



# THE BATTALION

Volume 59

COLLEGE STATION, TEXAS THURSDAY, JUNE 30, 1960

Number 124

## Replaces Page Hall Named Graduate Dean

Dr. Wayne C. Hall, head of the Department of Plant Physiology and Pathology, has been named Dean of the Graduate School, President Earl Rudder announced today.

Hall came to A&M in 1949 from the University of Kentucky, where he was assistant professor and acting head of the Department of Botany. He came to A&M as an assistant professor and was promoted to associate professor in 1951 and was made professor in 1954, and in 1958 became professor and head of the Department of Plant Physiology and Pathology.

He succeeds Dr. J. B. Page as graduate school dean. The position of dean of the college, which was also held by Page, has not been filled. Page will join Iowa State University as dean of the Graduate College.

### Committee Worker

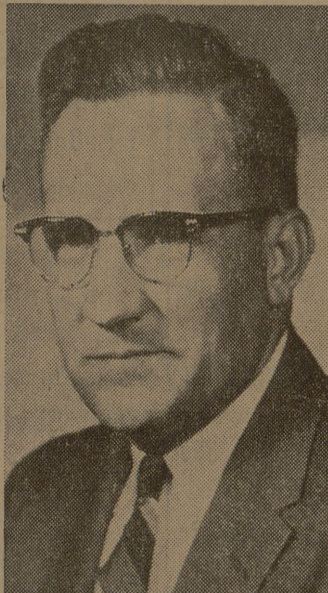
Since coming to A&M, he has served as a member of the Committee on Graduate Instruction, School of Agriculture; member of the Graduate Council; a research project leader for the Texas Agricultural Experiment Station; a collaborator with the Cotton and Cordage Fibers Research Branch and with the Southern Utilization Research Branch of the U. S. Department of Agriculture, and in 1955 was recipient of the first Faculty Achievement Award for the Outstanding Teacher doing research.

Dr. Hall is 41 years of age. He was born in Montana and was educated in Iowa. He received his B.S. degree from the State University of Iowa in 1941, and did graduate work at the University of Chicago in 1942. However, he received his M.S. and Ph.D. degrees from the State University of Iowa in 1946 and 1948 respectively, with honors.

From 1942 to 1946 he served with the U. S. Navy, and was discharged to inactive reserve with the rank of Lieutenant Senior Grade (Line). He saw active service in the Atlantic, European-African and Pacific Theaters of Action and received theater ribbons with six battle stars, the Purple Heart and unit citations.

### Many Memberships

Hall holds memberships in many scientific and honorary societies, including the Botanical Society of



Wayne C. Hall  
... takes new post

American, American Society of Plant Physiology, member of Executive Committee, 1957; secretary, vice president and president of the Southern Section of American Society and Plant Physiology, 1955-57; member of board of directors, 1959; Scandinavian Society of Plant Physiology, American Phytopathological Society; Sigma Xi, vice president and president of A&M Chapter, 1956-57; Phi Kappa Phi, treasurer, A&M Chapter, 1958-60; vice president, 1960; American Institute of Biological Sciences, American Assn. for Advancement of Science.

### Two Grants

Hall has a five-year grant with the National Institutes of Health and a three-year Atomic Energy Commission research contract.

He is author or co-author of 75 scientific papers, reviews and laboratory manuals in the field of plant physiology or plant biochemistry and consultant to the Division of Experiment Stations, USDA.

The Halls live at 1204 Winding Rd., College Station, and have two children, Janice, 15; and Randy, 13.

# Board of Directors Approves Contracts, Accepts Funds

## Fire Training Area Named for Brayton

Directors of the A&M College System, meeting here Saturday, honored the late Col. H. R. Brayton, pioneer in the training of Texas firemen, by designating the Texas Engineering Extension Service's new firemen's training area the "Brayton Firemen Training Field."

Col. Brayton, who died in 1957, began offering short courses for the training of Texas firemen in 1930, while he was a member of the Department of Chemistry staff at A&M.

Beginning the training program with less than 20 students, Col. Brayton, before his retirement in 1955 from active direction of the firemen's training program, saw the program expanded to an annual firemen's training school at A&M, plus off-campus training courses that were statewide in scope.

During his tenure as director of firemen's training for the Industrial Extension Service of A&M, and later the Texas Engineering Extension Service, Col. Brayton directed the training of an estimated 50,000 Texas firemen. These men attended schools on the A&M

campus and at locations scattered over the state.

For the first 18 years of his service, Col. Brayton and one itinerant fireman training instructor, carried out the entire program of instruction for Texas firefighters other than the few large city courses operated by city departments.

Success of Col. Brayton's training program for firemen resulted several years ago in insurance credits of from three to five per cent in key rates for fire insurance being granted to communities whose firemen received training at the annual schools conducted on the A&M campus and over the state.

### International Recognition

The Texas program has also received international recognition as a model for development of trained firemen, and during the past five years it has been expanded to include the training of Civil Defense and disaster relief rescue instructors and team members.

The annual firemen's training school of the Engineering Extension Service, at Collge Station, held each July now attracts about 1,500 men, from Texas departments and from out-of-state city fire departments, and from industrial and governmental installations.

### 1,600 Attend in 1959

Last July's school drew some 1,600 student firemen, instructors, and administrators concerned with firefighting departments to the campus, from Texas and 16 other states, plus firemen from Mexico, the Netherlands and Canada.

This year's annual summer school will be held July 18-22, at the newly completed training area near Easterwood Field, the A&M college airport.

The training area includes facilities for training firemen in fighting both residence and industrial types of fires, plus a model village for use in Civil Defense and disaster relief crew training.

## Rose Resigns TEES Post For New Job

Dr. Aaron Rose, director of the Texas Engineering Experiment Station, has resigned his position here, effective the latter part of August, to accept a technical administrative position with the United Technology Corp., Sunnyvale, Calif.

The company is a wholly owned subsidiary of United Aircraft Corp.

Rose became director of the Texas Engineering Experiment Station, a part of the A&M College System, June 1, 1958, coming to College Station from the Olin Mathieson Chemical Corp., Niagara Falls, N. Y.

## Stations, Services Under Rudder

The A&M College System Board of Directors meeting here Saturday approved several actions and recommendations, awarded contracts and accepted funds from private sources totaling \$216,268.05.

The Board authorized that, effective July 1, the Texas Agricultural Experiment Station, Texas Agricultural Extension Service, Texas Engineering Experiment Station, Texas Transportation Institute and Texas Engineering Extension Service shall be under the supervision of President Earl Rudder, reporting through him to the Chancellor of the System.

Directors granted authority to negotiate a ROTC flight training contract to

## Plans Readied For Interracial Bible School

Teachers and workers in the interracial Bible school met for a training session Wednesday morning in the A&M Christian Church.

Miss Ethel Steen and Mrs. Howard Morton will be co-superintendents of the school and Mrs. Tom Shepherd will have charge of curriculum.

Enrollment will be limited to 150 to prevent overcrowding in the A&M Methodist Church, where the Bible school will be held July 11-15, said Mrs. Morton.

The school will be sponsored for the second consecutive year by the Citizens Fellowship, a local organization devoted to promoting understanding and cooperation among people of all races.

Last year's school, which was held in the First Baptist Church of College Station, had an enrollment of more than 200 students, said Mrs. Morton.

Theme for this year's school will be "My Father's World." Classes will be provided for children in the beginner, primary, junior, and intermediate departments. High school students will have an opportunity to help with recreation and other activities, and children of teachers will be cared for in the nursery, Mrs. Morton said.

Parents and prospective workers may obtain enrollment forms at local churches or by calling Mrs. Morton at VI 6-5887 and Miss Steen at VI 6-5182.

Contributions of materials and refreshments are being made by interested individuals and groups in the Bryan-College Station area, added Mrs. Morton.



Miss Frances Carr  
... sings next Thursday night in MSC

## In MSC Presentation

# Mezzo - Contralto To Sing Thursday

A beachcombers theme will set the atmosphere for persons attending next Tuesday night's dance in the Memorial Student Center Ballroom, and Frances Carr, mezzo-contralto from Austin, will give a vocal recital of light and semi-classical music Thursday—two of the top events scheduled for next week on the MSC Summer Entertainment agenda.

There will be no "Afternoon of Free Films" Sunday, July 3.

The dance, to be in the Ballroom from 8:30 to 11:30 p.m. Tuesday, July 5, will have a special beachcombers theme. Music for the affair will be played by the Aggie-Land Combo.

Miss Carr, minister of music at the University Baptist Church in Austin, will bring a thorough musical background as part of her qualifications when she appears at 8 p.m. Thursday in the Main Lounge.

She holds a master of music de-

gree from Westminster Choir College in Princeton, N. J. While attending Westminster College, Miss Carr sang with the famous Westminster Choir.

A popular artist in this area, Miss Carr has also performed with the University of Texas Symphony Orchestra and the University of Texas Opera Work Shop.

Included in the feminine artist's program Thursday night will be a group of Spanish folk songs by Manuel de Falla and two arias from Carmen by Bizet.

There is no admission charge for Miss Carr's presentation.

## To Study Weather Forecast Improvement

# Meteorology Gets New Grant

BY JOHNNY JOHNSON  
Battalion Editor

Weather forecasting will become a purely objective science if research being done by the Micro-meteorological Section of the Department of Oceanography and Meteorology and other groups across the nation bears fruit.

The A&M group has just received a \$99,478 contract from the U. S. Army Signal Supply Agency for continued study in the field of objective meteorological forecasting. For the past four years the group has been doing research on the same problem under similar contracts from the U. S. Army agency.

### Under Dr. Clayton

Under the direction of Dr. William H. Clayton, the new project calls for the construction and

field testing of a special purpose meteorological forecasting computer.

The field testing will start Aug. 15 at 10 station near the KRLD-TV transmitting tower at Cedar Hill, Tex. Before field testing can begin, an automatic sampling station must be constructed to be used in conjunction with a similar machine already constructed, Clayton said.

### A&M Group Most Active

Although this type of research is being done by several groups in the United States, the A&M group is the most active and has the most experience in the field, said Clayton.

Already being used on a limited basis by the armed forces, the new weather forecasting method will

eventually take the human chance of error out of forecasting and make it similar to the solving of problems by the digital computers in the Data Processing Center, said Clayton.

"... many formulas ..."

"Before this objective is reached, many formulas must be worked out and proved which is what we are attempting to do," said Clayton.

At present Clayton and his group are using a computer which uses 46 equations at 12 levels, which means it uses 552 formulas and even more formulas must be discovered, according to Clayton.

"... only way ..."

"The only way we are going to be able to make definite weather forecasts that are accurate is to

perfect the method we are working on," said Clayton.

When the method is perfected, anyone can feed data on weather conditions into the machine and it will do the forecasting, said Clayton.

### Last One Year

The current program will last approximately one year and will employ about eight men and the Cedar Hill testing sites at various times, Clayton said.

During the past four years some of the work done on the project has been on the campus. The climatic tower erected during early 1959 on the civil engineering lab grounds northeast of the System Administration Building was part of the study. The group also uses the only mobile weather sampling station in existence.

### Funds Accepted

Of the total, \$216,268.05 in funds accepted, the Texas Agricultural Experiment Station received \$53,956.39, of which \$46,420 was for 23 grants-in-aid for agricultural research. Six gifts amounting to \$3,336.39 and three loans of equipment and livestock, valued at \$4,200, were also accepted for the Station.

A&M received 10 grants supporting scholarships and fellowships, amounting to \$15,136.66. The college also received three grants-

(See BOARD on Page 4)



## Congratulations for Award

Klalilur Rahman, left, president of the A&M Chapter of the Pakistani Students Assn. of America, receives congratulations from President Earl Rudder after returning from the seventh annual convention of

the association where the A&M chapter was named outstanding in the nation. Rahman is holding the plaque awarded the group. See story on Page 4.