

the foreador

Vol. XXVIII

Texas Technological College, Lubbock, Wednesday, Feb. 18, 1953

No. 29

Fred Waring Choral Group Here Tonight

Festival of Song, the first attraction of the spring Artists Course series, will be presented at 8:15 tonight in Lubbock High School Auditorium. The program will feature musicians from Fred Waring's choral group directed by Dr. Lara Hoggard.

Techniques developed for the Waring television programs will be used in the program of choral music which includes sacred and secular song, classical and popular music and folk songs. Singers, dancers, and instrumentalists make up the troupe of 33.

The program material includes items from Palestrina, Debussy, Brahms, and Mendelssohn, and contemporary works by Benjamin Britten and Normand Lockwood. There also will be humorous and novelty songs. Some of the choral numbers are accompanied by instruments, while others are done a Capella.

The program is made up of choral numbers, vocal solos, and dance numbers. "A Ceremony of Carols" was composed in 1942 for treble voices with harp accompaniment by Britten to a text in Middle English. Another choral piece is "Elegy to a Hero," set to a Walt Whitman text by Normand Lockwood. The "Liebesliedler Waltzes" of Brahms will be given in the original form for mixed voices and accompaniment of two pianos.

A dance pantomime is done by Felisa Conde to "Festivals" (Debussy), "Allelicca" (Thompson), "Salve Regina" (Gregorian chant) and "Ave Maria" (Arcadelt).

Students will be admitted upon presentation of activity tickets.

PROGRAM

- "God of Our Fathers" Randall Thompson
- "Pueri Hebraeorum" Randall Thompson
- "Motherless Child" Benjamin Britten
- "A Ceremony of Carols" Benjamin Britten
- "The Juggler" Normand Lockwood
- "Elegy to a Hero" Normand Lockwood
- "Two Songs of Galilee" Julius Chajes
- "Baur, was trestest em Sacke" Julius Chajes
- "Ho, Robyn! Geestyl Robyn" William Cornyshe—McCormick
- "Lollytodum" Josef Marais-Simeone
- "Around the Corner" Josef Marais-Simeone
- "God's Trombones" Roy Ringwald
- "Taratella" Randall Thompson
- "I'll Wait for My Love" Thomas L. Waring
- "Liebesliedler Waltzes" Johannes Brahms
- "Le Fiacre" Jean Sablon-Bell
- "So in Love!" Cole Porter-Ringwald

BK to FW Returns To Tech Monday

Faculty members who have been somewhat apprehensive of students this year may relax for the next week: BK to FW is back again.

Be Kind to Faculty Week, initiated last year on Tech campus, will be observed Monday through Friday of next week. Faculty members will wear red ribbons inscribed with "BK to FW".

Highlight of the week will be a faculty talent show at 8 p.m. Wednesday in the Recreation Hall. Several faculty representatives will present acts.

Last year students took instructors out for coffee, traded walks for "talks", and attempted to meet them as people, not as walking textbooks.

BK to FW is sponsored annually by Forum, organization for senior women. By promoting the week, Forum hopes to create a more sympathetic attitude for teachers by students, says Patsie Scales, president.



FESTIVAL OF SONG CHORUS

KTTC Moves to Speech Studios; Programming to Offer News, Music

Station KTTC has moved from Sneed Hall to the Speech Building and is broadcasting from 7 to 12 nightly, Monday through Friday, at 650 kilocycles.

The college radio station brings to Texas Tech everything from music and sports to newscasts of both campus and national news.

Beginning this week, there will be four three-minute summaries on all basketball home games broadcast directly from the gymnasium. "Under the Double T," a five-minute sports program, is given Monday and Thursday. Two five-minute newscasts are given nightly at 7:55 and 9:55.

Don Luttrell features such musical programs as "Nightmare," "Steam Tunnel Serenade," and a variety of others consisting of anything from big music to current popular arrangements.

Since KTTC has expanded by moving to larger quarters and ac-

quiring new facilities, a larger staff is needed. Odie Echols Jr. asks that anyone interested in announcing, script writing, or working with radio in any way, call him at 2-6225, or see Prof. W. F. Halverson in the Speech Building.

The present staff of station KTTC extends an invitation to all students to visit the studios and watch the programs as they are actually being broadcast.

Selective Service Applications Given

Applications must be postmarked no later than midnight, March 9, for the Selective Service College Qualification Test to be administered April 23.

An application and a bulletin of information may be obtained at any local Selective Service Board. Students planning to take the test should follow the bulletin's instructions in filling out the application, and mail it in the envelope provided.

Results will be reported to the applicant's Selective Service board of jurisdiction for use in considering his deferment as a student, according to the Educational Testing Service, which prepared and administers the College Qualification Test.

Flying T Club Is Revived; Memberships Being Taken

The Flying T Club has been revived on the campus and membership is open to both students and faculty. A meeting will be held Monday, at 8 p.m. in AD269.

The club, organized here several years ago and later disbanded, is designed to promote interest in flying among Tech students and faculty.

Men's Social Clubs To Meet Fraternity Representatives

Tech's men's social clubs will meet representatives of four national fraternities this week, James G. Allen, dean of student life announced yesterday.

Delegations from Sigma Alpha Epsilon visited the campus yesterday. Included in this delegation were Leo Kade, Eminent Supreme; Herald; Ralph K. Carlin, Province Treasurer; and Fred Qunn, Chronicler. They plan to meet Adelphi, Silver Key and Kemas.

Official Notice: Activity Fees

The Office of the President announces that Friday, February 20, at 5 p.m., is the deadline for any refund of Activity Fees. Students desiring to request such refund may see representatives of the Student Council at the Student Council Office, Room 161, Administration Building, from 2 to 5 p.m., on Thursday, February 19, and 2 to 5 p.m., on Friday, February 20.

Lambda Chi Alpha representatives will be on campus Friday through Monday. Their delegation will consist of: Cyril F. Flad, Administration Secretary; H. Colman Nolen, National Secretary; and Dr. Houston T. Karnes, National President. They will meet Adelphi, Kemas, Wranglers, College Club, and Los Camaradas.

Saturday and Sunday Sigma Nu will have its delegation on campus. In this group will be J. Edmond Murphy, Regent, and Sam Field, Division Commander. They will meet Adelphi, Los Camaradas, and Socii.

Kappa Sigma

Kappa Sigma will be on campus Sunday. The delegation will be headed by H. Gardiner Symonds, Worthy Grand Proctor, and Jim Bales, District Grand Master. They will meet College Club.

The following representatives of fraternities have visited the campus:

Sigma Phi Epsilon, Feb. 5-10—Steve Schmidt, Field Secretary; Frank Martino, State Representative; Frank Posey, Local Representative; and twenty active members of chapters at North Texas State College and the University of Texas. They met College Club, Silver Key, Los Camaradas, Adelphi, Kemas, and Wranglers.

Phi Kappa Psi

Phi Kappa Psi, Feb. 10-11—J. Bart Aldridge, National President; William Stokes, Area Alumnaus; and Donald D. Noble, Undergraduate Officer, University of Nebraska. They met Silver Key, Centaur and Adelphi.

Alpha Tau Omega, Feb. 13—Dean Richardson, National President; Joe Whitten, District Officer; Stuart D. Daniels, National Secretary; and Gordon Horston, local alumnaus. They met all eight clubs.

Phi Delta Theta

Phi Delta Theta, Feb. 14—Robert Miller, Traveling Secretary; Hobby H. McCall, Province President; Clark Bledsoe, Assistant Province President; and Dave Price, member of Survey Committee. They met Silver Key and Kemas.

Kappa Alpha, Feb. 14-15—Reginald U. Jacobs, Regional Advisor; Vernon McCall, Councilor; George Colbert, member of Executive Council; Gene Fleming, University of Texas; Bill Laws, Southern Methodist University; Jack Watson, Province Commander; and Frank Stovall, Southwestern University. They met Centaur, College Club and Wranglers.

Enrollment Totals

Tech's total enrollment rounds off at 4,534 for the spring semester with the Arts and Science Division leading by 356; announces Miss Evelyn Clewell, assistant registrar.

Arts and sciences students reached a total of 1,293 followed by the engineers with 937. Business administration students total 905; agriculture, 601; graduate school, 567; and home economics, 231.

The 4,534 students represent an increase over the 4,482 Texans enrolled for the '52 spring semester. Men students again outnumber women with a count of 3,266 to 1,268.



ON YOUR TOES—Virginia Carr, foreground, demonstrates a step for (left to right) Don Adress, Nancy Chastain, Hardy McNew, James Speer and Marybeth Toles. The dancers were auditioning for parts in the 1953 Varsity Show.

Your Future as a Chance Vought...

engineer



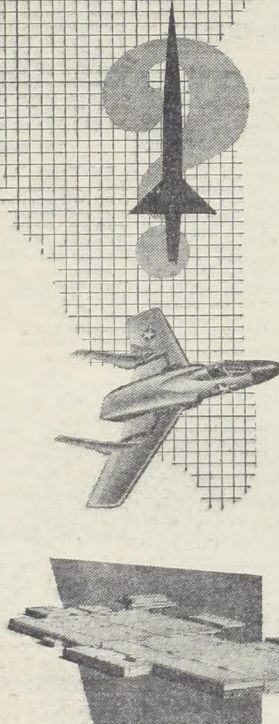
C. E. WINGATE, Supervisor, Design Operations Services Group, Chance Vought Aircraft, will interview graduates of the class of '53 in the Placement Office, MARCH 2 and 3. Mr. Wingate is looking forward to the opportunity of discussing with you...

Chance Vought Aircraft, a designer and builder of military aircraft for 35 years, offers the graduating engineer and scientist an opportunity to join in the design and manufacture of fighter aircraft and guided missiles.

The design of fighter aircraft is constantly being improved as new materials and more powerful engines become available. Guided missile design is in the pioneering stage and progress up to this point, in our opinion, can be compared to the period of development of piloted aircraft prior to World War I. Imaginative thinking as well as sound engineering is an important part of these programs. The young engineer through his creative thinking can rapidly assume a position of engineering responsibility in the Chance Vought organization.

Almost every type of academic specialization can be utilized in some phase of the design, development and test of a jet fighter or guided missile. Technical assignments are available in the design and analysis of specialized electronic components, structural and hydraulic testing, structural and mechanical design, applied aerodynamics, power plant analysis and testing, stress and vibration analysis and flight testing.

If you are receiving a degree in Aeronautical Engineering, Mechanical Engineering, Civil Engineering, Electrical Engineering, Mathematics or Physics, Chance Vought invites you to discuss your future in these fighter aircraft and guided missile programs. Contact your Placement Director for an appointment with the Chance Vought Aircraft representative.



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Wednesday

Wranglers of Geo

Wranglers w
George Washi
at 9 p.m. at the
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Members and
Butler, Jenny W
Cribbs, Stone, G
Clerk, Billie G
Guss Hamby, Sh
Mrs. Sue Veant
Davenport, Bob
Dwayne Sparks
Mrs. Barbara S
Paul Edwards, D
Bob Wood, Adlin
Dennis Hamby,
Bice, Maara, and
Miss. Babba R
Dink West.

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Holloway, Craig

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SOCIETY

Wranglers Schedule Observance Of George Washington's Birthday

Wranglers will have its annual George Washington Ball Saturday at 9 p.m. at the Caprock Hotel. Dr. and Mrs. Earl Camp are sponsors.

Members and their dates are: Bob Butler, Jenny Wagborne; Dave Fawcett, Cynthia Stone; John Franklin, Frances Gates; Eddie Goetz, Shirley Thompson; Gene Hamby, Shirley Roberts; Blair Hankins, Sue Valentine; Davis Hopper, Pat Davernor; Bob Scott, Vella Morrow; Dwayne Sparks, Jane Hicks; Dave Thomas, Barbara Saunders; Jim Weaver, Laura Edwards; Dave White, Nancy Wier; Bob Wood, Adelin Stokes; Malcolm Young, Donna Hamby; Rex Zachary Johnson, Bice; Meares and Meslames, Davis Moorhouse, Bubba Ross; Jerry Walker, and Dirk West.

Pledges and their dates are: Carl Hart, Tommye Brown; Jimmy Johnson, Rojeau Holloway; Craig Morris, Raye Bennett;

Buddy Newton, Jerre Bedford; Benton Ribble, Flo Leuenberger; Burk Roberts, Jo Beth Brown; Lynell Ross, Beth Parker; Ted Sonnenburg, Ruth Parker; Eimer Wilson, Susan Mayfield; Mr. and Mrs. Nelson Evans and Mr. and Mrs. Frank Johnson.

Other members and pledges attending are: Richard Cartwright, Eddie Hart; Bill Little, Ernest Lokey, Lou Martin, Bill Price, Doug Smith, M. D. Stevens, Neil Yaucho, J. D. Edmonson, Ray Howers, John Maddox, Pat Waggoner, Kent White, Carl Pool, and Jim Beiser.

Run Around

Wednesday
8 p.m. Artists Course
Lubbock High School

Friday
8-12 p.m. Howdy Dance
Rec Hall

Rec Hall Dances Given Tuesdays

Beginning this semester, the Rec Hall program will present a series of "twilight dances" on Tuesday evenings. K. Carter's and Burl Hubbard's orchestra will alternate at these affairs which will be held from 6:45 to 8:30.

Each Monday night from 7:30 to 8:30, Dr. J. D. Sadler will instruct square dance classes in the Rec Hall. Both faculty and students are invited to attend these classes.

Both of these dance programs will continue in the Student Union Building, which is scheduled to open March 10.

Replacements are needed on all Rec Hall committees, says Jess Parrish, Rec Hall Director. Students interested in apply for the positions should see him.

Saturday
9-12 p.m. Military Ball
Rec Hall

9 p.m. Wrangler's
George Washington Ball
Caprock Hotel

Monday
8 p.m. BK to FW
Wednesday
Forum Faculty Talent Show
Rec Hall

Devotional Services Set By Church of Christ Students

Church of Christ students will observe a special week of devotional services Feb. 23-27. Dr. R. L. Rouse, associate professor of economics will lead in these events and will speak on "Power to Become."

Tech Military Ball Will Be Held In Recreation Hall Saturday Night

The annual Texas Tech military ball will be Saturday night at the Recreation Hall. Music will be furnished by Burl Hubbard's orchestra.

Tech Dorms Elect Semester Officers

Robert Jameson of Sneed Hall and Charles Pipes of Gordon Hall have been elected presidents of their dorms for the spring semester.

Other officers elected for Sneed Hall are Jerry Bailes, vice-president; Gene Todd, secretary-treasurer; Orville Summey, athletic director; and Robert Thomas, social chairman.

New officers for Gordon Hall are Tommy Morris, vice-president; Danny Owen, treasurer; and Bill Parks, secretary. Other officers for Gordon Hall will be appointed later.

Doak Hall plans to elect new officers next week. The officers of Bledsoe Hall, elected last fall, will serve this spring.

The girls dorms, Horn and Knapp, elect their officers in the fall to serve the entire year. They are now electing legislators to fill vacancies made at mid-semester.

Tackett Is New Prexy of FFA

Larry Tackett will be installed as president of the Tech Future Farmers of America Collegiate Chapter Thursday night.

Other officers being installed to serve for the spring semester are: John Anderson, vice-president; Raby Smalley, secretary; Weldon Mansfield, treasurer; Billy L. Peacock, reporter; Doug Corley, Aggie Club representative; Bob Warren, parliamentarian; Joe Holmes and Lawrence Patton, program chairman.

Following installation of officers will be a business meeting. Refreshments will be served later. All members are urged to attend as the business agenda concerns each of them.

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New York University

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Ask yourself this question: Why do I smoke?
You know, yourself, you smoke for enjoyment. And you get enjoyment only from the taste of a cigarette.

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So, for the thing you want most in a cigarette... for better taste—for the cleaner, fresher, smoother taste of Lucky Strike...

Be Happy-**GO LUCKY!**

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A box comes from the folks—
'Cause inside are those Lucky Strikes
For cleaner, fresher smokes!

Beverly Daniels
Oberlin College



Seven Companies To Hold Interviews For Specialized Juniors and Seniors

Seven companies will hold interviews today, tomorrow, and Friday for juniors and seniors with special majors.

C. Rylander Jr. and D. F. Cheaney will confer Friday with juniors majoring in chemical engineering for summer employment with the Sinclair Refining Company.

Seniors will also be interviewed for permanent positions with the Sinclair Company. These students will be interviewed by D. A. Young.

Tresport Sulphur Company will be represented by C. E. Hamilton and J. B. Chatain as they interview spring graduates. This company has 19 openings for students with majors in analytic chemistry, chemical, electrical, mechanical and petroleum engineering.

Mechanical engineers will be interviewed Thursday and Friday by P. E. Darling, Mr. Darling is chief refinery engineer for Pan American Refining Corporation, Texas City.

Continental Oil Company has positions for graduates with degrees in marketing. T. H. Joyce will interview those interested today and Thursday.

L. R. Hinds of the Western Company will talk with graduates today and tomorrow. Those with degrees in accounting, physics, petroleum geology, chemical, electrical, mechanical, and petroleum engineering will be interviewed.

McCullough Tool Company is interviewing students today with degrees in petroleum geology, petroleum, and electrical engineering. A. V. Patterson is their representative.

Interested persons who desire more information should see Mrs. Jean A. Jenkins in Ad150.

DR. YOUNG TO SPEAK

Dr. A. W. Young, head of the agronomy department, will speak at a meeting of the Questers Club Thursday at 6:30 p.m. Dr. Young's topic will be "A New Era of Commercial Fertilizers."

Students Selected For Speech Play

Tentative cast for the speech production, "Light Up the Sky," was announced this week by Ronald E. Schulz, assistant professor of speech. The play will be presented the week of March 9.

Members of the cast include Eleanor Lincoln, as Miss Lowell; Evelyn Hext, Frances; Jeannine Stearns, Stella; Roberta McGinnis, Irene; Hardy McNew, Carleton; Jerry Raun and Phil Nickell, Owen; Bayard Foster, Peter; Jack McCabe, Sidney; Tommy Craft, William H. Gallagher; Jim Boozer, a plain-clothes man; Joe Bob Garner and Jack Pruitt, Shriners.

Students assisting on the production staff are: Lavoy Berry, assistant director; Shirley Harrison, stage manager; Sharlene Wall, assistant stage manager; Otis Caskey, scenery; Beverly Ross, properties; Philip Nickell, lighting; Joan Terry, costumes; and Robert Ford, publicity.

Rifle-Range Instruction Offered To Tech Girls Tuesday, Thursday

The ROTC rifle range will be open for girls on Tuesday and Thursday afternoons from 3-5 p.m. There will be a competent instructor on duty to give lessons in small-arms fire, said Maj. R. E. Brown, public information officer for Army ROTC.

Auto Engine Given Tech Engineers

An industrial Ford V-8 engine was presented to the Tech mechanical engineering department last week by the Lubbock Motor Company. Elmer Tarbox, former Tech student, was instrumental in obtaining the engine for the department.

The engine will be used in connection with regular course work in the power laboratory for the purpose of testing performance. The tests will determine the horsepower and the amount of fuel used. The engine is tested on a 150-horsepower electric dynamometer.

These tests familiarize engineering students with application and uses of internal combustion engines.

The average testing engine lasts only 2 years.

Korean Graduate Sends Scroll to Home Economics

The Home Economics Division has received a gift from a Technician in Korea. Mrs. Laura Song Park, '33, home economics graduate, has sent to the division an embroidered scroll which depicts an ancient legend about a Korean girl and boy. The scroll, which has a blue-green background, will be hung in the Student Lounge in the Home Economics Building.

SLIDES SHOWN CLUB

Slides, picturing textile designs and wood craft made by students in applied arts classes, were shown at the Home Economics Club meeting Tuesday night. Simple crafts which can be done at home were demonstrated by members of the Applied Arts Workshop. Margie Rogers was chairman of the program, "Crafts for Homemakers."

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Adult Education Radio Continues

"The American Heritage," second in a series of 13 radio programs sponsored by the adult education department, will be broadcast over KSEL at 10 p.m. tomorrow.

The series of programs is produced by the National Association of Educational Broadcasters. Claude Rains, noted film actor, will be the star of tomorrow night's show.

Dr. Per G. Stensland, professor of adult education, says the series is designed to enlighten the listener on the basic ideas important to American society.

Other programs to be presented in the near future include: "The Democrat and the Communist," "Divided We Stand," "Life and Liberty," and "Nature's Most Precious Gift."

Dr. W. M. Pearce Is New Head Of Faculty Advisory Committee

Dr. William M. Pearce of the history department was elected chairman of the Faculty Advisory Committee at a recent meeting of the committee.

Other new officers are: vice-chairman, Dr. George Whetstone, of the engineering department; and secretary, Dr. S. M. Kennedy, assistant dean of Arts and Sciences.

TO ATTEND MEETING

"Current Challenges to the Idealism of the Student" will be the theme of the convention of Alpha Chi, national honorary scholastic fraternity, Friday and Saturday on the campus of Southwestern University, Georgetown. Tech delegates to the session are: B. J. Fraley, Herbert Brannan, Bill Burton, and Jim McGraw.

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JOB WITH A FUTURE—

Supervising Production

Varied experiences in a Du Pont chemical plant fit young engineers for higher responsibility

As was pointed out in the last issue of the *Digest*, Du Pont's many product lines afford men interested in production supervision experience in a wide variety of operations.

For a better idea of what the work involves, let's consider a specific case—the production of "Mycoban" sodium and calcium propionates, inhibitors used by bakeries to extend the mold-free life of bread and other baked goods.

Many of the problems encountered in the manufacture of "Mycoban" are similar to those arising in the manufacture of any Du Pont chemical. There is the same continuing effort to improve quality, while cut-

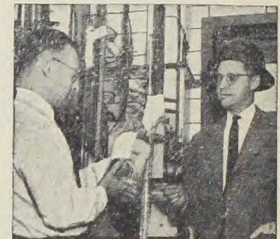
ting costs through the better use of equipment, instrument controls and raw materials.

The supervisor works hand in hand with the plant technical section toward these goals. He also keeps himself informed on technological and economic trends affecting production and sales, finds explanations for out-of-line costs, and prepares plans and estimates for increasing production.

Such work obviously calls for a sound technical background. In addition, however, considerable administrative ability is needed. A supervisor must be able to supervise. His duties include keeping people under him informed about long-range



Process Control Engineer W. L. Morgan (at left), B.S. in Ch., West Virginia Wesleyan '37, observes packing characteristics of "Mycoban" powder as it comes from the loading hopper.



Production Supervisor Robert B. McCue (at right), B.S. in Ch. E., West Virginia '38, and plant laboratory shift-leader J. F. Quarles, B.S. in Ch. E., Lehigh '38, discuss analysis of a product sample.

changes in company policy and assuming responsibility for their safety and morale.

The unusual problems encountered in "Mycoban" production are largely due to the seasonal nature of its sales. Its greatest use is in the hot, humid months, or from late spring to early fall. For this reason:

1. Production and warehouse inventories of "Mycoban" must be carefully balanced against sales forecasts. The supervisor gathers necessary background information for this operation.
2. Production needs, including manpower, equipment and materials, must likewise be planned to meet sales forecasts.
3. Maintenance, including a yearly hydrostatic test of the plant, must be scheduled with the plant maintenance supervisor for the minimum interference with peak-season production. Emergency maintenance must be kept down by carefully planned preventive maintenance.

As you can see, production supervisors have a broad field of activity at Du Pont. The experience gained in this job will prepare an ambitious man for advancement to positions of still higher responsibility.

YOU'LL WANT to read "Chemical Engineers at Du Pont." Explains opportunities in research, development, production, sales, administration and management. For copy, write: 2521 Nemours Building, Wilmington, Del.



BETTER THINGS FOR BETTER LIVING
... THROUGH CHEMISTRY

Listen to "Cavalcade of America," Tuesday Nights on NBC—See It Every Other Wednesday on NBC TV

Wednesday, Feb
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Chosen Sa
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SEED MEET
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TEXAS TECH
BOOKS

Elmer Wilson Is 'Most Handsome Man'; Chosen Saturday at Annual Club Scarlet

Elmer Wilson, Pampa sophomore and Wrangler member, was elected Tech's most handsome man at the annual Club Scarlet, mock night club, Saturday night in the Green Room. About 200 students attended the event sponsored by Theta Sigma Phi, honorary journalism fraternity for women.

The general theme and decorations were centered around Valentine Day.

Two Architects Win Awards in National Contest

Lewis D. Booher, senior architectural student from Wichita Falls, won first prize award of \$50 in the recent Beaux-Arts Institute of Design contest.

Robert E. Walters, senior from Great Neck, N. Y., received honorable mention in the same contest for which contestants submitted a design of an architectural shed.

Other entries from Tech in the national contest were: Richard A. Armstrong, Abilene; George T. Knowles, Dallas; Arthur D. Thompson, Waxahachie, and Eugene Woodard, Sundown.

Hotel Design Next

Similar contests are sponsored periodically by the Institute to judge and improve student designs.

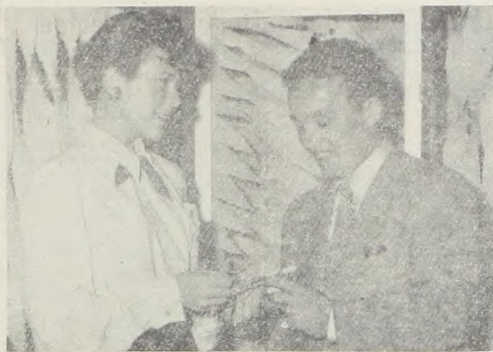
The next problem for competition in the contest which closes April 10 is a tropical resort hotel. The problem was prepared by Edward D. Stone, architect for hotels in Panama City and El Salvador, Central America.

Special attention will be given in the plan to the use of clay tile, a material which is not damaged by moisture, insects or heat conditions.

Cash Prizes for Winners

Tech students competing in this contest will be eligible for both a local prize of \$25 and the national award of \$100. Judging of entries will be held May 2.

Additional information on the contest may be obtained by writing the Institute at 115 East 40th Street, New York 16, N. Y.



TO THE VICTOR—Pat Edwards, president of Theta Sigma Phi, presents a token award to Elmer Wilson, who was elected "Tech's Most Handsome Man" at Club Scarlet Saturday night.

Military Lists 28 Cadet Promotions

Cadet promotions at the beginning of the spring semester have been announced by the military science department. Special orders number 2 and 3, dated Feb. 4 and 6 respectively, announced the following 28 promotions:

Commissioned officers: Jerry Raun, lieutenant colonel; R. C. Burleson, major; John W. Curry, Robert Davis, Ross Fowler and Thomas C. Scheininger, captains; Don E. Brewer, Waymon Davis, Neal Huffaker, and John M. Weaver, first lieutenants; Ernest P. Grote, Jack Pipes, and Kenneth Stevens, second lieutenants.

Noncommissioned officers: Everett Abernathie, Edmund D. Noakes, and Gerald W. Russell, master sergeants; Roy Beckman, Tom J. Carter, Bobby D. Pell, James N. Minton, and H. L. Hamilton, sergeants first class; Travis Hext, Bobby E. O'Neal, David B. Holquin and Thomas N. Blain, sergeants; Jack Badgett, Davis P. Larson, and Winfred E. Brinson, corporals.

These promotions were signed by Lt. Col. Hampton L. Green, professor of military science and tactics.

Mr. Hurd Begins Work at Museum

Peter Hurd, nationally famous artist, has begun work on a series of frescos in the Rotunda of the Museum.

The works will include 16 panels, forming a continuous landscape around the Rotunda and depicting the settlement and development of the South Plains.

In the foreground of each panel will be a picture of some person who has contributed to the development of the region. These persons to be honored were selected by a committee especially organized for that purpose.

Mr. Hurd estimates that he will work on the project about two years. Each quadrant of panels will take approximately six months of preparation before he will be ready to paint the wall. The fresco will take a year to harden so that it will not scratch easily.

The finished Rotunda, including the building construction will cost more than \$100,000. The work is to be paid for by contributions.

Civil Engineering Society to Hear Talk About Pre-stressed Concrete

O. L. Sparks, of the Portland Cement Association, will speak and present a film on pre-stressed concrete at a meeting of the American Society of Civil Engineers at 7:30 p.m. Tuesday in E. Eng. 57.

RECORDS

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By votes cast on the backs of the ticket stubs, Wilson won over a field of three other candidates: Tim Russell, College Club; Paul Griffith, Los Camaradas; and David Collier, Delta Sigma Pi. The winner was presented with one tube of toothpaste, a small toothbrush, and a pair of tweezers, all tied in big red ribbon.

Other entertainment of the evening included dancing and a floor show. Odie Echols served as master of ceremonies. Social clubs featuring acts on the program were: Ko Shari, a dance by Virginia Carr accompanied by Mary Fran Stevens; College Club, a Truth or Consequences skit; and Los Camaradas, musical presentations. The Three Feathers, Richard Cook, Orville Summy, and Dudley Thomson, sang several numbers.

Literature Given Tech Collection

The Tech Southwest Collection, composed of literature concerning the history and development of this area of the United States has received recent additions in the form of early newspapers and government booklets.

The collection, which is presently kept on the third floor of the Library, is available to students of early life in the Southwest. The assembling of the material for the collection is a long-range project.

Dr. Carl Coke Rister, distinguished professor of history, states that the collection consists principally of contributions from "old-timers" and families of early settlers in the Southwest. He urges anyone possessing old photographs or letters depicting in some way the life of this area in the early days to donate them to the collection.

SEED MEET MARCH 7

Tech's annual Certified Seed Growers Meeting will be held this year on March 7 in Aggie Auditorium. The state seed and plant board will meet with the group to reject or confirm the applications of new growers.

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Tech's Aggie Judging Teams Winners In Fort Worth Fat Stock Show Events

Judging teams from Tech placed first in dairy cattle judging, second in livestock judging and fifth in meat judging at the Southwestern Exposition and Fat Stock Show at Fort Worth between semesters.

Tech gained permanent possession of a trophy in dairy cattle judging by winning this contest for the third consecutive year. In this contest the team won first in judging Guernseys and Jerseys. Individual honors went to Joe N. Thorp, junior from Throckmorton, who placed second in judging Jerseys. William F. Willis, junior from Odessa, placed third in the contest and third in judging Jerseys. Gene G. Harral, junior from Fort Stockton, tied with Willis

for first place in judging Guernseys.

High team awards for judging hogs and quarter horses went to Tech in the livestock judging contest. Carl Williams, junior from Hermleigh, placed first in judging hogs, while Carl Menzies, junior from Menard, placed fourth.

In judging quarter horses, William D. Coleman, senior from Miles, placed first; William Jones, junior from Mercury, placed third, and Charles D. Hoover, junior from Perryton, placed fifth. Menzies gained fifth place in the entire contest and third in judging beef cattle.

In meat judging, Tech came in fourth in lamb grading, fifth in lamb and beef judging, sixth in beef grading and eighth in pork judging. Charles D. Harral, junior from Fort Stockton, received tenth place in the contest, and Don Johnson, senior from Coleman, placed third in lamb grading.

Coaches for the teams were: Stanley E. Anderson, assistant professor of animal husbandry, livestock judging; Roy L. Neeley, associate professor of animal husbandry, dairy cattle judging; Fred W. Boren, associate professor of animal husbandry, meat judging.

Dallenbach, TU Psychology Head, To Speak to Tech Club Tomorrow

Dr. Karl Dallenbach, distinguished professor of psychology at the University of Texas, will speak to the Tech Psychology Club at 7:30 p.m. tomorrow. Dr. Dallenbach, who is head of the psychology department at the university will discuss "Psychological Horse-Feathers: Some Common Misconceptions About Some Common Facts in Psychology." The meeting will be in the Home Economics Building auditorium.

A short business meeting beginning at 7 p.m. will precede the talk. The general public is invited to hear the speech.

Dr. Dallenbach has written numerous textbooks and is widely known for his research studies dealing with memory.

TO GO TO DALLAS

Dr. J. J. Willingham, head of the dairy manufactures department, will attend a meeting of the Dairy Products Institute Sunday through Tuesday in Dallas. An ice cream clinic Monday and a number of speeches will make up the program for the annual meeting. Members attending the institute will stay at the Adolphus Hotel and hold their meetings there.

Six Students New Army Lieutenants

Six Tech students have been commissioned second lieutenants in the Army and eight others, who completed their Army ROTC earlier, have received their orders to report to active duty.

Lt. Col. Hampton Green, professor of military science and tactics at Tech, announces the following men—two of them January graduates—have received commissions:

Larry E. LaRoe, Lubbock, Signal Corps; George C. Lowe, Conover, Signal Corps; Marion G. Whitmire, Snyder, Signal Corps; Larry A. Bedford, Midland, Engineers; John L. Jones, Eldorado, Engineers; and D. Duane Fincher, Fort Worth, Engineers.

Jones and LaRoe are January graduates and can expect orders soon, Col. Green states. The other four men are expected to finish Tech in May.

The following men, who completed ROTC training earlier, have received orders to report to active duty:

Daniel D. Bentley, Arlington; Archie T. Broadwell, Jr., Idalou; Charles A. Joplin, Jr., Littlefield; Johnny P. Brewer, Haskell; William A. McDonald, Merkel; Gayle E. Ferguson, Perryton; Warren N. Lacy, Fort Worth; and William D. Bozek, Ennis.

Lacy will report to the Corps of Engineers April 10; Bozek and Ferguson to the Signal Corps March 20; and the others to the Infantry, March 20.

Hemphill-Wells Executive Talks to Marketing Class

Bill Collins, division merchandise manager of Hemphill-Wells Company, spoke to the Marketing 4315 class Monday morning on "Operation of Merchandise Divisions and Duties of Division Merchandise Managers."

Mr. Collins' talk was the first in a series to be heard by the retail merchandising majors. Field trips are also being planned for the students, according to Roy Shaw, associate professor of marketing.

Men Eligible for Oratorical Contest

All male students of Texas Tech are eligible to compete in an oratorical contest to be held at the state convention of the Sons of the American Revolution. The convention will be held in San Antonio the latter part of April or the first of May.

Eleven colleges have been selected to participate. Each school is expected to send one representative, to be selected by the head of the speech department.

The orations must be original speeches, approximately 10 minutes in length, and delivered from memory. The subject matter must deal with Americanism, based on the issues in the American Revolution, or be delineations of the character of George Washington, Benjamin Franklin, Samuel Adams, John Adams, Patrick Henry, Thomas Jefferson, or James Madison.

The prizes will be \$150 for the first winner, \$125 for the second, \$100 for third, and \$75 for fourth. Expense money, consisting of \$25, will be given each candidate who participates and fails to win a prize.

Dr. P. M. Larson, head of the speech department, asks that all men interested in entering the contest see him in the Speech

Fertilizer Meet Here Feb. 25, 26

A fertilizer conference will be held in the auditorium of the Agricultural Engineering Building Feb. 25-26. Registration for the conference will begin at 11 a.m. Feb. 25.

Chairman of the conference will be Dr. A. W. Young, head of the agronomy department. Dr. Young is also head of the program committee.

The conference, which is sponsored by the agronomy department, has been planned primarily for fertilizer dealers, distributors, processors, and manufacturers, but is open to anyone interested in fertilizers, their distribution and use.

Program for the conference will consist of talks and panels by agriculturalists of this area and other sections of the country.

A banquet will be held Wednesday in the North Ballroom of the Caprock Hotel at 7:30 p.m. Dr. E. N. Jones, college president, will give some informal remarks, and Dr. Frank Fudge, state chemist and fertilizer control official of Texas, will be guest speaker.



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Raiders Take Border Lead With Win Over Arizona

By DALE BASYE
Toreador Sports Writer

Texas Tech's fighting Red Raiders, led by Johnson, Nolen, and Reed, defeated the University of Arizona 100-80, in a hotly-contested cage battle in Tech Gym last night, seizing the Border Conference lead and piling up their highest score of the season.

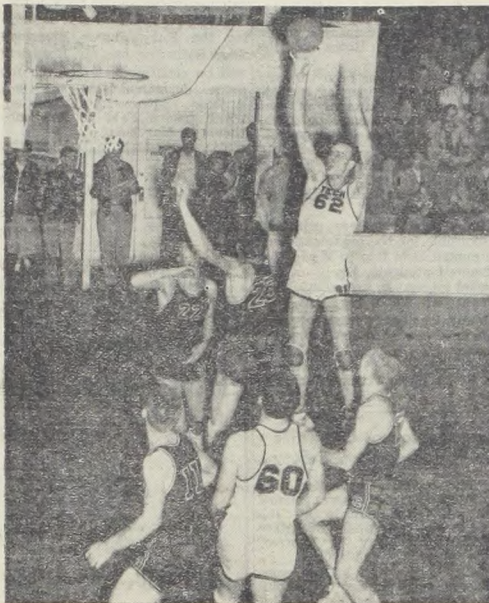
Virgil Johnson, who hit from all angles and distances, chalked up 27 points to lead the Raiders in scoring. Paul Nolen was next in line with 23, followed closely by Freshman Jim Reed, who had 21. John Bruner with 25 was high-pointer for the Wildcats.

Both teams, playing brilliant basketball at times and mediocre basketball at other times, went at it tooth and nail for the entire four quarters to give the fans a game that was a thriller from start to finish.

In the opening seconds of the first quarter the lead swung back and forth like a pendulum, the score being tied at 2-2, 4-4, 8-8, and finally 10-10. But the Wildcats broke the spell at the close of the canto and went ahead 24-21.

The Wildcats held the lead until midway in the second quarter, but then the never-say-die Raiders, led by the sharp shooting of Johnson, staged a rally and went ahead 49-42 at halftime.

The Raiders were pressed at the close of the third quarter, but staved off the rally and hung on to their lead. Tech hitting 35 out of 88 for a shooting average of 39 per cent, was bested by the Wildcats, who hit 26 out of 65 for 40 per cent.



HOOK ARTISTS—Paul Nolen jumps for one of his famous hook shots in Friday's game with New Mexico A & M. The Raiders took the contest, 83-62. The other Raider is Bob Bouldin, no. 60.

BSU Stays On Top Of Independents; Wranglers Only Undefeated In MICC

BSU strengthened its hold on first place in the Independent Loop with a 50-25 triumph over DSF last Wednesday while Wranglers took over undisputed possession of first place in the MICC loop with a 42-17 victory over Kemas.

In other Independent action Wednesday the Steers mauled Wesley Whirlwind, 38-15, Pounder leading the way with 15 points. Wesley Wildcats took a nip-and-tuck affair from the Dukes, 31-27. Beavers was high for Wesley with 11 tallies. Bryant's 17 and Thompson's 15 tallies led the BSU to victory over DSF.

Friday night AU trampled Lubys 57-14, in an Independent cage tilt. Tops for AU were Johnson's 20 and Marshall's 18 points.

Thursday night in the MICC loop Wilson led the Wranglers to victory, tallying 12 points. Socii won a forfeit victory over Centaur. Sunday Silver Keys knocked College Club from the undefeated ranks with a thrilling 21-19 victory. Dietering was high point man for the Keys, scoring 16 points.

Tonight action will be in the Independent Loop. 7—Boomerangs vs. Steers, 8—Dukes vs. Rangers, 9—BSU vs. Wesley Whirlwind.

MICC will be in the spotlight tomorrow night with three contests carded. 7—Kemmas vs. Adelphi, 8—Wranglers vs. College Club, 9—Centaur vs. Keys.

Tuesday will find three more games in the MICC league. 7—College Club vs. Adelphi, 8—Wranglers vs. Los Cams, 9—Kemmas vs. Socii.

Raider Swimmers Trample Odessa

Texas Tech's swimming team won seven first places in dual competition and the medley relay to defeat the Odessa High School Bronchos 48-26 in a meet at the Lubbock Boys Club pool Monday night.

Four Lubbock Boys Club pool records and three dual meet records were broken in the competition.

MEET RESULTS

- 50-yard free style: 1. Akin, Tech; 2. Mitchell, Odessa; 3. Kemp, Odessa. Time—26.4 (new record; old mark 27.2).
- 100-yard breast stroke: 1. Porcher, Tech; 2. Stubbs, Odessa; 3. Fox, Odessa. Time—1:19.7.
- 200-yard free style: 1. Shackelford, Tech; 2. Wheeler, Odessa; 3. Kain, Tech. Time—2:25.0 (new record; old mark 2:26.7).
- 100-yard back stroke: 1. LaShier, Tech; 2. Morrisset, Tech; 3. Bush, Odessa. Time—1:17.2.
- 100-yard free style: 1. Akin, Tech; 2. Velle, Odessa, (no third). Time—1:02.4 (new record; old mark 1:03.0).
- Fancy diving: 1. Erash, Tech; 2. Cannon, Odessa; 3. Hemphill, Tech. Points—47.53.
- 150-yard medley relay: 1. Jobe, Tech; Ford, Tech; 2. LaShier, Tech; 3. Stubbs, Odessa. Time—1:54.2 (new record; old mark 2:03.0).
- 150-yard medley relay: 1. Jobe, Tech; 2. Porcher, Tech; 3. Kain, Tech. Time—1:59.7.
- 200-yard relay: 1. Mitchell, Odessa; 2. Kemp, Odessa; 3. Wheeler, Odessa. Time—2:07.

Tech Racketmen Fall To Arizona

The Arizona Wildcats, defending Border conference tennis champions, blanked the Raiders in six matches Tuesday afternoon.

The Wildcats had just polished off Hardin-Simmons in the same number of matches Monday.

Fencers To Meet Here Saturday

There will be a fencing tourney at the Tech Gym Saturday at 1 p.m. matching the Tech men's team against the Abilene YMCA, while the women's team will clash with the Dallas YWCA.

The men will be matched in individual open sabre while the women will have individual foil competition.

Jack Cornell, Roddy Hobson, Jim Luker, and Ed Sims will represent Tech against the Abilene swordsmen, while Ann Bryan, Wanda Linam, and Roberta McGinnis will fence against the Dallas team.

SPORTS BRIEFS . . .

The Raider football squad will go back to the grid Monday, as spring training begins. . . .

The varsity basketball team will play host to West Texas State Friday night. The Raiders will then make the crucial trip to Arizona, meeting the University Monday; Tempe, Tuesday; and Flagstaff, Wednesday. . . .

Tech Gets Revenge Win Over Aggies

Tech's Raiders swept to an easy 83-62 victory over New Mexico A&M at Tech Gym last Friday night.

The Raiders, still smarting from their 66-58 loss to the Aggies two weeks ago, combined a tight, aggressive defense with an impressive 40 per cent shooting average to wreak their revenge on the Aggies.

Lanky Paul Nolen cut loose with 18 Friday night to lead the Raiders in scoring.

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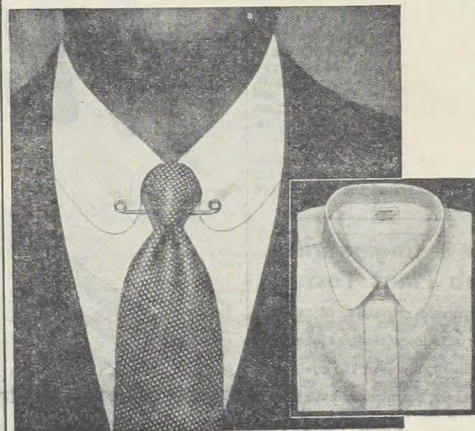
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Newman Meeting Here This Week

Tech's Newman Club, organization for Catholic students, will be host Friday and Saturday to a convention of delegates from similar clubs at Texas, Oklahoma, and Arkansas schools.

Theme for the eighth annual meeting will be "The Prayerful Catholic: The Mark of a Catholic Leader," according to Gladys Edwards, chairman of the convention.

Present at the sessions will be: Bishop Lawrence J. FitzSimon, bishop of Amarillo; Bishop Thomas K. Gorman, coadjutor to the bishop of Dallas; and Andrew C. Putka, national president of the Newman Club Federation.

The convention will begin Friday night with an informal mixer and the showing of a movie, "Government is Your Business." Mass will be read at 8 a.m. Saturday in St. Elizabeth's Church, followed by a meeting in Blakestee Hall, where Dr. E. N. Jones, Tech president, will give a welcoming address. Panel discussions will be held Saturday afternoon in the Caprock Hotel, followed by rosary and benediction in St. Elizabeth's.

Bishop FitzSimon will celebrate mass at 9 a.m. Sunday and will later address the delegates at a communion breakfast.

Madrigal Group To Go To El Paso

The Madrigal Singers will sing in El Paso on Sunday, March 1, under the sponsorship of the Arts and Letters Club of that city. This will be the first appearance of the group in their new Elizabethan costumes now being completed by their designer, Mrs. Jeffie Lou Harvey of Post. The concert will be divided into two parts—the first consisting of a number of early English madrigals and the second of more modern compositions.

Ira Scantz, director, will sing two early Elizabethan numbers. Featured compositions of the evening will be Randall Thompson's "Americana", a choral piece in five movements.

Members of the group are: Marjorie Hendrick and Dorothy Guinn Magness, sopranos; Marjorie Scales and Rosemary Sprague, contraltos; Billy Cornack and Clarence Whiteside, tenors; Tom Brown and Tim Magness, basses. Ned Hardin is the accompanist.

Members of the group are chosen by invitation of the director from members of the Tech Mixed Choir.

New Engineering Lab Plans Tests

Dynamic stresses of various structures will be studied in the new experimental stress laboratory of the mechanical engineering department. Much of the equipment, including testing and vibration machines, has already been received and the lab is expected to be opened for use next fall, says Prof. L. J. Powers, head of mechanical engineering.

Problems will be investigated on small scale models enabling the engineers to gain knowledge of the behavior of compositions under rapidly applied stresses. Experiments will be conducted in two methods: photoelastic study and resistance wire strain gauges. The tests will be part of a long-range program designed to determine the reaction of structures to impacts such as bomb explosions.

Mr. Powers will conduct the lab which is expected to encourage graduate work in mechanical engineering.

Dr. C. Earl Hildreth
OPTOMETRIST
DIAL 2-4828
Broadway and College

Smoker Given By Alpha Phi Omega

Lewis Jones, assistant dean of student life, gave the administration's viewpoint of Alpha Phi Omega, organization of former Boy Scouts, at a smoker given by the organization Monday night.

Other speakers at the meeting were Bob Dickenson, who spoke on leadership, friendship, and service, the three principals of APO and Don Harris, who gave a brief history of the fraternity. Dr. C. C. Schmidt, head of the physics department, was the guest speaker.

Entertainment was furnished by Marjorie and Patsie Scales and Ko Shari.

Bill Ashburn, newly-elected president, asked that all men interested in the organization attend the next meeting which will be tomorrow at 7 p.m. in Ad364.

Ag Classes Get New Machinery

The agricultural engineering department has been given a John Deere cut-away tractor for class instruction, announces Prof. Ira Williams. The tractor has an entire section cut away to show a cross section. Reese Barone, local John Deere representative, obtained the model for the school.

Equipment which the department has borrowed for class instruction includes an Allis-Chalmers model 66 roto-baler, the only machine making round bales of hay, a "W D" tractor, and a heavy duty field cultivator from Graham-Hoeme Plow Company of Amarillo.

Faculty Banquet Honors Dr. Qualia

Dr. Charles B. Qualia, who resigned recently as head of Tech's foreign languages department, was honored by faculty members at a banquet given by his departmental associates last Sunday night in the Wedgewood Room of the Plainsman Hotel.

The professor has been with the college since its beginning in 1925, except for an interval of two years. He plans to continue teaching in the foreign languages department.

Special guests at the banquet included: Dr. and Mrs. W. B. Gates, Mrs. Qualia, and Miss Alice Qualia.

Dr. Qualia has been primarily responsible for the organization of an annual field trip to Mexico for advanced students. He has taken special interest in preparing Spanish teachers for high schools.

Many leading professional journals have published articles by Dr. Qualia. He has traveled extensively abroad and is a member of the Texas State Teachers Association.

Tech Employees Get Talks On Fire Prevention, Safety

Films on fire prevention and construction safety were shown and talks were made by the school's fire prevention and safety committee Monday to approximate 80 college employees.

Talks were given by the committee's co-chairmen, Dr. John Penick, associate professor of industrial engineering, and W. L. Jenkins, assistant professor of industrial engineering.

Ag Professors To Assist Shows

Dean Stangel is judging in the Stratford Junior Livestock Show Saturday; Prof. Mowery is judging the Roby Junior Livestock Show Saturday; and Mr. Hargrave will be superintendent of the fat swine department of the San Antonio Livestock Exposition, which begins Feb. 20 and continues to March 1.

Homemaking Teachers To Meet On Texas Tech Campus Saturday

Homemaking teachers from District II of Area I will meet on the campus Saturday. Approximately 60 persons are expected to hear talks by Dr. D. D. Jackson of the education department and Dr. Geraldine Clewell, associate professor of home economics education, according to Miss Ester Sorenson, district supervisor of home and family life education.

The conference is sponsored by the Texas Education Agency.

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