Che Battalion

First Summer Commencement

Abbott Speaks To Graduates

at their freedom to make mis- the former A&M dean declared. kes was limited in this highly losive world.

know the reasons why it was up," Dr. John Paul Abbott tioned 732 candidates for de-IK formal summer commencement.

The distinguished professor eritus of English at A&M consted the 48 years since his raduation in 1925 with possibil-ties of the same time span to

"You will not have the same edom to make mistakes," he made.

Dr. Abbott's references to m simple virtues to the major Abbott concluded. blems of today.

my brother's keeper?" he said.

A veteran educator warned ence to fixed boundaries on the instructor. &M graduates Friday night pollution of land, air and water,

In apparent reference to the times, Dr. Abbott gave this ad-Don't tear down a fence until vice to 84 doctoral, 276 masters and 372 bachelor candidates:

"If you tolerate corruption in yourself and your friends, you es at the University's first will one day find the whole body politic has become cancerous."

"Fences" define the kinds of persons we are, Dr. Abbott re-

"Each of us is unique," he pointed out. "Each of us has a contribution to make. If we do not make it, it may never be

"As you meet these fences, regard them not so much as probnces" or restrictions ranged lems but as opportunities," Dr.

Dr. Abbott retired last year Another fence out there places with professor emeritus designarict limits to the question: 'Am tion. He has been associated with Texas A&M since 1926, joining Idealism may also cause resist- the English Department as an

Dean Hannigan To Be Honored

nigan will be honored Sept. 5 h an appreciation dinner at arcrest Country Club.

A member of the A&M adminstration since 1959, Dean Hannian retires Aug. 31.

"Students, faculty-staff and nds will want to take this optunity to express their appreation to Dean Hannigan," urged loward Perry, associate dean.

The dinner will be at 7 p.m. A ort program will feature repretative speakers of the A&M inistration, students, faculty

lickets at \$6 per person will be lable Aug. 22-31 at the Assoon of Former Students offices the Memorial Student Center. rsons wishing to attend the diner are requested to purchase ekets by Aug. 31.

Dean Hannigan was recently ted in a Board of Directors resution for "distinctive service" the development of this univer- Secretary of the Army.

pace Engineering Department ave been awarded first place the 1973 Bendix Design Com-

The students' design for an un-

nder was chosen by judges in

e competition as the best of 25

The spacecraft design was the

sult of a term project assigned

om throughout the country.

anned, instrumented Venutian sign.

excellent leadership and administrational abilities in coordinating activities of members of the Corps of Cadets and civilian students, and diligently worked to improve the quality of student life," the resolution stated.

The dean came to A&M after serving as deputy commanding general of the U.S. Army Artillery Training Center at Fort Chaffee, Ark. He retired from active Army duty in July, 1959.

A West Point graduate, he holds a diploma from the University of Paris (Sorbonne), attended the British Imperial Defense College and studied international strategy at the National War College in Washington, D. C.

The retired brigadier general was a field artillery battalion commander in World War II. He was also commanding general of the First Armored Division Artillery and Chief of Budget, Control and Management Branch of Occud "immeasurable contributions pied Areas Division, Office of the

associate professor of Aerospace

Engineering and project advisor.

The team members completed the

project for Aerospace Engineer-

ing 401, Aerospace Vehicle De-

by the students represents a pre-

research mission to Venus, includ-

ing a mission event time line,

launch vehicle characteristics,

signs submitted by students liminary study of an unmanned

The 172-page report submitted

He served as dean of arts and sciences from 1949 to 1953 and then served three years as dean of the college. He took leave of absence in 1956 to accept an appointment as program examiner for the Texas Commission on mencements.

Higher Education before returning to A&M in 1957 as distintinguished professor of English.

Dr. Abbott was part of A&M President Jack Williams' plans for retired A&M professors to speak at A&M summer com-

Highway Projects To Move Forward

has signed the three-year \$20 billion federal highway act.

In addition to funds for mass transit, the act also provides \$2 billion for safety projects.

State Highway Engineer Luther DeBerry said replacement of narrow bridges is high on the priority list. Hazardous intersections and rail crossings will also be eliminated as facilities are designed with modern built-in safety

"This act does not solve all our money problems, but even though it is not everything we need here in Texas, it is a good act," said DeBerry.

Highway trust revenues will re-\$200 million in urban funds can be used either for roads or purchase of buses in fiscal 1975. By 1976, all or part of the urban it again).

major highway projects will move buses or fixed rail transit with forward now that President Nixon State Highway Department con-

> July highway bid lettings were cancelled due to shortage of federal funds. Although the federal act's passage will allow the state to proceed with vital projects, De-Berry warned a backlog will remain. Texas has been financing some work with leftover money from previous acts of Congress and with state funds. Texas is among states which sends the federal government more tax revenue from gasoline and vehicle accessory sales taxes than is returned.

Interstate highway construction is financed with 90 per cent highway trust fund money and other federal construction gets 70 percent aid. The new act provides main as they have been in the money for bicycle trails and metpast during fiscal 1974. Up to ropolitan transportation studies. It also permits building the San Antonio North Expressway with state funds (if lawsuits don't stop

Calendar To Be Distributed To Faculty, Staff Members

faculty and staff members Monday through Friday (Aug. 20-

Department representatives may pick up the calendars at the Browsing Library Desk, Room 223 of the new Memorial Student

Departments should limit the of offices rather than number of courses, among others.

A&M's 1973-74 All University people employed, noted Carolyn Calendar will be distributed to Adair, MSC assistant program coordinator.

> She reminded that all student calendar distribution will be through the offices of the Dean of Men and Dean of Women.

The calendar runs from September, 1973, through August, 1974. It lists major student organization activities, athletic Dean and Mrs. Hannigan have number requested to the number events and conferences and short

UPPERCLASSMEN Teri Loomis, Ann Harris and Sally Hamilton show the "Gig

em sign" to incoming freshmen Cynthia Gregg and Rosemary Traverso.

Coeds, Mothers Attend Tea

GALVESTON — Fifty-seven tended a tea here Saturday in the home of State. Rep. Ed Harris (D-Galveston) in honor of A&M Dean of Women Toby Schreiber and Counselor of Women Patricia

The 57 "Maggies" were all A&M coeds and their mothers at- from the Galveston area (Galveston 8, Texas City 15, Port Bolivar 1, Hitchcock 2, League City 5, Friendswood 7, Dickinson 4, LaMarque 3, Alta Loma 3, Alvin 2, Nassau Bay, Webster and Ke-

Revisions Offered For Constitution

A&M made their own recommen- of the areas in which you have dations last Tuesday for Texas Constitution revision in a formal presentation of their report to local politics.

The students, members of two urban planning courses taught the second summer session at A&M by Prof. Claude Davis, analyzed the present constitution and made recommendations for change from a planner's point of view.

On hand for the formal presentation were Sen. W. T. (Bill) Moore, D-Bryan; Rep. Bill Presnal, D-Bryan; Judge W. C. "Bill" Davis; Justice of the Peace Judge B. H. Dewey, and Brazos County Commissioner Bill Cooley.

The student recommendations for constitutional change include four-year terms for the Legislature, joint election of governor and lt. governor, unlimited number of terms for the governor, and restructuring of state boards and commissions.

"I want to commend you on your efforts on this report," Presnal told the students. "More

15 Graduates **Commissioned** Into Army

Fifteen new Army officers were commissioned Friday at Texas

Seven were Regular Army and Eight U. S. Army Reserve second lieutenants, according to Col. Thomas R. Parsons, professor of military science. He administered the oath of of-

fice to most of the new second lieutenants, all scheduled to receive degrees at Friday commencement. "This is an exceptionally large

number of summer commissions, Col. Parsons observed. "It is actually more for our 'off season' than most colleges and universities commission regularly." A&M usually commissions about

130 officers in December and more than 200 at the end of the spring semester. Summer commissions are given to those cadets who complete academic requirements during the period.

Numerous parents, wives and sweethearts were present at the Commandant's Office for the oath taking and to pin on the second lieutenant's gold bars.

Commissioned in the Regular Army were 2nd Lts. Kimball B. Bannister, Old Ocean; Mark A. DeHarde, San Antonio; Robert E. Howard III, Shreveport; Harry E. Meisell, Columbus; Richard J. Ross, Temple; Edward P. Rumold, Phillipsburg, N. J., and Gregory P. Walk, Houston.

Reserve commissions went to Daniel R. Hill, Cat Spring; Richard A. Lambert, College Station; John F. Landgraf, Silsbee; James A. Moore, Houston; Darren G. Owens, Pecos, and Francisco P. Rodriquez, Big Spring.

Urban planning students at time needs to be spent in several

made suggestions, but you have

done a remarkable job consider-

ing the time you had to research

The 23 students worked on the recommendations for six weeks, according to Davis, with research teams working on assigned areas before placing recommendations before the entire class for approv-

"I am extremely pleased with the students' good deportment and mature debate in the process of writing the recommendations," Davis noted. "Everyone got a piece of the action, and I believe everyone got a good insight into the workings of a modern con-

The report prepared by the students came out in strong favor for local Home Rule for counties and municipalities, a position praised by Brazos County Commissioner Cooley.

"I am well pleased with your changes in local government," Cooley told the students. "I think the position you took on the subject would be well received by

The report will be made available to the Texas Constitution Revision Commission, the Governor's Office, and other offices concerned with the pending constitution revision, Davis noted.

The students met in the Harris home at 18 Cedar Lawn Drive South for three hours to meet each other and to learn about coed life at A&M, Mrs. Self said.

"The girls were interested in every facet of life in Aggieland," Mrs. Self noted. "Questions from the soon-to-be freshmen ranged from football and the social sphere at Texas A&M to lifestyles and academics."

The counselor also expects the event to become annual, and she hopes that other cities will hold get-acquainted teas.

The Galveston Aggie Mothers Club assisted Mrs. Harris at the tea as hostesses. Ten of the 30 students who attended the tea will enter A&M this fall.

Holiday Set For Monday

Most A&M employees will have a holiday Monday in observance of the late President Lyndon Johnson's birthday, but all previously announced activities, including delayed registration for the fall semester, will be conducted as scheduled.

A&M President Jack K. Williams announced the modified plan in light of the state attorney general's recent interpretation that Senate Bill 60 designates Aug. 27 as a legal holiday, beginning this year.

Classes will not be affected since the university is between semesters, but Monday is the first day for delayed registration and for adding or dropping courses for the fall semester. These activities, along with various functional services, will be in operation, but most administrative offices will be closed.

Clipper's Cruise Unusual This Year

This summer's cruise of the "Texas Clipper," training ship of ning," he continued, "which came the Texas Maritime Academy and as a surprise to all of us. It ap-Texas A&M, was a little out of pears that they have a determined the ordinary, reports ship's Captain Alfred Philbrick.

Capt. Philbrick said the voyage to the Mediterranean was lengthened by a stop off the coast of Africa to study a total eclipse of the sun. The "Clipper" was adorned with antennas and other gear used in the study.

"We want to emphasize," Capt. Philbrick pointed out, "that the experiments performed on the ship in no way interfered with the training program. It was business as usual for the TMA cadets."

One of the more interesting experiments conducted on the ship, according to the captain, was performed by Dr. Elizabeth M. Kampa of Scripps Institution of Oceanography.

Philbrick explained that Dr. Kampa had set out to determine the effects of the eclipse on the deep-scattering layer, a layer in the ocean of communities of small sea animals.

The small animals make daily vertical migrations to remain within a narrow range of light intensity. As expected, the ani-2nd Lts. Earnest A. Cariker, Garmals rose rapidly when the land; John R. Carmichael, Dallas; eclipse took shape, and descended as the sun reappeared.

The unusual aspect of the study, Philbrick noted, was the fact that the animals did not rise with the coming of dusk, as they usually do.

"They did not rise that evecycle, and once that cycle is complete, they remain at lower depths for at least 12-15 hours."

'Aggieland' Now Available To Students

Aggieland '73 is now being distributed to A&M students who previously placed order for the yearbook, announced Joe Arredondo Jr., editor.

The book contains a record 608 pages but use of a new type paper makes it less bulky than the previous edition.

While retaining its traditional maroon cover with a metallic embossment of the Aggie ring, the new yearbook features a more contemporary design with emphasis on color and special effects,

Arredondo noted. The Aggieland is bing distributed in the Student Publications Office on the second floor of the Reed McDonald Building. Arredondo said a student who ordered the book last year need only present his university identification card to obtain a copy.

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



DESIGN TEAM WINS AWARD - Shown left to right studying Venutain lander m are Roger Leick, Gary Oldham, project advisor Prof. Stan Lowy, and Mike kk. The remaining team members are now employed in the aerospace industry.

Students Win Bendix Awards Six students in A&M's Aero- the students by Stan Lowy, control and propulsion systems, sponsors of the contest, and aerostructural analysis, vehicle conspace engineers from the indusfiguration, and a program plan try. and cost schedule. The projects submitted for the

down on the planet's surface.

representatives of the American

Institute of Aeronautics and Astronautics and Bendix, co-

The students' mission plan calls for lift-off on the Venus vehicle Nov. 10, 1981, covering some 60 million kilometers before setting The design was judged by

contest were judged on the basis of technical competence, organization and presentation, originality, and practical application and feasibility, according to The design team submitted

progress reports to Lowy throughout the semester for counseling and advice. The Venus lander was the best of three designs submitted by the class, Lowy

Copies of the report have been sent to several representatives of the aerospace industry and to NASA personnel. While the study is only preliminary in nature, Lowy feels the study has a sound basis for further investi-

gation in the space program. Members of the award-winning design team include Roger D. Leick, Cuero; Douglas R. Cooke, Houston; Michael L. Slack, Refugio; Clifford J. Massey, Seguin; Gary A. Oldham, Samnorwood, and Don P. Hodge, Arlington, all May, 1973, graduates of A&M.

Leick, who served as group leader; Slack and Oldham will attend graduate school at A&M this fall. Cooke is now employed by General Electric in Cincinnati, Ohio; Massey is with the Boeing Aerospace Co., Renton, Wash., and Hodge is employed by the Army Red River Arsenal, Tex-

The six students will share \$1,000 prize money from Bendix. Lowy said the students had decided to donate a portion of their winnings to the Larry O. Anderson Memorial Scholarship Fund, maintained by the department.