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**Receives Commendation Medal** sor of military science at A&M was present-

Col. Frank L. Elder, left, receives the Army ed upon Col. Elder's recent retirement. A Commendation Medal from Fourth U. S. 1933 graduate of the U. S. Military Acad-Army Commander Lt. Gen. Carl H. Jark. emy, the colonel left the Army after 30 The award for meditorious service as profes- years of active duty.

# **Full Story About Statistics Explained By Institute Head**

'statistics" to the average tion and engineering are among group is concerned," Hartley said lexan and he probably thinks of those who have studied statistics. I cartoon showing two men look- The Institute, which is beginning of the Institute. Or. R. J. Freund, associate direc- We are the only institution in The 4-H competition was held through through the first through through the first through through the first through through through through the first through thro

ng at a sales graph. The full story though is that tions, brings together these studies, his first year on the campus. statistics touch the daily life of offers new courses and also has Other members of the faculty in- the second west of the Mississippi Thursday through Saturday. The The spokesman said the method Monday at 4 p.m. and Tuesday and Institute of Statistics, said. The far as a rounded, comprehensive who holds a joint appointment.

nternationally-known statistician arrived this summer to assume directorship of the Institute.

The Institute faculty does teachng, research and consultation. The raduate program leads to the M.S. nd Ph.D. degrees in statistics, the rong research program in statiscs is in part sponsored by federal gencies, and Institute members ender a campus-wide consulting rvice in statistical methods.

THE EXPRESSWAYS urban wellers use, the crops or cattle ised in the country and counts manufactured products depend a varying degree upon statistical

Hartley cites the space effort, ology and medicine, and ecoomics as other fields in which statisticians cooperate with subject atter area scientists.

"The statistician today," he said, elps design experiments, interets the data, and sets forth the sults so as to make it easier to ach reasonable decisions for

The A&M professor offers as one efinition of statistics: "It is the ence of trying to make sense out ariable answers.

the first year of complete opera- tor of the Institute, is completing the South to have this doctoral at the same time as A&M's third detailed biographical sketches The course, designated Physics

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LABOR DAY

Monday September 2

## AT 1ST HORSE SHOW **3 County Youths Net Twelve Points**

county during the first annual the show's fifteen events. State 4-H Horse Show held here James Butler of College Stati last week

#### **First Doctorates** In I.Ed. Conferred **By A&M Thursday**

Two young men Thursday bethe Doctor of Education degree in industrial education at A&M. Direct the transfer of the third place mare. The effort was worth

They are Wendell Lilburn Roy, a native of Millsap, Texas and Clif-ford Eugent Strandberg, a native of Hutchinson, Kan. Roy taught at took fifth place in the class for North Texas State University be- registered geldings under three fore coming to A&M to commence his doctoral program, and Strand-berg taught industrial arts at the County won first place with his Turner, Kan., high school before mare Royal Sandy. coming here.

The diplomas dated Thursday

Approximately 430 candidates for degrees were listed earlier by the registrar's office.

The doctoral program in industrial education was begun at A&M in September, 1961, following ap-

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Brazos County 4-H club mem-, The points were earned by three bers amassed 12 points for their young county horsemen in three of

> won first place in the halter class for registered mares under three years old. His mare Chanza Linda,

JAMES IS the son of Dr. O. D. Butler, head of the Department o

In the class for grade came the first persons to receive under 14 hands, Robert Olden of

four points toward the country

Bob Franke of College Station yoars old. In the same class James

In other competition Harkrock will in time be mailed, as A&M Candy, shown by George Chappell of Kaufman County, was named The champion showman in the first time this fall. show was Paul Horn of Fort Bend

THE SHOW HOSTED 212 con- the development of astronomy, explosive progress. testants from 39 Texas counties. physics, chemistry, technology and proval by the Texas Commission on Higher Education. Officials said each horse entered an average of five classes. Officials said each horse entered an average of five classes. Officials said each horse entered an average of five classes. Officials said each horse entered an average of five classes. Officials said each horse entered an average of five classes. Officials said each horse entered an average of five classes. Officials said each horse entered an average of five classes.

degree in industrial education and annual Horse Short Course, held wherever possible.

intually every Texan, Dr. H. O. launched the program of research. clude Dr. R. R. Hocking, Eugene River," Dr. Chris H. Groneman, short course was sponsored by the of presentation was chosen as the Thursday at 11 a.m. Students who

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THE BATTALION

Thursday, August 29, 1963

James Butler, son of Dr. O. D. Butler, head of the Department of Animal Husbandry, took first place in the class for registered mares under three years old at the last week 4-H horse show. The mare, Chanza Linda, was one of three Brazos County entries to earn points in the show.

### Physics To Offer History, **Philosophy Course In Fall**

The Department of Physics will, 1. To give the prospective scienthe champion horse of the show by offer a course in History and Phi- tist a basis for deciding to enter winning 17 points in four classes. losophy of Physical Science for the the scientific profession.

2. To teach scientific method. According to a department not as a system of logic, but as spokesman the course compares the art which has given us such

327, is tentatively to be offered be eligible to attend

Hartley, director of the Graduate "This is the first in Texas inso- Dayhoff and Dr. J. D. Williams, head of the department, said Department of Animal Husbandry best way to meet the three objec- have completed Physical 220 will and the College of Vet. Medicine. tives of the course: Long Week End for Outdoor Fun! Coffee Maryland Club. New "KEYLESS CAN." All grinds. (Edwards Coffee, 1-Lb. Can 63¢) Redeem this Coupon for IOO FREE **GOLD BOND STAMPS** Pork & Beans Highway. Delicious and economical. 5 No. 494 This Coupon Worth 25 FREE GOLD BOND STAMPS Shoestring Kobey's Shoestring Potatoes. Perfect for the family outing. 5 No. 49¢

Researchers in virtually all fields ce the problem of variables in experiments THE RESEARCHERS also have

problem of gaining the most ormation possible from available sources. An example, from conlting work now being done by e Institute staff, concerns proper e and shape for agricultural test lots to yield the most accurate nd complete information possible t least cost.

A&M long has offered statistics rough various departments. Stuents in the agricultural and biogical sciences, business, educa-



COLLEGE STUDENT FACULTY MEMBER

