



# The Battalion

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## A&M Consolidated Opens Tuesday

### Rudder Assumes New Duties As President Of A&M System

Texas A&M President Earl Rudder assumed duties as chief administrative officer for the state-wide A&M System Wednesday.

The joint position of university and system president was created by the Board of Directors last spring. Rudder replaces Dr. M. T. Harrington, who served as chancellor since 1953.

"Texas A&M is greatly indebted to Dr. Harrington for his contributions over 41 years of service," Rudder commented. "I am pleased to follow in the steps of this great man."

### Lindsey Named Central Chief Of Information

Information programs at Texas A&M are being reorganized with Jim Lindsey, director of University Information, named chief of the state-wide program.

A&M President Earl Rudder, who also became president of the A&M System Wednesday announced the changes. He said reorganization would provide "better flow of information about A&M and its activities to the people of Texas" and eliminate duplications.

Lindsey, a 21-year newspaper veteran, came to A&M in 1962 from Midland where he was managing editor of the Reporter-Telegram for 10 years. He spent a decade on the San Angelo Standard Times, after graduation from Texas Tech, holding every editorial position there from reporter to managing editor. He was assistant managing editor for the San Antonio Express-News for two years.

Activities brought under his supervision include the Agricultural Information Office which disseminates releases and publications on agricultural research and educational programs; the sports information program, and Texas Forestry Service activities. The System Information Office, a staff section for the chancellor, will be consolidated with university information and publications, Rudder noted.

Rudder called Lindsey "one of Texas' outstanding newsmen." "Mr. Lindsey is known as a man who gets the job done," Rudder commented.



MAKING SOMETHING HAPPEN  
Halfback Jim Stabler takes a handoff from quarterback Eddie McKaughan as Texas A&M opened fall football practice Wednesday. Stabler and McKaughan are being counted on to help restore A&M's football fortunes. (See story on Page 5).

### Registration Is Tomorrow At High School

Vacation ends Tuesday for about 2,200 local students, as the A&M Consolidated schools begin the 1965-66 school year.

School will convene at 8 a.m., with first graders to be dismissed at 1:30 p.m., grades two through four at 2:30 p.m., fifth grade at 3 p.m., and junior high and senior high, 3:11 p.m.

Registration for Lincoln and A&M Consolidated High School will be conducted Friday. Lincoln students may register anytime Friday, according to Superintendent W. T. Riedel. Consolidated seniors enroll at 8:30 a.m., juniors at 10:30 a.m., sophomores at 1:30 p.m. and freshmen at 2:30 p.m.

The local district will be operating on a record \$905,220 budget approved by trustees Monday night, with \$364,230 coming from College Station taxpayers.

Tax rate has been set at \$1.15 per \$100 evaluation in order to raise the local portion.

Board president John Longley said Monday night that the district will have to borrow \$100,000 within the next two weeks to meet upcoming expenses.

The new budget is an increase of \$236,710 over last year's \$768,510.

Budget expenditures for 1965-66 include:

- Administration, \$47,064; last year, \$30,000.
- Instruction, \$606,808; last year, \$536,217.
- Health service, \$200, same as last year.
- Pupil transportation, \$25,275; last year, \$21,560.
- Plant operation, \$50,200; last year, \$41,680.
- Plant maintenance, \$23,428; last year, \$18,028.
- Student activities, \$6,000, the same as last year.
- Fixed charges, \$8,200; last year, \$4,600.
- Capital outlay, \$27,445; last year, \$11,385.
- Debt service, \$110,600; last year, \$79,500.

The district lowered its tax rate from \$1.95 to \$1.15 per \$100 valuation, but raised evaluation from 40 to 80 per cent of market value.

School trustees Monday night also hired five new teachers: Mrs. Erma Jo Welch, second grade; Mrs. Angelyn Bassinger, fifth grade; Mrs. Patricia Huebner, third grade; Ernest Sebasta, eighth grade, and Norville Northcutt, parttime high school algebra.

Estimated enrollment in Bryan-College Station schools is expected to reach 20,600. Bryan schools got underway today, with about 8,000 students expected.

### Graduate College Gives 110 Degrees, Sets New Record

Texas A&M reached a milestone this week in its drive to achieve educational excellence.

For the first time in its 89-year history A&M awarded more than 100 doctoral degrees in a 12-month period.

Dr. Wayne C. Hall, dean of the Graduate College, revealed that A&M conferred 110 doctors of philosophy degrees and five doctors of education degrees within the past year.

Previous record for doctorates in 12 months was 69 in 1964.

"Texas A&M is emerging as a graduate school," Hall noted. "This 100 milestone is not just a flash in the pan. Our goal is to produce 200 doctorates annually by 1975."

He announced a short range goal of 2,500 graduate students by 1970.

"Enrollment in the Graduate College will increase strikingly in the next five years," Hall predicted. "A&M's enrollment is based on quality students. Our graduate students fare better than the national average on admission examinations."

More than 4,000 applications for admission to the Graduate College were processed for the fall term at A&M, the dean said.

"Our percentage of growth in graduate programs has been equal to any university in Texas in the past five years," Hall continued.

Twenty years ago, in the Fall of 1945, only 63 persons registered for work toward masters and doctors degrees.

Rapid gains in graduate enrollment followed World War II and by Sept. 20 A&M's post baccalaureate registration will approach 2,000.

"There is a nationwide awareness that industry builds around the brain centers of the country," he continued, citing as examples the MIT-Harvard complex in the East and the Stanford-California-California Tech complex in the West.

Dean Hall said A&M's claim of a strong graduate school is well founded.

"A good check is the type leadership positions graduates take," he explained. "Many students receive attractive employment offers months before graduation."

Emphasizing A&M's international reputation as a Graduate College, Dean Hall said, "We have a high percentage of students from other states and foreign countries working toward advanced degrees. A&M offers more than 90 masters and 50 doctoral programs."

For those who plan to pursue post baccalaureate programs Hall offers these tips: Get a good liberal arts background, particularly in languages and social fields; make superior grades; and become involved in creative processes . . . thinking, writing, speaking and research.

### Educational TV Program Is Only Seven Months Old, Already Has Growing Pains

Texas A&M's seven-month-old educational television (ETV) facilities are already planning major expansion.

Ready for use in September are 36 TV classrooms in three buildings and the central facility.

Fifty more sets are on order to expand the closet-circuit system, George H. Shearer Jr., said. In February he was named engineer for the campus TV system.

"Everything we have is the finest equipment money can buy," Shearer said. "Classroom picture quality is better than reception from a regular TV station."

An ultra high frequency TV station may be operational "within possibly three years," he stated. This station would serve area schools as well as the university community, he observed.

A proposal to retransmit programs of the ETV station operated by the University of Houston, is pending before the FCC.

Shearer said the retransmission signals would have a range of about 20 miles from College Station. Units for the retransmission system have been donated to A&M by the Continental Electronics Division of Ling-Temco-Vaught.

This fall courses in accounting, biology, English and psychology will be televised.

Classroom sets can tune into four channels: 5, 8, 10 and 12. Channel 5, as an example, will be used for psychology course programs.

"We can run all four channels at the same time if needed," Shearer pointed out.

The new system links classrooms in three buildings to the ETV facility in Bagley Hall. Videotaped or live telecasts will originate there. A portable camera will be used as required.

Assisting Shearer is Donald Kent, a full-time technician. Shearer plans to employ several Aggies part-time.

### A&M BUILDING PROGRAM GETS \$2,861,871 BOOST

Texas A&M Tuesday received \$2,861,871 in building funds from the Commission on Higher Education.

Meeting in Austin, the commission approved \$1,218,993 for the Texas A&M library; \$1,247,953 for the College of Veterinary Medicine; and \$394,925 for the Biological Sciences Building.

"These funds represent a big boost in our program to expand facilities to meet the challenge for excellence in higher education," A&M President Earl Rudder said. He and other university officials attended the commission session.

More than \$3,000,000 will be spent to enlarge and modernize Cushing Library. The \$2,500,000 addition to the Biological Sciences Building has been stated to house additional graduate classrooms and laboratories.

Expanded veterinary medicine facilities will permit enrollment of more students.

Value of A&M's physical plant now exceeds \$80,000,000.

### Konecny Appointed To Institute Post

F. J. Konecny, assistant director of the Texas A&M Engineering Extension Service since 1963, has been appointed assistant director of the James Connally Technical Institute at Waco.

Announcement of Konecny's

appointment was made Wednesday by Dr. Roy Dugger, director of the institute.

Konecny will work on the administrative and planning staff in making a survey of Texas businesses and industry to determine most needed technical programs.

First class of 50 to 100 students is slated to begin in the Spring of 1966 at James Connally Air Force Base, scheduled to be deactivated by Jan. 1.

Konecny earned a master of education degree at Texas A&M in 1940. He also holds a bachelor of science degree in mechanical engineering from A&M.

A native of Bryan, Konecny joined the Engineering Extension Service in 1955 as executive assistant and head of the Vocational Industrial Teacher Training Program. He was assistant state supervisor and chief consultant for the Trade and Industrial Education Division of the Texas Education Agency during the previous ten years.

During World War II Konecny was a lieutenant colonel in the Air Force. He served as plans and training officer for the Eighth Air Force in the European Theater and Brookley Field Air Depot, Mobile, Ala., and as training officer for the Air Force Personnel Distribution Command.

### Chemistry By Telephone To Be Offered In Fall

Texas A&M will offer two graduate-level chemistry courses this fall by telephone.

In a joint venture with Southwestern States Telephone Company, A&M will conduct courses for industrial chemists at Corpus Christi and Freeport.

Lectures will be transmitted complete with handwritten equations, formulas and diagrams.

A 90-minute course in inorganic chemistry will be transmitted twice a week via telephone to chemists at Pittsburgh Plate Glass Company in Corpus Christi. Physical chemistry will be taught in the same manner twice each week to Dow Chemical Company employees in Freeport.

Simultaneously, each course will be transmitted to a classroom of graduate students at A&M.

Southwestern States Telephone installed a communications system at A&M which transmits written data through conventional telephone circuits for visual display before an audience.

Termed "blackboard-by-wire," the system utilizes an electronic writing unit. Handwriting produced on the master unit is transmitted over telephone circuits in

the form of voice-frequency electrical tones to a receiving unit within the remote classroom, where it is projected on a display screen.

Dr. Bruno J. Zwolinski, head of the Department of Chemistry, said the system "makes it possible for graduate students to obtain advanced training while actively employed within industry—without the need for prolonged travel on the part of either the students

or the instructor."

Dr. Ralph A. Zingaro, professor of chemistry, will teach inorganic chemistry and Dr. Alfred Danti, associate professor of chemistry, will teach physical chemistry.

Classes begin Sept. 20.

Lecturers will use two telephone circuits to address classes at Corpus Christi and Freeport from a special studio at A&M. One circuit is for the voice transmission via a conventional speakerphone, while the other transmits the written material.

The electronic writing unit used in the A&M program is an Electrowriter device manufactured by Victor Comptometer Corporation. Written transmission is received by units within Corpus Christi and Freeport conference rooms and projected onto display screens.

Loudspeaker systems amplify the lecturer's voice within the conference rooms as industrial chemists view "blackboard" material. When questions arise, two-way conversations can be conducted with the lecturer through the voice circuit by means of microphones.

### Industrial Development Conclave Set

Two hundred and seventy-five Texas industrial leaders are expected to attend the 15th annual Texas Industrial Development Conference September 16-17 at Texas A&M.

Conference Director James R. Bradley, head of A&M's Industrial Economics Research Division, said top men from utility companies, banks, railroads, chambers of commerce and realty companies have been invited.

The conference, "Challenge of Change", is sponsored by A&M and the Texas Industrial Development Council.

A&M President Earl Rudder will welcome the delegates.

Program Chairman Robert B. Seal, assistant vice president of Republic National Bank in Dallas, announced speakers including Dr. Stephen Sutherland of the University of Oklahoma; F. J. Spencer of Houston Research Institute Inc.; W. Randolph Burgess, chairman emeritus of the executive committee of National City Bank of New York; R. A. Goodson, president of the Missouri-Kansas-Texas Railroad; and Ray Sydansk, (cq) general manager for real estate, Armstrong Cork, Lancaster, Pa.

Harry W. Clark, executive director of the Texas Industrial Commission, will report on commission programs in advertising, export expansion and community development.

### Head Yell Leader Junior Sweetheart Married In Temple

Joseph Kerr Bush Jr., head yell leader at Texas A&M for 1965-66, was married Saturday night in Temple to Miss Carol Vickie Mikulas.

The couple left for a wedding trip to Mexico and South Texas. After the honeymoon, they will live in College Station where Bush will be a senior accounting major.

Martin Hefley of Port Arthur was best man. Groomsmen were Jimmy Jones of Loveland, Jerry Mikulas Jr., brother of the bride, and Jimmy Coufal of Temple.

The bride was Junior Class Sweetheart at A&M last year.

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