

SATURDAY
Baseball Game
Intra-squad Football

The Battalion

PUBLISHED IN THE INTEREST OF A GREATER A & M COLLEGE

COLLEGE STATION (Aggieland), TEXAS, TUESDAY, MAY 6, 1947

Number 67

Exhibits, Review, Athletic Events Planned for May 10-11

Through the years, tradition has provided that on Saturday before Parents Day, the Agriculture and Engineering Schools hold A-E Day. On this day, each department selects outstanding work done that year, and with this work forms a display. The parents are able to see the type work done by their sons and the general nature of work carried on at A. & M.

In charge of this years program are Terry A. Clark, School of Engineering, and Victor R. Norvell, School of Agriculture. Handling the publicity for the engineers is William J. Graff, while Ag students have W. T. Little in charge of publicity. The schedule for A-E Day will be:

- 9 a.m. - 5 p.m.—Agriculture exhibits open.
9 a.m. - 5:30 p.m.—Engineering exhibits open.
1:30 p.m.—Dual track meet—Kyle Field—Texas University vs. A. & M.
3 p.m.—Baseball game—Kyle Field—Brooks Army Air Field vs. A. & M.
4 p.m.—Football game—Kyle Field—Intra-squad game.
7 p.m.—Pitchfork-Slipstick Follies—Guion Hall.

The following day is marked with festivities designed to honor the Fathers and Mothers of Aggies. Included among the days program are a Corps Review, inspection of the dormitories and a reception at the President's home. The program for Parent's Day will be:

- 8:15 a.m. - 9 a.m.—Pinning of flowers on cadets by organization commanders and mothers.
9:30 a.m.—Corps Review.
11 a.m.—Program honoring parents at Guion Hall.
1 p.m. - 5:30 p.m.—Cadet dorms open for inspection.
2 p.m. - 4 p.m.—Reception for visiting parents at President's home.
3 p.m.—Concert by the Aggie Band.

Tributes from both the students and President Gilchrist will be voiced during the Parent's Day program. Tributes to "Mom" and "Pop" will be read by Bill McCormick, President of the Senior Class, and Allen Self, acting Cadet Colonel, respectively. Also included on the program are the Singing Cadets.

The band, under the direction of Verne Adams, will close the weekend festivities at 3 p. m. Sunday on the lawn across from the President's home.

'Texas Needs Population Study', Says Sociologist

By Richard Alterman

"Population study is greatly needed now to supplement future policies of the state", stated Dr. Rupert Vance, University of North Carolina, as he opened discussion at the Texas Conference on Population Research, which met in the YMCA Chapel May 1-2.

The purpose of the conference was to provide a means whereby some of the leading scholars in the field of population analysis may aid research personnel in maturing plans and techniques for conducting a study of the Texas population. The program got under way Thursday morning with introductory remarks by R. D. Lewis, chairman.

Dr. Vance, Kenan Professor of Sociology, Institute for Research in Social Science of the University of North Carolina, spoke on "The Role of Population Research in a Growing State". He declared that "Texas is fortunate in the respect that the study of population research has been delayed until techniques have been developed that will make such studies more meaningful. This is particularly significant because of the great growth of population in Texas and the emergence of metropolitan centers that will play a large part in future industrial development."

He also stated that "Educational needs, provisions for old-age security, city planning, future labor supply for industry, improved health, and migration from farm to cities can be shown and even predicted by population research".

Population Outlook

The second topic for discussion was "The Outlook for Population Increases in Texas", which was presented by Henry S. Shryock of the Population Division, Bureau of the Census, of the U. S. Department of Commerce.

His estimated population increases in Texas for five-year periods until 1975, were as follows: 1950, 7,357,000 people; 1955, 7,938,000; 1960, 7,995,000; 1965, 8,283,000; 1970, 8,558,000; and 1975, 8,786,000.

Quoting from a report by P. M. Hauser, Deputy Director of the U. S. Bureau of Census, Dr. Shryock gave the prospects of some Texas cities for retaining their wartime growth. Dallas, Houston, San Antonio, Corpus Christi, and Galveston were rated as most likely to retain their present population. He pointed out that only by providing extra inducement can Beaumont, Port Arthur, Fort Worth, and Amarillo expect to maintain their present size.

El Paso and Waco have made a temporary gain, but only if they make plans to convert war-time gains to permanent gains.

(See POPULATION on Page 4)

Fathers Under Fire Make Better Grades

(ACP)—"Veterans do better work in college than non-veterans, married veterans make better grades than unmarried ones, and the grades of veterans with children are the highest of all." This is the finding of Dr. Harold Taylor, youthful president of Sarah Lawrence College of Bronxville, New York.

In explanation, the noted 32-year-old educator pointed out that men with children have greater responsibility. By responsibility, it can be assumed that Dr. Taylor had in mind the fact that it is inevitably easier to take home an "F" to mother and dad than to the "little woman" and Junior.

What self-respecting father could hold his head up at the end of the semester if Junior had a right to turn to his mother and say, "Gee, Ma, this birdbrain you married has flunked his chemistry again!"

Houston Ex Offers Prize In Management

To create thinking among students as to management plans for East Texas and to promote an increased economic and conservative program, Thomas W. Blake, Houston businessman, is giving a cash prize of \$25 for the best paper on "desirable practices that might be introduced to make the ranch more scientifically managed and more productive."

Open to any member of the senior class in range management, this is the first such prize to be offered to students interested in that science. There is no limit to the number of words, and all essays must be submitted to Dr. Y. A. Young, of the Range and Forestry Department, prior to May 25. Only senior students in range management are eligible.

Blake, a 1940 Aggie graduate, owns a 5,000-acre timber and range area near Dobbin, Texas, with 400 head of cattle.

He has been host to three range management classes, the members of which have inspected and discussed management practices followed over a number of years.

It is hoped that further prizes to stimulate desirable management plans in better range conservation will be offered in the future.

Ag Mag Editor Filings Open

All students in the School of Agriculture who are interested in filing for the editorship of the AGRICULTURIST for the 1947-48 term should contact Otis Miller, rural, journalism instructor of the rural sociology department, or one of the following students: Larry Barton, agriculture engineering; Billy Welch, fish and game; or Charlie Ball, present editor of the publication.

Information regarding qualifications may be obtained from any of the above persons, stated LeRoy Hendrick, chairman of the Agricultural Council.

Applications must be submitted to Miller before Saturday May 10.

The editor of next year's Agriculturist will be decided at the next meeting of the Agricultural Council on May 14.

District Agent To Be Among Delegates To Galveston Meet

E. A. Miller, district agent for cooperative agricultural extension work, will be among the 400 delegates from 21 states to attend the annual meeting of the National Peanut Council scheduled for Galveston May 11-14.

Among the guest speakers will be Emmitt Martin, president of National Food Distributors of America; E. A. Meyers, administrator of Research and Marketing Act; and Charles E. Lund, chief of the Foodstuffs Division, Office of International Trade. Boyce House, Texas humorist and columnist, will entertain with tall tales at the banquet Tuesday night, May 13.

First session of the convention will be an open government industry conference on Sunday afternoon, May 11, at which W. T. Parker, Oil Seeds Division, Commodity Credit Corporation, will preside.



MANY LONG YEARS AGO—A. E. Hinman and son looked like this. "Red" Hinman, Corpus Christi, was elected president of the Former Students Association at its meeting over the week-end.

New Cottonseed Oil Extraction Process Started

Making his first public disclosure of results obtained through years of research, Dr. W. D. Harris will present a paper on the "Use of Isopropanol as a Solvent in the Extraction of Cottonseed Oil" before the national meeting of the American Oil Chemists Society at New Orleans May 20.

Harris has been working for six years, the last three under the sponsorship of the Cotton Research Committee of Texas, on a new method of extracting oil and other constituents from cottonseed. New practices will eliminate the cooking, pressing, and a great deal of the manual labor involved in the commercial hydraulic process, according to Harris.

He has developed a method of using an isopropyl alcohol as a solvent to remove practically all the oil-valuable for shortening and oleomargarine manufacture—and other by-products from the seed, leaving a meal found superior in nutrient value by actual tests made with swine at the college farms.

A process for the recovery of by-products from the oil makes possible separation of fatty acids in the pure state, in which they are useful in the making of high-grade soaps, and extraction of lecithin, an anti-oxidant used as a smoothing agent in mayonnaise and candy, and as a detergent in lubricants. In addition, a sugar, raffinose, which Harris believes has commercial syrup possibilities, can be extracted.

Harris estimated that 14 percent more oil is extracted by the solvent process. Patent application has been made for the process.

Eastland and Stephens Club To Meet Thursday Evening

The Eastland and Stephens County A. & M. Club will meet at 7 p.m. Thursday night, May 8, in Room 321 Academic Building to discuss plans for a picnic, Tillman L. Wheat, club reporter, announced.

An Orchid Grows In Brazos County!

Not in a greenhouse! Not in a floral shop! But near Peach Creek, 10 miles southwest of college, an orchid has been found!

Discovered in a post oak woodland area by W. D. Lewis and J. L. Liverman, members of the department of biology, the orchid has not been previously reported from this area. In the places where it is known to occur, it is rarely found.

The plant has large lavender flowers, which is beauty rival the commercial orchid. It grows to a height of about 8 1/2 inches and has a rather large underground tuber.

Geology Students, Faculty Honored Tonight at Houston

Geology students and faculty members will be guests of the Houston Geological Society tonight at the 1947 annual award dinner in the Texas State Hotel, Maury M. Travis, publicity chairman, announced Saturday.

The Houston society annually sponsors A. & M. in a nationwide series of academic competitions under the auspices of the American Association of Petroleum Geologists.

Presentation of technical papers by winners in student competition in geology and petroleum engineering will feature the dinner. Two dinners will be made, one in each division, consisting of association membership in the AAPG.

These yearly competitions are to encourage scientific research among college students and post-graduate geologists and petroleum engineers.

Former Students Give Board Confidence to Solve Problem

Calculator To Be Exhibited During AE Day

Although only partially installed, A.&M.'s new network calculator board, valued at more than \$100,000, will be open to public display during A-E Day, to be held here May 10. Lewis M. Haupt, professor of electrical engineering who is in charge of installation and operation of the massive equipment, said that the doors of the air-conditioned laboratory in Bolton Hall would be open to visitors, and that guides would be present to explain the operation of the calculator, a device designed to solve transmission-line and electrical distribution problems.

The calculator, purchased by the Research Foundation from Westinghouse through co-operation of a number of Southwestern utility companies, probably will be in operation by June 1, Haupt said, and ready for use by the college and the sponsoring companies.

All departments of the schools of engineering and agriculture are preparing displays and exhibits for the instructions of visitors who come to the campus for ceremonies on Mothers' Day, May 11.

A number of sports events, including a track meet, a baseball game and an intramural football game winding up Aggie spring practice, are scheduled for the afternoon of May 10, and that evening the "Slipstick and Pitchfork Follies," a series of skits, will be presented prior to an all-college dance.

Mothers' Day will bring a corps review, with presentation of the General George F. Moore award to the outstanding organization and the Abert Sidney Johnson saber to the outstanding cadet.

A. E. Hinman Elected President For Year; Approve of Athletic Department

Refusing to take either side in the controversy between A. & M. students and the administration, the Ex-Students association meeting on the campus this past week-end, voted its full confidence in the college board of directors and asked them to take any steps necessary to work out a solution.

Conservation Chief Guest Of Range Dept.

W. B. Allred, chief of Range Division of Region 4, Soil Conservation Service, Fort Worth, was the guest lecturer for the Department of Range and Forestry for the past two days discussing pertinent range problems in the state and how soil conservation service is promoting programs to correct range abuses. Allred, who addressed all range management classes Monday and today, will be on hand tomorrow to counsel with students and interview them with relation to their desires for employment in range conservation and region wanted.

Speaking on soil conservation organization and functions in the region, as well as some of the general conservation programs being carried on in various state districts; Allred is a specialist in his field. He has worked in the Rocky Mountain and Great Plains areas of the west.

Former chief of Range Division Region 5, with headquarters in Lincoln, Nebraska, Allred has also served as chief of operations for a period of time.

Dr. Y. A. Young, head of the Range, and Forestry Department, urges all students in that field to speak with Allred Wednesday on problems regarding future employment.

Barbecue May 19 to Honor Winter, Spring Athletes

May 19 has been selected as the date for the Brazos County A. & M. Club's annual spring barbecue, honoring Aggie athletes participating in winter and spring sports, Fred Hale, club president, has announced. These sports include all but football and cross country, the participants of which are honored at a banquet each January.

The barbecue will be held at the Bryan County Club, beginning at 7 p.m.; tickets will cost \$1 each. Hale urges all members of the Brazos County Club to buy two tickets, one for himself and the other for an athlete being honored.

W. R. Carmichael is general chairman of the program. In charge of food and arrangements are W. G. Brazzale, W. N. Colson, and Charlie DeWarc; tickets will be handled by George McCulloch, Elmer Smith, and Lucian Margan; and P. L. Downs, Jr. and Wallace Kimbrough will be in charge of transportation.

All former students residing in Brazos County are urged to participate in the program, Hale stated.

Storm-Locator At Brownsville Begins Operation June 5

A network of college-operated storm-locator stations will be increased to three effective June 5, when a radio direction-finding unit installed at Brownsville will go into operation. The Brownsville unit, to be operated during the summer months by F. L. Brooks of the physics department, is located in a former parachute loft at the Pan-American Airways terminal, where PAA and US Weather Bureau stations already are in operation.

The storm-locator project is sponsored by Dow Chemical Company, Humble Oil and Refining Company, and the Carbide and Carbon Chemical Company, through the college Research Foundation. Director of the project is A. E. Salis of the electrical engineering department.

Other station sites are located at college and at Freeport. It is hoped eventually to add another along the Gulf coast in order to locate approaching storms more accurately.

Airport Management Conference June 4-7

A three-day conference on airport management will be held here June 4-7, co-sponsored by the college and Southern Flight magazine in cooperation with the Civil Aeronautics Administration, it was announced today.

Airport officials from all parts of the southwest are expected to attend the conference, which will deal with problems arising in the expanding aviation field.

Dean H. W. Barlow of the School of Engineering and George Haddaway, editor of Southern Flight, will serve as co-chairmen for the conference, assisted by W. T. Brown of the CAA.

The Texas Poll Indicates . . .

Officials Get Blame for Unrest

College officials are getting most of the blame for the student uprising now being investigated by the senate-house committee, a statewide survey of the Texas Poll shows. A mong people who know something about the ruckus, opinion is almost two to one against officials.

One-fourth of the public have not heard or read anything about the unrest at A.&M., and the other one-fourth are not ready to reply. Three questions were asked by 44 interviewers in a representative cross section poll throughout the state.

1. "Have you heard or read anything about the trouble or fuss at Texas A. & M. College?"

Yes No
All men and women 74% 26%
All those who have attended college 99% 1%

All those who have never gone to college 64% 36%
2. "What, if anything, is wrong at the college?" (Only the 74 percent who had read or heard about

the dispute were asked this question.)
Hazing 12%
Insubordinate students 5%
President Gibb Gilchrist 16%
Politics, lack of understanding, general unrest following war 18%
Undecided 23%

3. "Who would you say is most to blame for the trouble—the officials of the college, the students, or someone else?"

Officials most to blame 31%
Students most to blame 16%
Officials and students equally to blame 6%
Ex-students, politicians, others 3%
Undecided 18%

In pointing out the fault at A. & M., persons with opinions who have never been to college split up in almost exactly the same proportion as those who have attended college. The results follow:

Non-College College
Officials most to blame 55% 54%
Students most to blame 28% 29%
Officials and stu-

dents equally to blame 11% 11%
Ex-students, politicians, others 6% 6%

No important difference of opinion between men and women was noted. Some of the typical comments are:

ANTI-ADMINISTRATION
"More than 50% of the students are men whom we depended upon to save our nation during the war time; now they are being treated like kids just out of high school."
"Who is wrong is too much one-man authority."

"Too much dictatorship from the top; not enough attention is being paid to wishes of students who happen to be men—not boys."

ANTI-STUDENT
"Hazing ought to be stopped."
"The boys are all wet."
"Who wants to send their children there to be chambermaids?"

MIDDLE OF ROAD
"There is a general unrest everywhere. It naturally affects the college."
"Too much politics."
"Official hard-headedness and smart alec students."