



# The Battalion

Friday — Cloudy, occasional light rain, wind North, 10-15 m.p.h. High 48, low 38.

Saturday — Cloudy to partly cloudy, winds Northerly, 10-20 m.p.h. High 52, low 36.

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## 817 To Receive Degrees In Ceremonies Saturday

### Commissions Set For 88 Cadets

A record 817 students are scheduled to receive degrees during graduation ceremonies at 10 a.m. Saturday in G. Rollie White Coliseum.

Commissioning exercises at 1:30 p.m. Saturday will feature Gen. James K. Woolnough, commanding officer of the U. S. Continental Army Command at Fort Monroe, Va., as major speaker.

Eighty-eight cadets are scheduled to be commissioned second lieutenants, with 61 going into the Army, 21 Air Force and six Marine Corps.

The commissioner of the Texas College and University Board, Dr. Jack K. Williams, will be commencement speaker.

Dr. Williams, top administrative officer for the coordinating board since August, 1966, is a former president of the Council of Academic Vice Presidents of Southern Universities and served two terms as a member of the executive council for the Southern Association of Colleges and Schools' Commission on Colleges.

**BEFORE MOVING TO Texas,** Dr. Williams served Clemson University for almost 20 years, first as a history professor, then as graduate dean and dean of the university until he was named vice president in 1963.

The Galax, Va., native earned the Ph.D. and two additional degrees in political science from Emory University. He also did graduate study at the University of Virginia and the University of Kentucky.

The former Marine Corps officer is the author of several magazine and journal articles on historical subjects. He is a member of the Methodist Church, Phi Kappa Phi National Scholarship Society and various historical associations.

In 1965, Williams was secretary of the Governor's Committee to recommend a system of junior colleges for South Carolina. He organized junior colleges in Sumter and Greenville, S. C.

**GENERAL WOOLNOUGH,** a 1932 graduate of the U. S. Military Academy at West Point, is a former deputy chief of staff for personnel for the Department of the Army.

The general also commanded the 1st Cavalry Division in Korea.

### BATT SCHEDULE

This is the last issue of the Battalion during Dead Week. Next Thursday's edition will be the only issue during Finals Week.

rea. During World War II, Woolnough was executive officer of the 1st Infantry Division shortly after the D-Day Normandy Beach landing in 1944 and assumed command of the 393rd Infantry Regiment, 99th Infantry Division, near the end of the Battle of the Bulge in 1945.

Among General Woolnough's citations are the Distinguished Service Medal with Oak Leaf Cluster, the Silver and Bronze Stars, and commendations from Belgium, France and the Republic of Korea.

**A&M BOARD President L. F. Peterson** of Fort Worth will extend greetings to the graduates, as will A&M President Earl Rudder who also will introduce Dr. Williams and preside over conferring of degrees.

Clarence Daugherty, Corps chaplain, will deliver the invocation and David Wilks, civilian chaplain, the benediction.

Special stage guests include board member Peyton McKnight of Tyler, two former A&M chancellors, Dr. M. T. Harrington and Gibb Gilchrist, and a former acting president, D. W. Williams.

Robert L. Boone, director of the Singing Cadets, will lead the graduates and audience in singing the "Spirit of Aggieland." R. L. Hostetler will be organist.

The "swearing in" ceremonies for Saturday afternoon's commissioning program will be directed by Maj. George Strebeck of the A&M commandant's office.

### Night Watchman, 61, Dies On Duty At Sbsisa Docks

Henry S. Holleman, night watchman for Texas A&M's Food Service Department, died about 6 a.m. Thursday of an apparent heart attack while on duty on the loading docks at Sbsisa Dining Hall.

Mr. Holleman, 61, has been associated with the university more than 21 years. He resided on campus.

The World War II veteran was a native of Normangee but resided in Fort Worth immediately before coming to College Station.

Services are pending at Callaway-Jones Funeral Home.

Survivors include three brothers and a sister.

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



SPHERE DEDICATION SET

Diann Beene, a secretary in the Olin E. Teague Research Center, looks over the eight-foot-high sculptured sphere in front of the center. The sphere, presented by Albritton Engineering Corp. and Reynolds Metals Co., will be dedicated Wednesday. See story, page 4.

## \$100,000 Grant From NASA To Aid A&M Space Research

Texas A&M has received a \$100,000 grant from the National Aeronautics and Space Administration for continuing its program of space-related research.

The program, begun in 1962, has produced a wide range of investigations and findings which have contributed to this nation's space effort, points out Harry Whitmore, director of A&M's Space Technology Division.

NASA funds have been used to form research project teams composed of scientists of different disciplines so that problems could be attacked from a number of angles. The funding has acted as a "pump primer" in that the projects, once begun, have attracted quite a bit of additional support.

"ACTUALLY, we're running between \$400,000 and \$500,000 a year in things associated with the grant and with the Teague Research Center," says Whitmore. The grant aided in establishing the center.

The original grant of \$100,000 for three years in 1962 was largely a result of the work Dr. John Calhoun, vice president for programs. It was raised in 1964 to \$100,000 a year. The total, to date, is \$681,000 notes Whitmore. The payoffs have been in terms

of new knowledge and devices. Currently, a new method of computerized mathematical analysis worked out by A&M's space scientists is being used to study the new design of the Apollo Program's command module. In fact, a broad effort in structural analysis which can be applied not only to spacecraft, but also to a variety of things, is underway at A&M.

SPACECRAFT cost studies at A&M have continued to NASA's program of estimating costs at the Manned Spacecraft Center at Houston.

This week, A&M's Activation Analysis Laboratory in the Teague Center began work on analyzing titanium, a strong, light metal used in spacecraft design.

Work at the center continues on methods of accelerating small particles to very high speeds so that the effect of meteoroid impact on spacecraft can be determined.

An investigation of the mechanical properties of solid rocket propellants occupies another interdisciplinary team.

One payoff has been A&M's production of realistic air gust effects on a prototype scale. This,

says Whitmore, applies both to aircraft and to missiles resting on launch pads. Full-scale tests in the university's large wind tunnel may be in the offing.

INTERESTING data has come from a program of analyzing propellers. This applies directly to the intense government and industry developmental work in vertical take-off and landing aircraft.

The grant has contributed to the carrying out of some other projects in basic science.

Texas A&M and the Southwest Center for Advanced Studies near Dallas are collaborating in the fabrication of huge "rocking chair" detector telescopes which will help study cosmic ray particle products called muons. A detector similar to one on the A&M campus is to be placed in a tunnel in the Alps.

Also being studied at A&M are the possibilities of using extremely low temperatures to orient the nuclei, or cores, of atoms.

Research with plasmas, extremely hot gases, continues under the program.

First Bank & Trust now pays 5% per annum on savings certificates. —Adv.



FIRST 100-MILERS

Joan and Ernest Uken made their running in the Texas A&M 100-Mile Club a family project. The nuclear physicist and former "Miss South Africa" received a certificate for jogging 100 miles. Physical conditioning is the club's purpose.

## Researcher, Wife First '100-Milers'

A nuclear physicist and a 1966 "Miss World" finalist were the first 100-Mile Club members at Texas A&M to run 100 miles.

The husband-wife team, Mr. and Mrs. Ernest A. Uken of Johannesburg, South Africa, "raced" about 90 other 100-mile aspirants to reach the running goal.

Dr. Carl W. Landiss, head of the Health and Physical Education Department which sponsors the club, presented the Ukens 100-mile certificates.

"We ran about three miles a day and 15 to 20 miles a week," explained Uken, head of a neutron activation lab at the South Africa National Institute for Metallurgy. He is on leave of absence from the branch of South Africa's Atomic Energy Board to participate in research with Dr.

Richard E. Wainerdi in A&M's Activation Analysis Research Laboratory.

His wife is the former Miss Joan Carter, "Miss South Africa" of 1966. The striking blond beauty was one of 15 finalists in the Miss World contest at London in November, 1966.

They ran the 100 miles on country roads near their South College Station apartment, sprinting to the club goal in about three months.

"We didn't run every week," Uken remarked. "Last week, we missed the ice and cold while making a trip to California."

The slender scientist, a South African Army captain, and his wife plan to keep on running, even when they return to Johannesburg in late February.

"The idea is that a club member should have established a physical conditioning routine of running by the time he has completed 100 miles," explained Dr. John M. Chevrette, assistant professor of health and physical education.

"We hope he'll still be running some each day when the club is forgotten," Dr. Chevrette added.

He said persons interested in becoming 100-Mile Club members should contact him at Room 221, G. R. White Coliseum, to have their name placed on mileage charts.

There are no dues, meetings or obligations. Just running.

## Radar Installation To Aid City Police

College Station police have installed radar to cope with potential speeders.

The radar will have a range of 1500 feet on cars and 4,000 feet on trucks and buses, and will be operated on all major streets inside the city limits.

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

### Collegian Comment

## Council Nixes Clothing Regulations: What's Your Opinion?



**Tommy Loosier,** Freshman from Bryan: "I don't believe in the school being able to tell a student what to wear. . . It has to come from the person himself at this late date."



**Tom Curl** Sophomore journalism major: "I don't like extremes in appearance, but I also don't like rules that tell me how I have to dress. College students should be mature enough to dress properly without being ordered to."



**Jane Mills,** Freshman journalism major from Bryan: "It is my opinion that it is each individual person's business what he wears. But I agree that there should be basic rules."



**Jerry Gentry** Freshman architecture major from San Antonio: "I am against the clothing regulation and support the council's action. A university is a place to express yourself and your clothing is one form of that expression."



**Bob Hale** Junior chemical engineering major: "The action was at least good in that it should bring the issue of clothing regulations to a head. . . I do think that students should give the administration some idea of the views of the majority through an election."



**Richard Simpson** Sophomore civil engineering major from Bastrop: "There should be no clothing regulations unless the clothing worn by many becomes obnoxious to the majority. No one should tell another what to wear unless the wearing of shabby clothing gets out of hand."



**Don Winkler** Junior mechanical engineering major from Houston: "I feel that dressing habits on campus are definitely related to A&M's image and if students do not take it upon themselves to dress neatly, some regulation is needed."