Nuclear Engineering

(Continued From Page 1) e of the biggest assets of the partment is its visiting profesr, Dr. Curtis G. Chezem, from e Los Alamos, N.M., Scientific aboratory. He adds the otherise missing element making the partment a well-rounded one. The new undergraduate degree rogram available this year for e first time requires only 137 ours, slightly less than other ngineering curriculums. But his degree is not as easy to get s it sounds. Most of the courses quired are in some way related mathematics, so if you are ot so inclined, then the road gets

ret-

ie a

the

ted

ear

the

ever

you in

BUT NUCLEAR engineering is truly the field of the future in engineering. Right now, in 1966, for instance, 65 per cent of all the contracts given by major ectrical plants in the United States were given to nuclear facilities. This fact alone indicates the impact that nuclear enineering will have in the near uture.

"Then, why, among students

VOLKSWAGENS

New & Used
3 — 1965 Bugs
1 — 1964 Bug
1 — 1966 Bug
1 — 1957 Bug
Used Cars Carry
100% Guarantee
Hickman Garrett

Motors

Authorized Dealer 1701 S. College Bryan 822-0146

is there no particular enthusiasm for the field itself?" Dr. Emon asked. "The only answer I can give is that the students are just not informed as to what the opportunities are in the field.

"The masses do not realize the true facts and the importance of nuclear engineering on their future. The Atomic Age is upon us and no one can deny the impact it has already had."

AND THE facilities at A&M are some of the best to be found anywhere in the nation. Students have access to the AGN-201 Laboratory, the Nuclear Science Center, a small accelerator which produces neutrons, and a radioisotopes development laboratory.

And now that the Cyclotron Institute is completed, students will have another research facility at their disposal.

Nuclear engineering does not take a vacation even during the vacation season. Starting concurrently with the Texas A&M summer session will be a nuclear engineering summer institute sponsored by the Atomic Energy Commission. The AGN-201 reactor is in use year-round for the benefit of everyone.

TEXAS A&M was also the site for a National Topical Meeting On Coupled Reactor Kinetics in January. The gathering attracted eminent nuclear scientists from all across the country. The meeting accomplished a far greater task, however, as it proved to the nation that A&M could compete with anyone in nuclear engineering.

Wives of aspiring nuclear engineers at A&M are doing their bit of learning, too. Every fall, Dr. Emon teaches a short course to the wives of nuclear engineering majors to give them a better understanding of their husbands' problems and work. The meet-

Father, Son Now In Viet Service

Two member of the Mims fam- September.

ily of San Antonio like the same South Vietnam.

Second Lt. Forrest M. Mims Lt. Col. Forrest M. Mims, 43, in Vietnam. The young Mims last saw his father before the colonel was assigned in Vietnam last

ings are more of a discussion period than a class, but a film is presented each time. The material is simplified, leaving out most of the higher mathematics so the wives can understand it.

TO SAY THAT the department of nuclear engineering has. a good secretary is to say the least. Her name is Beth Hutchinson and more often than not she manages to practice what she preaches. And what she preaches has to do with being an outstanding secretary because she is the president of the Bryan-College Station chapter of the National Secretaries Association.

So now the small, struggling department has finally started to move. The new undergraduate nam. curriculum alone attracted 10 freshmen and 14 transfers this fall. Dr. Cochran expects the present enrollment of about 50 to double in the next five years.

IT TOOK EIGHT years but era when scientific technology is growing at a rate unsurpassed in history, nuclear engineering is forced to mature rapidly or be left behind in the path of progress and the department at Texas A&M has begun to mature.

Forrest III is the Aggie inthings. Both have the same name, ventor who miniaturized a radio are graduates of Texas A&M and and designed and constructed an live in the same area-Saigon, electronic "seeing eye" device for the visually handicapped.

Lieutenant Mims' father met III, 22, recently joined his father, him on arrival at Tan Son Nhut air base.

> "He helped me get settled," the young Mims said. "Naturally, it's great to be able to see my father once in a while."

The only difference is the Mims' jobs. Colonel Mims is deputy for engineering for the Saigon-based Air Force Regional Civil Engineer, which monitors Air Force construction programs in Vietnam.

The lieutenant is a photo interpreter in the 13th Reconnaissance Squadron intelligence development center at Tan Son Nhut,

Colonel Mims is a graduate of A&M. He attended the universtiy under the Air Force Institute of Technology program and went to Vietnam after assignment at Randolph AFB.

importance of the Vietnam job influenced his son to go to Viet-

Vietnam while finishing his senior year in the AFROTC program at A&M. When he graduated last May, he was commissioned a second lieutenant and finally the pace picks up. In this attended a five-month intelligence school at Lowry AFB, Colo.

> "During the short time we have been together in Vietnam, a closer father-son relationship has developed between us," the father said. "We certainly know one another better."

THE BATTALION

devices, or impact attenuation

devices as they are generally

called, will be conducted under

the direction of I. J. Taylor,

supervisor of the proving grounds,

announced Prof. Charles J. Keese,

The institute's program include

safety-oriented research endeay-

Friday, April 7, 1967

MEMORIAL FRAMED IN BLOSSOMS

executive officer of the institute. sign post and sign windload

studies.

Impact attenuation devices are

located in front of hazardous im-

way to decelerate the speed of

vehicles that are about to collide

with immovable objects so that

the likelihood of injury to drivers

The grant to Texas A&M stems

from a recent feasibility study to

impact attenuation devices by

institute researchers. The study

is being conducted in research for

the Bureau of Public Roads and

the highway departments of 13

states and the District of Colum-

bia and deals with breakaway

The new work, to start immedi-

and passengers is lessened.

College Station. Te as

A&M Gets Grant For In-Service

Teacher Training

Page 3

Texas A&M is recipient of a \$20,820 National Science Foundation grant renewal to conduct teacher in-service training at Tyler and Galena Park, announced President Earl Rudder.

The grant supports 1967-68 geology and astronomy programs at Lee High School in Tyler and geology and oceanography programs at Galena Park North Shore High.

Directed by Dr. Dale Leipper, A&M oceanography professor, the programs will accommodate 25 school teachers per semester from grades 7 through 12, noted Coleman M. Loyd, A&M's NSF programs coordinator.

Class meetings will be held at Lee and North Shore High Schools. Astronomy will be offered next fall at Lee, while geology is under study at North Shore. Spring programs will offer geology and oceanography at Tyler and Galena Park, respectively.

Qualifying teachers will receive stipends to cover books, tuition and travel to attend classes, Loyd added.

Further information and applications are available from him, 105 YMCA, Texas A&M, College Station, 77843.

Students Tour Industrial Plants

Forty chemical engineering juniors at Texas A&M University have been touring industrial plants this week in the Houston area.

The tours included visits to Sinclair Refining Company, Lubrizol Corporation, Rohm and Haas Company, Diamond Alkaili, Du Pont and Champion Paper

CLASSIF

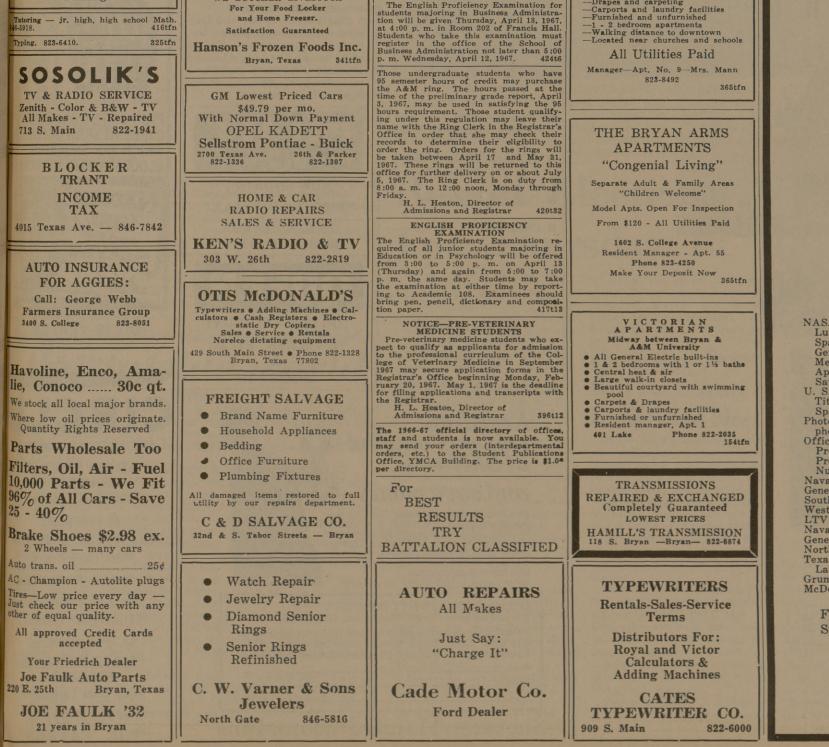


Japanese cherry blossoms frame the Jefferson Memorial in Washington, D. C., in this view of the Tidal Basin. The blooms are nearing their peak of beauty. (AP Wirephoto) near Saigon.

Transportation Institute Gets Auto Collision Study Grant

The colonel's comments on the Protective devices to stop vehicles before they collide with contrivances or special obstacles solid objects adjacent to the highway will be subjected to testing movable objects along the highat the Texas Transportation Insti-

The lieutenant volunteered for tute Safety Proving Grounds under a \$90,000 grant from the U. S. Department of Commerce's Bureau of Public Roads to the Texas A&M Research Foundation. The testing of the protective



UNITED STATES AIR FORCE AEROSPACE PRESENTATIONS TEAM

Lt. Col. James S. Wall Major Dannie R. Hoskins Capt. David L. Fredrick from Air University, Maxwell A.F.B., Alabama

TOPIC: "THE U.S. SPACE PROGRAM"

Friday, April 7, 8:00 p.m., Memorial Student Center

THE PUBLIC INVITED - NO ADMISSION CHARGE

EXHIBITORS:

NASA—Manned Spacecraft Center Lunar Orbiter Satellite Spacesuits—Mercury, Gemini, Apollo Gemini space capsule Mercury space capsule—fullsize Apollo space capsule Saturn rocket U. S. Air Force Titan II missile—full scale Space medicine Space medicine Photographic Society of America—space photographs Office of Naval Research Project Stratoscope Project Skyhook Nuclear Physics Naval Research Laboratory General Dynamics—F1-11 Southwestern Bell Telephone Westinghouse—laser LTV Aerospace Corporation Naval Ordnance Laboratory General Electric North American Aviation Texas A&M Activation Analysis Laboratory Grumann Aircraft Engineering McDonnell Company

FILMS: "Apollo Lunar Mission Profile" "Apollo/Saturn 202 Quick Look" "Destination Moon" "Extravechicular Activity-Gemini IV" "Gemini XI" "Living in Space" "Missile From the Sea" "National Space Program for 1970" "ONE FOR ZERO" "Progress Toward Mach 3" "Project Gemini Mission Review 1965" "Returns From Space" "Roads to the Stars' "Telestar" "The Story of the X-15" "Titan Rocket Power"

Films will be shown continuously throughout the day during the entire Space Fiesta '67 Week in the Memorial Student Center.

> TITAN II MISSLE WILL BE HERE FROM FRIDAY THROUGH TUESDAY WALK THROUGH TITAN MISSILE -PUBLIC CORDIALLY INVITED-