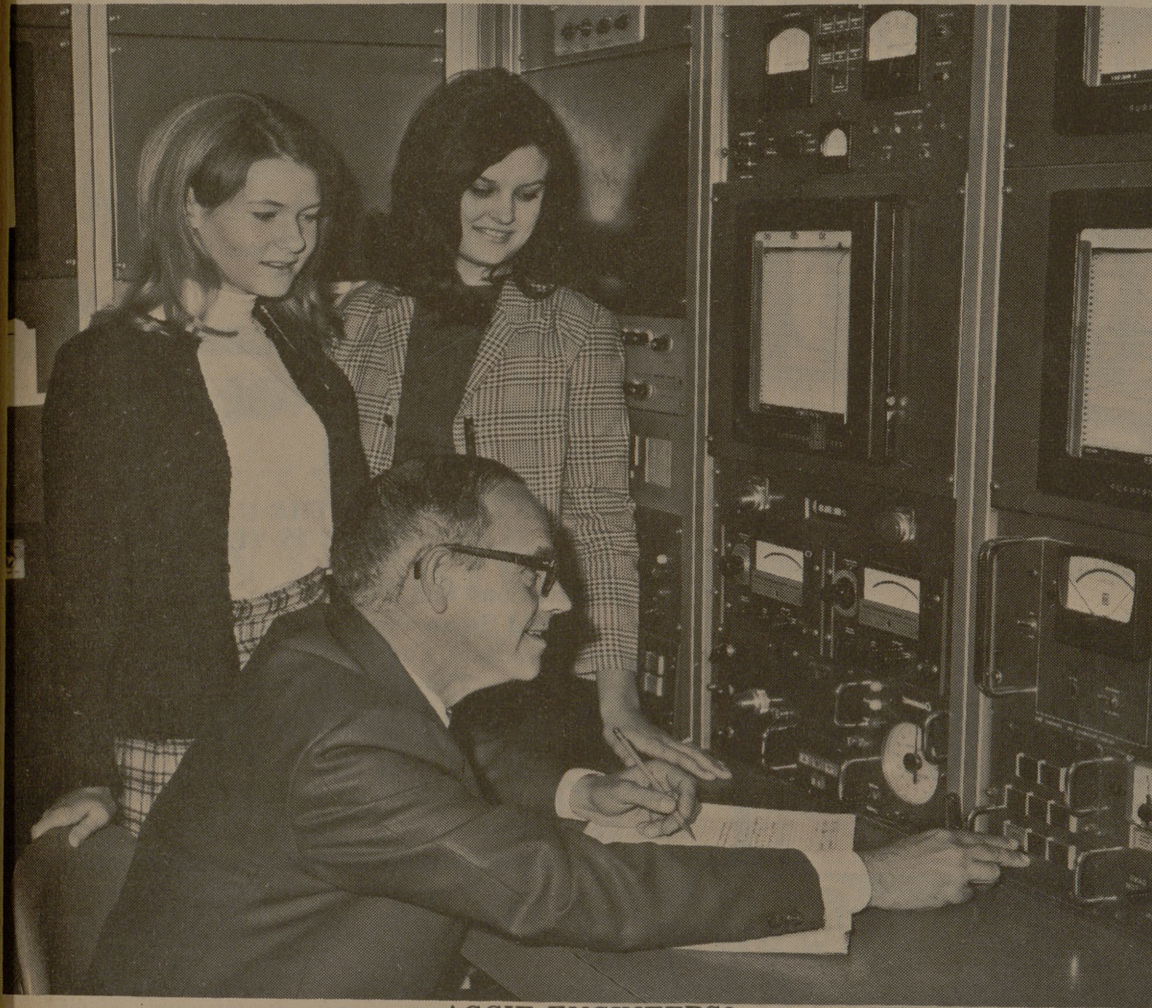
# The Battalion



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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

"My biggest problem is getting everyone to accept the idea I'm not kidding," insisted Nancy Nielsen, a pretty brunette. Maureen Turk, an equally pretty blonde, agreed. Their "problem" is that they are studying nuclear engineering at Texas A&M. They are, in fact, the first coeds to seek B.S. degrees in the tough nuclear field at the predominately male institution.

"Everybody's waiting around for me to switch to business administration," quipped Miss Turk, a freshman from Terre Haute, Ind. While she would rather fight than switch, she confided she would probably go into journalism if she ever gave up her engineering ambitions.

MISS NIELSEN is a junior from San Antonio, but also is in her first year at A&M, having transferred from San Antonio Junior College.

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

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

and Ph.D. degrees several years, 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 A&M.

"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.

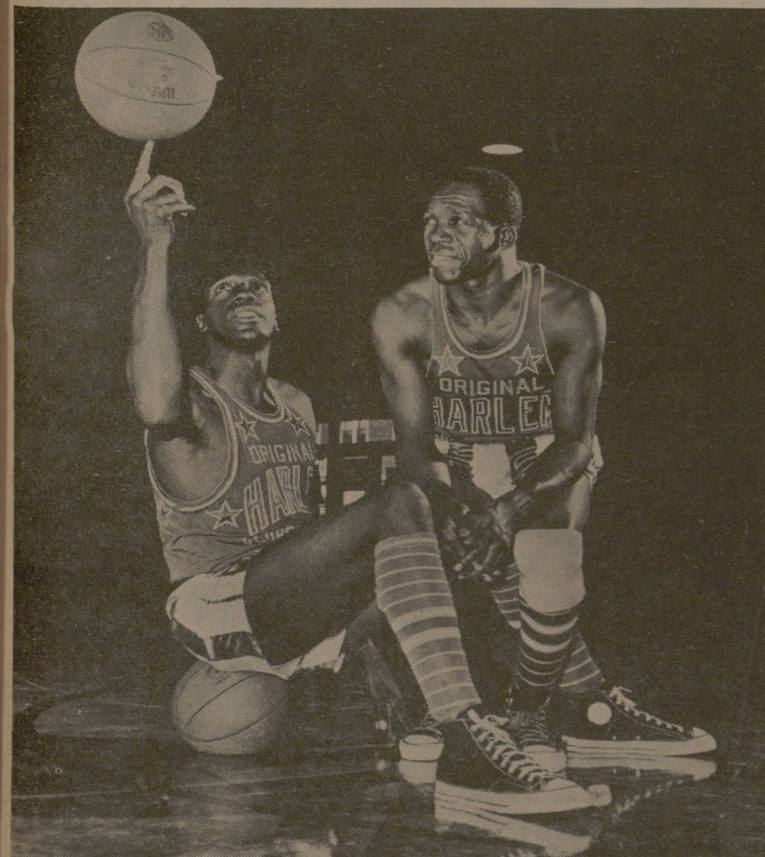
Miss Nielsen was considering a career in chemical engineering when she first visited the A&M campus on an American Chemical Society field trip.

She changed her mind when she "saw all those goodies." The "goodies" meant the reactor, cyclotron and other facilities and not the Aggies, but she said they too were fine.

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

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 coach-played 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 by mail.

# A&M, UT to Establish Biomedical Institute

## Formal Dedication Set For Saturday

The University of Texas Medical Branch and Texas A&M are jointly establishing a marine biomedical institute in Galveston with formal dedication set Saturday.

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 President Earl Rudder.

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 Biomedical Institute.

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 environments.

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 institute 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.

The director said a marine study center is also planned where other institutions may perform research in conjunction with The Marine Biomedical Institute.

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 director.

The stroke care unit will be built on the ninth floor of the hospital. The system utilizes a prefabricated 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 administrator,

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 43.

**WEATHER**

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

## Minimum Wage Set On Campus

Texas A&M employees 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 said.

"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 employees partially exempted from the act, such as agricultural workers and seamen who will be paid for all hours worked at straight time rates.

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 employees" are already receiving \$1.30 and that the new rate will apply primarily to irregular wage employees such as student workers.

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

Diebel also reminded employees, 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 calendar year.

## Maritime's Summer School Flooded With Applications

Texas A&M has received 1,150 student inquiries about its 1969 "Summer School at Sea," some 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-

veston, will be made aboard the "Texas Clipper," a 15,000-ton oceanliner which Texas A&M has converted to a floating classroom.

Ports of call on the 13,676-mile voyage are Las Palmas, Canary Islands; Barcelona, Spain; Piraeus, Greece; Naples, Italy, and Funchal, Madeira. The "Clipper" also will make one U. S. stop enroute and return via New Orleans.

Craik said TMA has arranged several top but economical tours in the foreign countries, particularly Greece.

Qualified male students may enroll for two courses in freshman 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 and expenses total \$550 for Texas residents and \$700 for non-residents. The charges include tuition, room and board.

Applications or additional information may be obtained from the Texas Maritime Academy, Texas A&M University, College Station, Texas 77843.

The Avery Mays Construction Company of Dallas was awarded a contract earlier in the month for installation of the unit, Trost said.

Bryan Building & Loan Association, Your Savings Center, since 1919. —Adv.

coordinate system installation with Rosco DeWitt Architects in Dallas, who are responsible for non-system construction.

Associate project director is Russell Stogsdill, also of the School of Architecture, who will

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

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**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.