



# TEX TALKS

TEXAS TECH UNIVERSITY  
LUBBOCK, TEXAS 79409

Published by Texas Tech Ex-Students Association

February, 1959

Lubbock, Texas

Vol. X, No. 1

## Dr. Giesecke Resigns Accepts Chicago Post

Dr. G. E. Giesecke, academic vice president at Tech, will leave in June to become associate dean of the new Graduate School of Education at the University of Chicago.

The 50-year-old educator will have a responsible part in a study of American higher education to be conducted by the University of Chicago.

DR. E. N. JONES, Tech president, will appoint an administrative-faculty committee to help select Giesecke's successor.

In addition to his supervision of academic matters at Tech, Giesecke has been widely known for his work in helping bring numerous teams of foreign visitors to Lubbock and the South Plains.

At Chicago, he will participate in the University's extensive program for international exchange of scholars, in consulting work and in research on comparative international education.

JONES CALLED the new assignment "an opportunity of the type which comes rarely even to the best qualified men in our profession. It is a distinct compliment to Dr. Giesecke."

Giesecke said "the University of Chicago is one of the world's great universities. The invitation to become a member of its faculty is an honor and a challenge."

He stated that "the newly established Graduate School of Education, whose faculty consists of the leading scholars and scientists in many departments of the univers-

ity, will devote critical study to the learning and teaching processes at every level, looking toward improvements in the entire American educational system."

GIESECKE ADDED that as professor of higher education, he will have opportunity to study some of the many problems facing America's colleges and universities and to look for measures that will help them better discharge the responsibility they have for the nature and quality of all education.

"I would be ungrateful if I did not pay special tribute to my splendid colleagues at Texas Tech. Working with all of them—President Jones, the faculty, the admin-

istrative team—has been a rare privilege and abundant in personal satisfaction.

"TO ALL OF them I express deep gratitude for their friendship and say 'God speed' as they continue the task of building a great institution.

"I hope most earnestly that the people of Texas will recognize the quality which Texas Tech has achieved in its brief years and that they will insist upon making available the funds to enable Texas Tech to attain its destiny as a university and as a great leader," he said.

JONES POINTED out that Giesecke "has made a vital contribution to Texas Tech in the five years he has served as academic vice president.



Dr. G. E. Giesecke

## 1958 FUND DRIVE SETS NEW HIGH

Loyalty Fund contributions reached an all time high this year with a total contribution of \$24,199.90. This amount tops last year's Fund drive by \$2,975.57.

District 7 led the contributions, with a sum of \$7,322.55. That district includes Lubbock, Wolforth, Idalou, Shallowater, and New Deal. District 16, composed of Dallas, Kaufman and Rockwall counties, was second and District 21, which includes Midland, Upton, Reagan and Glasscock counties was third.

Tabulations by class years put the class of '50 in the lead for the fourth consecutive year. In second place was the class of '57, followed by the class of '49. Seven classes gave more than \$1,000, and the class of '50 contributed more than \$2,000.

A breakdown of contributions by district and class years is shown on page 2, along with an explanation of the district organization.

## Ex Techsans Organize New Chapter at K. U.

Members of the Ex-Student's Association's newest chapter (at the University of Kansas) celebrated Homecoming festivities this year via radio and telephone.

THE GROUP met Nov. 22 in the home of Del Hartley, '51 grad, to celebrate the annual event and to organize a chapter. Open house was held for Tech exes in Lawrence, Kan., and friends of the college. To complete the Homecoming theme, Jack Merweather, '54 Uni-

versity of Arkansas grad, was a special guest of the group.

About 14 people attended the meeting. Tech, its growth and problems were discussed. Officers for the new chapter include Hartley, president; Howard Willingham, '56, vice president; Ronnie Averyt, '56, secretary; and Lynn Willingham, Jan. '59, treasurer.

THE CHAPTER is composed of Tech graduates who live in Lawrence, and exes who are doing graduate work at K. U.

## Honored Engineer Prof. Dies

H. F. "Pop" Godeke, for 22 years Tech's mechanical engineering department head and then professor emeritus, died Dec. 19 at West Texas Hospital in Lubbock.

He suffered a heart attack after a minor operation the previous day.

KNOWN affectionately as "Pop" by hundreds of engineering students, Godeke taught at Tech from 1930 until 1957. He helped organize and was the sponsor of Tau Beta Pi, engineering scholastic honorary, and served as vice chairman of Tech's athletic council for 19 years. He was a former state president of the American Society for the Education of Engineers, and belonged to Sigma Xi, graduate research honorary.

"He was one of the men who helped get Tech underway," commented Prof. Jack Powers, current department head. Under his guidance and direction, the engineering department was developed."

IN AN INTERVIEW when he retired, Godeke laughed, saying that when he came to Tech, "there was nothing but a bald prairie with no grass, but lots of grass burrs." He started out with seven seniors and an infant mechanical engineering department. When he retired the department had about 500 majors.

Godeke was born 77 years ago in Illinois. He earned his BS in mechanical engineering at the University of Illinois in 1905. In 1916 and 1918, he received a MS and a master of engineering degrees from that same school.

HE TAUGHT at the University of Illinois and for 12 years served as chief engineer for Fisk Rubber Co. Plant. He then came to Tech as an instructor.

Godeke is survived by his wife and two sons, Henry, of Muscatine, Iowa, and Richard, of Corpus Christi. Both are Tech graduates.

## Carr Heads '59 Officers

New officers for the Ex-Students Assn. were elected at the association's meeting at Tech in November.

Lubbock attorney, Warlick Carr, class of '40 was named president. He succeeds Curtis Sterling, '50, publisher of the **Brownfield News**.

OTHER 1959 officers elected include Jack Hinchley, '50, Midland engineer, first vice president; Manuel De Busk, '33, Dallas lawyer, second vice president; and Ed. Smith, '38, Lubbock certified public accountant, representative to the Athletic Council.

Association directors elected were Bob Work, '37; Clint Formby, '49; and Bob Dean, '48. L. C. Walker, '49, was re-elected executive secretary, and Wayne James, '57, was named assistant executive secretary.

LOYALTY FUND trustees are C. H. Lodal, Earl Fuson, Elmer Tarbox, Bill Scales, L. C. Walker, Rex Tynes, Bob Northington, Guy Blanton, Olaf Local, and Brac Biggers.

The Executive Board also met in November. Action taken by the group included setting Nov. 14, as the date for the 1959 Homecoming. The Board also approved a resolution offering the assistance of the Ex-Students Assn. to the Tech college administration in perpetuating the graduate program. The resolution was sent to Tech president E. N. Jones.

## 11 YEAR-OLD-BOY

# Raiders Reward Young Fan

Christmas came early for a young Tech fan this year — via a Santa Claus named Wayne James and the Ex-Student's Assn.

The Red Raiders had a lot of hard luck this past fall. They lost very close games to teams like Texas, Arkansas and Houston. Yet in the heart of an 11-year-old Farmersville boy named Ed Conner Hickman, they were champions.

LIKE HIS favorite team, Ed has had a lot of hard luck. He's been in a wheel chair all his life, a victim of cerebral palsy. He recently lost his father.

This year the Raiders had an opportunity to repay the lad for his loyalty to Tech. It all began when Frank X. Tolbert, **Dallas Morning News** writer, received a letter from Ed wondering if the Tech team would sometime give him a castoff football helmet with the autographs of the Raiders on it. Tolbert ran a notice of this in his column.

THE RAIDERS responded to this like champions, with head coach DeWitt Weaver and every member of the squad pitching in to grant their young fan's wish.

With the help of Tech ex Mrs. Revis Jordan Gray and her hus-

band, who live in Farmersville, James arranged to present the football helmet and a host of other gifts to the youngster at a party in his home.

The presents, given by the Red Raiders and the Ex-Student's Assn. included a bronze plaque giving Ed honorary membership into the Red Raider Club, two double "T"

sweaters, a fountain pen, a Red Raider bulletin board, a book on football, Texas Tech pennants, a copy of the 1957 La Ventana, football programs and Tech stickers, plus pictures of the coaches and players.

BEST OF ALL, Ed was given a football—the one used in Tech's victory over Texas A&M last fall.

In addition, a movie depicting life on the Tech campus was shown for Ed and his guests at the presentation party.

Leete Jackson of the Tech lettermen's association, said that the boy was going to get to sit with the team at a game played in the Cotton Bowl, maybe next season.

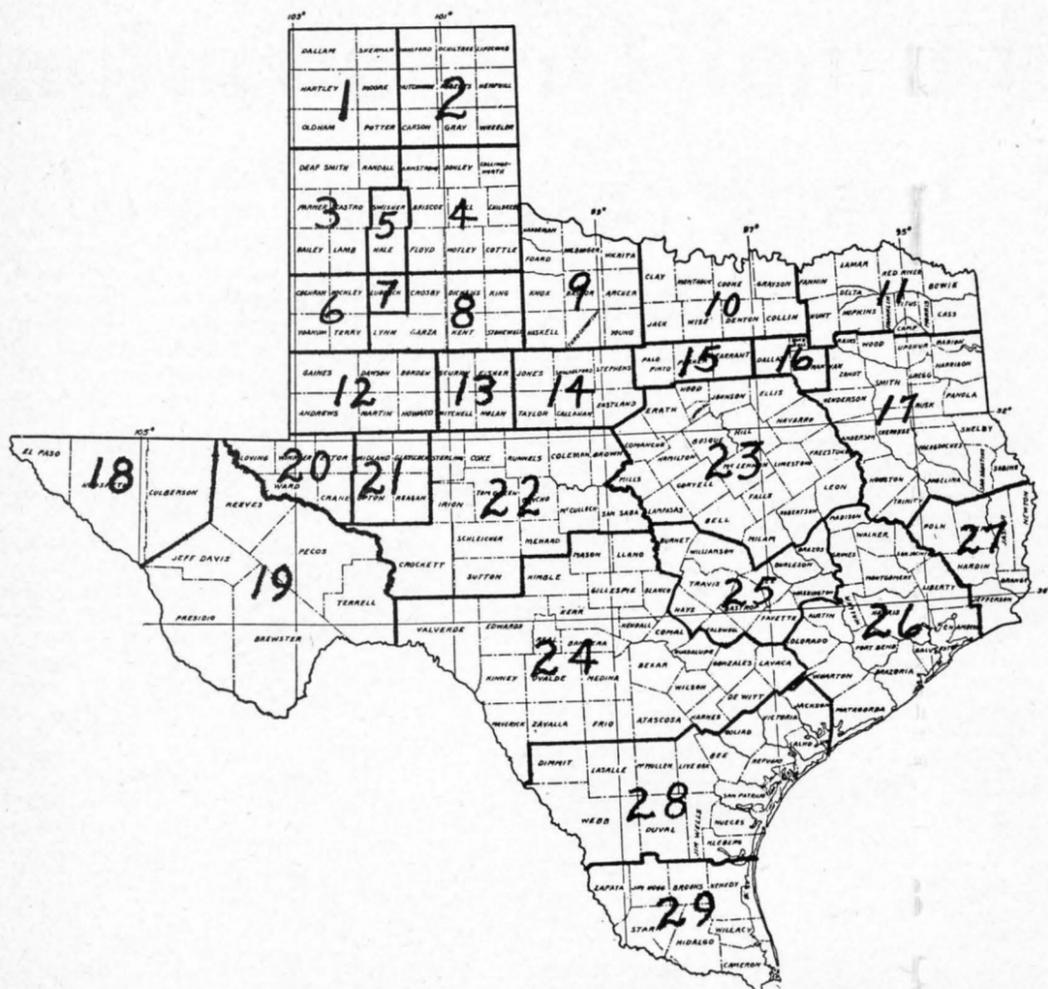
"Thank you! Thank You! Thank you!" was all that Ed could say.

HOWEVER, there was more in store for this young Techsan. Not to be outdone by the football team, the Tech basketball team sent the youngster an autographed basketball.

Ed, who is a straight A student, was chosen Poster Boy for the 1951 Dallas Crippled Children's fund drive. He began attending the Crippled Children's Center when he was only 18 months old.



EARLY CHRISTMAS FOR ED — A loyal Tech fan, Ed Conner Hickman, beams happily over the array of Tech momentos he received from his favorite team, the Red Raiders. Making the presentation are Wayne James and Revis Jordan Gray, a Tech Ex.



**ASSOCIATION DISTRICTS** — As indicated on the above map, Texas is broken into 29 Association districts, which follow county boundary lines. The rest of the United States is divided into Districts 30-36. **DISTRICT 30** includes Oregon, Washington, Idaho, California, Nevada, Utah and Arizona. **DISTRICT 31** is composed of the upper half of New Mexico, while the lower half of that state is **DISTRICT 32**. **DISTRICT 33** consists of Colorado, Wyom-

ing, Montana, North and South Dakota, Nebraska, Kansas, Missouri, Iowa, Minnesota, Wisconsin, and Illinois. Oklahoma, Arkansas and Louisiana compose **DISTRICT 34**. **DISTRICT 35** includes Michigan, Indiana, Kentucky, Ohio, Virginia, West Virginia, Maryland, Delaware, New Jersey, Pennsylvania, Rhode Island, New York, Connecticut, Massachusetts, New Hampshire, Vermont, and Maine.

# District 7 Leads in Loyalty Fund Giving

District	Number of Exes	Number giving in 1957	Number giving in 1958	Per Cent Contributing	Amount
1	510	74	126	24.7	\$ 886.70
2	452	62	102	22.5	918.40
3	531	55	67	12.6	332.50
4	360	31	36	10.0	191.50
5	430	52	70	16.3	491.30
6	602	79	61	10.1	434.75
7	3363	933	818	21.3	7322.55
8	482	79	82	17.0	518.10
9	285	62	47	16.5	267.60
10	200	16	20	10.0	106.50
11	215	11	5	2.6	19.20
12	492	51	66	13.4	352.10
13	311	28	55	17.7	305.40
14	390	44	91	23.3	515.24
15	781	103	113	14.5	762.85
16	883	137	211	23.6	1481.00
17	204	41	35	17.1	195.00
18	185	29	30	16.2	267.30
19	105	7	14	13.3	98.10
20	382	30	80	20.9	480.20
21	545	99	199	36.5	1660.65
22	335	33	34	10.1	209.00
23	315	49	46	14.6	236.00
24	236	36	26	11.0	313.00
25	231	31	28	12.1	194.25
26	667	129	121	18.1	859.81
27	106	17	17	16.0	126.02
28	183	36	28	15.3	179.00
29	86	24	22	25.5	100.95
30	311	109	103	33.0	559.01
31	369	63	97	26.3	898.55
32	285	41	48	16.8	288.45
33	540	82	77	14.2	437.70
34	532	94	100	18.8	554.48
35	539	105	108	20.0	760.93
36	305	57	61	20.0	469.45
*APO	107	22	11	10.3	60.36
**OUSA	141	22	35	24.9	346.00
<b>TOTAL</b>	<b>16996</b>	<b>2971</b>	<b>3285</b>	<b>19.3</b>	<b>\$24,199.90</b>

\* Service man  
\*\*Out of the USA

## Tech, Vogue Premier New Spring Fashions

A national premier of women's spring fashions was held Jan. 27 at Tech, with the School of Home Economics, Vogue Patterns and other national manufacturers cooperating.

New spring fashions for "around the clock" was the theme of the show, which presented new Vogue spring patterns for 1959 plus new fabrics and accessories of other manufacturers.

**THIS WAS THE** first national fashion event of its kind ever held in West Texas. The new fabrics and accessories and most of the patterns shown went on sale in stores throughout the country Jan. 28.

Cotton — from sheer gossemer-like voiles to heavy coatings—was made into garments by more than

40 students in the clothing and textiles department. Dr. Gene Sheldon, head of the department, supervised the work. Some of the designs were so new that the actual patterns weren't ready in time for the students to work on them. These designs were draped on dress dummies and exhibited along with the rest of the fashions.

**FABRICS AND** patterns were selected for round-the-clock activities, and included appropriate apparel for activities ranging from leisurely breakfasts to gardening, afternoon shopping, meetings, luncheons and teas.

Attire for formal and informal evening affairs were presented, and the show was climaxed with garments for a bridal party. Tech coeds modeled the fashions.

### HOT POTTERY

## Radioactive Plates Puzzle Tech Ex

A. D. Ray, 1938 geology grad, has discovered a new household gadget, which may someday become an indispensable item in the modern home—a geiger counter.

Ray, who sells light fixtures and is a part-time prospector, discovered early in December that the geiger counter is useful for detecting radioactive household equipment.

**ONE DAY HE** had the geiger counter out and noticed that it was recording some radioactive substance nearby. Upon checking closer, he discovered that some of his wife's pottery, which evidently had a radioactive substance in its paint, was emitting radioactive rays.

The next morning, Dr. Henry

Thomas, Tech physics department professor, began tests on how many roentgens, a measure of radioactivity, the pottery was emitting.

**THOMAS SAID THAT** just one roentgen can shorten a person's life by perhaps one day.

However, he said that the rays are short-ranged, and a person would have to be very close to the pottery to be hit by the rays. Only constant exposure can cause any real harm, he added.

**RAY IS VICE** president of the Lubbock gem and mineral club. He and his wife, the former Nell Walker, also a 1938 grad, moved to Lubbock from Plainview last year.

### EX TECHSANS LEAD LUBBOCK

Lubbock is said to be one of the fastest growing cities in the nation. And the city administration guiding this growing city is composed of five Texas Tech ex students.

The mayor and four city commissioners are all Tech exes.

Mayor Lennis Baker attended Tech three years; as did commissioner David Casey. The other Lubbock city commissioners are Otis Maner, '39 agriculture grad; Vernon Thompson, '38 business grad; and Homer Maxey, '31 business grad.

### New Contest For Beauties

The La Ventana Beauty contest took on a new form this year — a "Little Miss America" pageant contest, held in the Lubbock Municipal Auditorium.

The school beauties, heretofore selected by a Hollywood star after initial eliminations here, competed in two categories at the revue. They were judged both in bathing suits and formals.

**IN ADDITION** to selecting the top ten beauties, the judges chose a top beauty, who will be featured on the cover of the beauty section of the 1959 La Ventana.

Contest entrants faced an afternoon elimination contest before the 50 finalists appeared at the "Miss America" revue that night. Judges for the contest were Harold Creswell, editor of the Artesia, N.M. "Daily Press" and a 1957 journalism grad.; Mrs. Herbert Leaverton, former fashion model; and Jay Vaughn, of the Hondo Ski Lodge in Taos, N.M.

**THE TOP TEN WINNERS** were guests of La Ventana and Sigma Delta Chi, men's journalism fraternity, at the Hondo Ski Lodge for a weekend during the Christmas holiday.

## Class of 1950 Leads For 4th Straight Year

Class	Number	Amount	44	43	290.00
FOT*	5	\$ 48.50	45	36	192.37
NCG**	145	1166.05	46	61	294.50
25	1	5.00	47	100	573.50
27	10	71.00	48	165	1,192.00
28	13	118.86	49	224	1,561.75
29	56	745.00	50	297	2,099.75
30	35	345.50	51	215	1,425.25
31	51	468.50	52	172	1,176.25
32	58	808.00	53	138	862.50
33	52	744.25	54	106	622.25
34	43	391.00	55	115	667.88
35	44	554.75	56	108	588.78
36	63	547.50	57	291	1,692.50
37	63	600.50	58	96	550.10
38	78	575.75	59	3	10.00
39	90	883.75	60	1	5.00
40	90	640.50	Total	3,285	\$24,199.90
41	79	690.00			
42	79	570.73			
43	68	420.38			

\* Friend of Tech  
\*\* No class given

## Science Foundation Grants Money for Two Institutes

The National Science Foundation has awarded Tech a \$148,000 grant to hold two science institutes for high school teachers next summer.

Aim of the institutes will be to provide refresher schooling for high school chemistry and biology teachers, bringing them up-to-date on recent developments in the fields.

**DR. EARL W. CAMP**, Tech biology professor, will head the eight-week biology institute, and chemistry professor Dr. W. W. Wendlandt will direct the six-week chemistry institute.

Funds are available for a minimum of 78 chemistry teachers and 60 biology teachers, the professors said.

"We plan to select chemistry teachers with one or more years experience in high school teaching," Wendlandt said, "those who have reasonable expectations of continuing in the secondary field."

**BIOLOGY TEACHERS** will be selected "according to their need" for refresher training in the biological sciences, Camp stated.

Both institutes will be conducted by Tech faculty members and visiting professors and lecturers.

## Council Approves Engineers

Tech's department of petroleum engineering recently received accreditation by the Engineer's Council for Professional Development, and five other engineering departments were reaccredited.

The Council also recommended that master's degree programs be established in all departments as soon as possible.

**DEPARTMENTS** receiving reaccreditation include civil, electrical, industrial, mechanical, and textile. Still unaccredited is the chemical engineering, which is now joined with chemistry as a single department. The Texas Commission on Higher Education has given its approval for separation of chemical engineering into a separate department. This is expected to improve chances for accreditation.

"The program in petroleum engineering at Tech has made rapid strides since the last inspection in 1956, and is now ready to be accredited," the letter from the Engineer's Council stated.

**IN RECOMMENDING** more graduate work for continued accreditation, the Council's inspection team said that "this would aid materially in obtaining staff and expanding research for which no state support is presently given."

The report praised library facilities but criticized the low salaries of faculty, lack of funds for maintenance and travel, and the largeness of certain classes.

The Texas Commission on Higher Education has approved establishment of master's degree work in civil and mechanical engineering. Advanced degrees are already offered in electrical and chemical engineering.

**THE COUNCIL**, composed of representatives of all segments of the engineering profession in the United States, is the national accrediting agency in engineering education. Approval by it indicates a program rates in the top ranks among U. S. colleges and universities.

## West Hall Will Close

West Hall, one of Tech's oldest dormitories, will be closed to non-athletic residents during the spring semester.

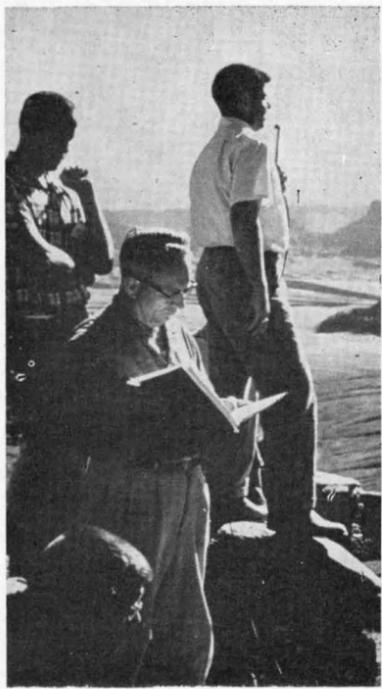
M. L. Pennington, vice president and comptroller of the college, described the action as a "purely economic" one.

**HE SAID THAT** in order to justify the operation of a dining hall, it is necessary to have a minimum of 180 or 190 men in the dorm. During the fall semester, there were only 132 men living in the non-athletic section of West.

It was possible to operate the dorm during this period only because part of the residents of the new men's dormitories were eating in West. However, the cafeterias in these new dorms will be opened for the spring semester. This will leave only a small number of diners in West and force the closure of the non-athletic portion of the dorm, Pennington explained.

**THE COMPTROLLER SAID** there will be sufficient vacancies in the three older dorms—Bledsoe, Gordon and Sneed—to house residents of West who will have to move out. In addition, there is plenty of room in the four new dorms for these men.

All athletes will continue to live in West.



Tech grad Bob Norman (holding microphone) lectures to a group of geologists at Dead Horse Point, near Moab, Utah.

## Language Research Receives High Rank

Texas Tech ranks among the leading U. S. colleges and universities in modern language research, according to the Modern Language Association's 75th anniversary edition of "Publications."

Tech faculty members have contributed 15 articles to the association journal since 1934, ranking in amount of scholarly production with production faculties at Southern California, Tulane and Maryland.

**ARTICLES CONTRIBUTED** by Tech professors included four each by Dr. A. L. Strout and Dr. Eunice J. Gates, three by Dr. C. B. Qualia, two by Dr. W. B. Gates, and one each by Dr. L. E. Bowling and Dr. T. E. Hamilton.

## Tech Faculty Member Dies In His Home

A. O. Monasch, assistant professor of mechanical engineering at Tech, died Jan. 1 at his home in Lubbock. He had suffered a heart attack earlier in the week.

Monasch, who was 80, had been a member of the Tech faculty since 1949.

**HE WAS BORN** in Germany, and received the equivalent to a master's degree in mechanical engineering at the Technische Universitaet, Berlin-Charlottenberg, Germany in 1909. From 1909 through 1938, Monasch served as an electrical engineer and manager of an industrial firm in Germany.

For three years prior to coming to Tech, he taught in the American University in Berlin.

**HE IS** survived by his widow, two sons and a daughter, Miss Charlotte Monasch, who is assistant catalog librarian at Tech.

## Speech Meet Held

A regional "Shoptalk" day was held by the Tech Speech Department Jan. 31, in cooperation with the Texas Speech Assn.

Speech teachers from kindergarten to graduate school level were invited to the meet, which was dedicated to a cooperative sharing of ideas including both curricular and extra-curricular planning.

# Unusual Organization Helps Promote Tech

Tech alumnus Robert R. Norman has discovered a new way to promote his school — through an unusual chamber of commerce.

**NORMAN IS** a district geologist for the Delhi-Taylor Corporation's vast multi-million dollar potash deposit at Moab, Utah. He heads the office at Moab and is responsible for the exploratory drilling and mapping as the potash development continues. It is believed that this is the largest such deposit in the U. S.

The unusual organization of which Norman is a very active member is constantly promoting various Moab enterprises, including motion picture production, aviation, electronics, minerals, tourism, sports, and now Texas Tech.

**THE PROMOTION** of Tech, which was Norman's idea first came about 18 months ago when he decided that the amazing variety of geological stratigraphy in the Moab area would afford an excellent "text book" for geology students. Knowing that Tech's geology department sends students out on summer field projects he visited Tech geology staff members who were then stationed in Colorado and brought them to Moab to see for themselves some 300-million years of the earth's skin exposed.

The Tech ex arranged transportation over the area by car, boat, and plane, and sold the geology instructors on the idea of a summer field location there.

**AS PLANS FOR** the projects were laid, many additional possibilities came to light, and eventually, between Tech and the Moab Chamber of Commerce, the Intermountain Research Foundation, with headquarters at Moab, was formed.

In addition to geology, other studies such as zoology, archeology, anthropology, biology, physics and chemistry may be included in the program.

Other Tech officials visiting the area later were impressed with the

beautiful mountain and desert scenery of the country, and decided to help Moab form an Art Center for music, painting, dramatics and applied arts. Bob Norman also helped get this project under way, and has been appointed a trustee to serve on the board with Tech faculty members for the Intermountain Research Foundation.

**NORMAN** graduated from Tech in 1949 with a BS in petroleum geology. He had previously served as a marine pilot in World War II. After graduating, he was associated with National Geophysical Co., Shell Oil and Arabian-American Oil. From July, 1952, through 1954, he was the director of Delhi Oil Corporation's field geology on the Colorado Plateau with emphasis on oil and uranium exploration and development. Later, Norman was active as an independent consulting geologist with offices in Moab. In 1955 he was given his present position.

**IN ADDITION TO** his work on the research foundation, he is a director of the new Moab Museum, on the Chamber of Commerce aviation committee, on the board of directors of the Towne and Country Club, and on the community service committee of the Rotary club. He was reservation chairman for the Ninth Annual Field Conference (1958) of the Intermountain Assn. of Petroleum Geologists. He also belongs to several professional organizations, and is an avid photographer, rock collector and deer hunter.

He is often asked "When do you find time for all this civic work?" His reply: "I don't play bridge."

## Tech Installs Honorary Frat

A chapter of Beta Alpha Psi, national honorary and professional-accounting fraternity, will be installed at Tech in February.

One of the main requirements in obtaining a chapter of the fraternity is that the college or university applying be a member of the American Assn. of Collegiate Schools of Business, according to Tech professor, Dr. Fred Norwood. Tech became a member of the association last May.

**NATIONAL STANDARDS** of the organization require a minimum scholastic average of 1.65 overall grade-point and a 2.00 grade point in accounting courses.

Six faculty members and 22 students members will be initiated.

## Tech Profs Get Grants

The National Science Foundation has awarded grants worth \$18,000 to two Texas Tech engineering professors.

Donald J. Helmers, associate professor of mechanical engineering and a Tech grad, and Keith Marmion, assistant professor of civil engineering, received the grants. They will use the awards for studying toward PhD degrees in their respective fields, beginning next September.

**"WE ARE VERY** proud that these two faculty members have been selected for National Science Foundation grants," Dr. John R. Bradford, Tech Engineering School dean, said. "We feel it is also a recognition of the caliber of engineering faculty we have at Tech, and we constantly encourage all of our staff to work toward advanced degrees."

Helmer's award is a nine-month's salary grant plus travel and tuition costs. He will work on a doctorate in mechanical engineering, at either Texas A&M or Stanford University in California.

**MARMION'S AWARD** includes a 12-month's salary grant plus travel and tuition costs. He plans to do advanced study in hydrology at the University of California at Berkeley.

Helmers received his bachelor's degree in mechanical engineering at Tech in 1958., and earned his master's at the University of Michigan in 1950.

Marmion received a BS in civil engineering at the University of Denver and his master's at the University of Colorado.

## Tech Exes Compete for Speaker of House Post

In what was described as one of the closest contests in recent Texas legislative history, two Tech exes competed for speaker of the House of Representatives of Texas last month.

Both Waggoner Carr, of Lubbock, who was named to his second consecutive term as speaker, and his opponent, Joe Burkett, of Kerrville, attended Tech.

**BURKETT LOST** the race to Carr by a narrow margin — 79 to 71. This is one of the narrowest margins of victory in the history of the Texas legislature.

Carr, 40, was first elected to the legislature in 1951, and was named speaker in 1957. He first entered public life in 1948 as an assistant district attorney in Lubbock, and the following year was elected county attorney.

**HE WAS** graduated from Tech in 1940 with a BA in government, and later was graduated from the University of Texas Law School. Carr is married and has one son. A native of Eastland county, Burkett has been a member of the state legislature since 1951. The

46-year-old Kerrville attorney also served as justice of the peace, county attorney and county judge.

**HE ATTENDED** Peacock Military Academy, Tech and Cumberland University. He was admitted to the State Bas Assn. in 1934. Burkett is married and has two children.

## Tech Is on Cover

A full color picture of the Administration Building tower decorates the cover of Lubbock's new telephone directories.

**"WE'RE PROUD** and happy to have Tech represented on our first four color directory cover in Lubbock," said Southwestern Bell division manager John Whitcomb as he presented the first copy of the book to Tech president Dr. E. N. Jones. "I think we're fortunate to have an outstanding institution like Texas Tech located here," Whitcomb added.

He also presented Dr. Jones with a large framed copy of the directory cover.

# Basketball Season Nears End; Track Starts Soon

## Raiders Improve Slow TCU Down

Although the Raider basketball team has the same starting lineup they started with last year, they haven't looked like the contenders they were last season.

However, they have managed to make several excellent showings, despite disappointing losses to SMU and Arkansas. Their most outstanding night on the courts so far this season has been the surprise 61-57 win over TCU. Until that game, the Frogs had been undefeated in conference play, and it was beginning to look as if they were running away with the conference race.

**THE RAIDERS ALSO** proved their winning abilities in pre-conference games against such teams as Oklahoma, Louisiana State, and Missouri. The Missouri contest was a special feather in the Raider's cap, since that game was televised coast to coast as NBC's game of the week.

Tech stands pretty good in the individual scoring standings for conference play. After the Tech-TCU game, Leon Hill was tied with Baylor's Bob Turner for high individual scoring in conference play. Hill had completed 27 field goals and 33 free throws for a total of 87 points.

**IN INDIVIDUAL** scoring for the season, Hill, a 6-foot 6-inch senior from Sudan, was third, running behind Rice's Tom Robitaille and H. E. Kirchner of TCU. The Tech player had 86 field goals and 67 free throws for a season total of 232 points.

## Advanced Acting Is Offered

The speech department is offering a course in advanced acting and theater activities as a part of the evening program this spring.

A three-hour course, advanced acting will be open to regularly enrolled Tech students who have completed a beginning course in acting and to others who have had acting experience.

**THE CLASS**, which is being taught by Roland Schulz, assistant professor of speech, will meet two nights a week.

One session will be devoted to discussions and demonstrations of acting techniques. The other class period will consist of performances of scenes from plays by members of the class and critiques and discussions of the students' work.

**BY OFFERING** this course on the evening program, the speech department is enabling Lubbock residents and theater enthusiasts not able to attend daytime classes to further their interest in the theater, Schulz said.

## Prof. Get Honors

Four Tech faculty members have recently been elected or appointed to offices in professional organizations.

Arne W. Randall, applied arts head, has been appointed to a commission to study fine arts curriculum in Texas, and applied arts professor Dr. Bill Lockhart is vice-president of the Texas Art Assn.

Foreign language professors Theodor Alexander and Dr. Elaine Boney, are officers of the South Central Modern Language Assn.

## Tracksters Enter Sugar Bowl Meet

In a holiday track meet during December, the Tech track team finished fifth in three events at the Sugar Bowl track meet.

Dick Murphy, sophomore hurdler, finished in the number five spot in the 120-yard high hurdles, and the sprint and mile relay teams also shared the fifth slot. The relay teams, hurt by the loss of Tommy Patterson and Doyle Herring, were forced to use the same team for both races.

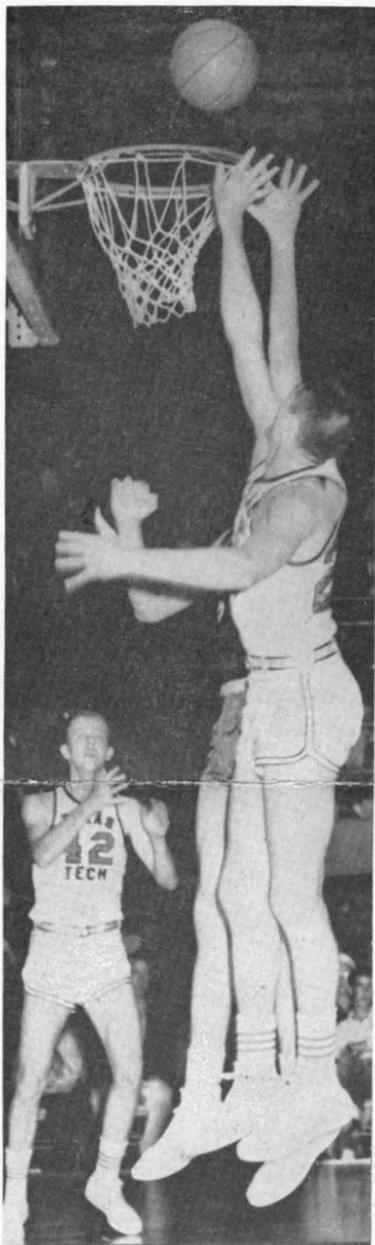
**IN THE PRELIMINARIES** Murphy placed second in high hurdles, but hit five hurdles in the finals, causing him to lose balance and perhaps a higher placing.

Track coach Don Sparks predicts that the team will get a boost next semester with the expected return of Pete Dyson, a miler who had to drop out of school last semester.

The Raider tracksters will begin full season play March 6-7 in the Border Olympics at Laredo. They will then travel to Fort Worth for the Southwest Recreational meet March 13-14. On March 21, Tech's track team will participate in the San Angelo invitational meet, and on April 3-4, they are scheduled to compete in the Texas Relays.

**THEIR NEXT CONTEST** will be the North Texas State College Relays, April 11 at Denton. On April 18, the Raiders will meet with Abilene Christian, North Texas and Arizona in Abilene. They will then hit the road for Des Moines, Iowa, and the Drake University relays, April 24-25.

On May 2 the Raiders will host the Triangular meet here at Tech. Then on May 8-9 they will go to College Station for the Southwest Conference meet.



**GO! III** — Charley Lynch jumps high against an opponent to score a basket as teammate Chuck Key looks on, ready to get the rebound in case the ball rolls off the rim. The game was played in the Municipal Coliseum, before a capacity crowd of more than 10,000.

## Tech Sponsors Pre-Med Day

The first annual Pre-Med Day was held on the Tech campus during the fall semester.

The special day was designed for area high schoolers and others interested in becoming physicians or dentists, and will become an annual affair.

**INVITATIONS WERE** sent to high schools within a 100-mile radius of Lubbock by the official sponsors of the occasion, the Pre-Med Club and Alpha Epsilon Delta, pre-med honorary.

Students attending the convention were given information by Tech instructors and medical school authorities on how high schoolers can best plan for such training.

In addition, a medical student gave his viewpoint of the profession.

## Team Wins Contest

Competent executives aided by electronic computers, could conceivably control a market and bankrupt competitors within a short period of time, in the opinion of Mrs. Luta P. Eaves, assistant professor of accounting at Texas Tech.

**MRS. EAVES** along with five other college faculty members proved the value of electronic "brains" in a computer decision-making laboratory at Tulane University in New Orleans.

Eighteen business and economics faculty members from institutions in Texas, Louisiana and Mississippi were divided into three teams.

**EACH TEAM** was isolated in a laboratory room for eight hours without outside contact. They were given initial conditions of a company for which they were to make decisions and prepare a budget for three years.

Mrs. Eaves' team won over the others since their company's profits after taxes over the three-year period amounted to more than six million dollars. Their company finished with 49 per cent of the sales. The closest competing team earned a net profit of about two million dollars.

Mrs. Eaves said Tech's accounting department offers two courses in the control of electronic computers. One presents the basic concepts of computers and the other covers uses and operations of machines controlled by magnetic tape.

TEXAS TECHNOLOGICAL COLLEGE  
Texas Tech University,  
LUBBOCK, TEXAS 79402

BULK RATE  
U. S. POSTAGE  
PAID  
Lubbock, Texas  
Permit No. 268

EX-STUDENTS ASSOCIATION  
Texas Technological College  
Tech Station, Box 4009  
Lubbock, Texas

Form 3547 Requested

## Dean Bradford Is Member of Panel

John R. Bradford, Tech engineering dean, was a panel member at the 116th annual College-Industry Conference Jan. 26-27 at the University of Houston.

More than 500 educators and industrial executives exchanged ideas at the meeting sponsored by the American Society for Engineering Education.

**PRIMARY PURPOSE** of the conference was to discuss the view point of engineering schools toward their training problems. Particularly, Bradford said, "What advanced educational requirements are needed to fit the engineer to step into industry of tomorrow and cope with the technical advancements?"

The discussion subject of Bradford's panel was "A Scientific Versus a Practical Approach to Engineering Education."

He discussed the point of view taken by colleges and universities on the questions "What is the role of industry in advanced training of engineers? Is it more advantageous for industry to have broad-

based BS and MS men than highly specialized Ph.D.'s? Is there merit in engineers having some practical industrial experience coordinated with their college education?"

**BRADFORD POINTED** out that engineering education is moving more and more toward the theoretical.

He added however, that "The complete abandonment of practical applications of theory in engineering education would be a very serious blow and would create a generation of engineers unable to translate scientific discoveries into practical realities.

**HE ALSO COMMENTED** on requirements of the Engineering Council for Professional Development and how they shape curricula; the place of the engineer-scientist; on industrial contract research on college campuses; and on whether or not creative engineering begins at the college level.

Keynote speaker for the conference was Monroe E. Spaght, executive vice-president of Shell Oil Co.

## Japanese Want to Publish Latest Bowling Article

Dr. Lawrence E. Bowling, associate professor of English at Tech, is being recognized and honored abroad for his research and penetrating analyses of literature.

According to Prof. John Crowe Ransom, editor of *The Kenyon Review*, a Japanese magazine has requested permission to translate and publish Dr. Bowling's article entitled "Faulkner and the Theme of Innocence," which appeared in the summer issue of the *Review*.

**THE JAPANESE REQUEST** was submitted through the U. S. Information Service, which will pay for the rights to translate and reprint.

**THIS IS THE** second time Dr. Bowling has received international recognition for his research and evaluations of literature.

One of his articles on Shakespeare was recently reprinted in an anthology entitled *Humanities: Selected Readings*.

# Tech Ex Hits Big Time

(SEE PAGE 2)



# TEX TALKS

Published by Texas Tech Ex-Students Association

Texas Tech University  
LUBBOCK, TEXAS 79402

# First S W C Champs

(SEE PAGE 4)

May, 1959

Lubbock, Texas

Vol. X, No. 2

## Tech Acquires New Sub-critical Assembly

Tech has taken another step into the atomic age by completing installation of a sub-critical nuclear assembly.

The super-sensitive device is described by engineering dean John R. Bradford as "a reactor that never quite made it."

Tech graduate students in engineering and science will be able to experiment with basic nuclear

principles without any fear of intense quantities of radiation.

**THE ASSEMBLY'S** vital parts cannot be arranged in any way that makes them dangerous, Dean Bradford explained. This makes the assembly constantly available for student use without an involved safety program.

The assembly contains approximately \$100,000 of natural, pure uranium suspended in a "honeycomb" of 259 aluminum tubes. In the lattice's center is a 260th tube filled with \$8,000 of plutonium-beryllium neutron sources.

**THE CENTER TUBE** pours forth 40 million neutrons per square centimeter per second, creating radioactivity for experiments.

Students are protected from the rays by a buffer of water in which the lattice is submerged.

Many of the experiments will involve less radiation than is given off by a radium-dial watch. Most tests will be conducted at a radiation level no greater than would be had by working with a teaspoon of radioactive gasoline in 40 tank cars of fuel.

**YET HIGHLY** accurate measuring instruments will allow the students to learn by experience how to make the nuclear particles and radiation do their bidding.

The uranium and plutonium-beryllium is on loan from the Atomic Energy Commission, which already has supplied \$97,000 for the assembly and many auxiliary instruments. Tech is the ninth U. S. educational institution to get one of these assemblies.

Dr. E. N. Jones, Tech president, said installation of the unit is the first part of a Tech program to increase training in nuclear technology. Plans are under way to install a larger training reactor in a building especially designed for it.

**EDUCATIONAL** institutions and sections of the nation that fail to move ahead in harnessing the atom are likely to find themselves behind their competition, Dr. Jones pointed out.

"Likewise, all of us should shoulder our responsibility to discover and develop the new benefits to humanity within the atom," he said.

## New Loan Allotted Techsans

Texas Tech has been allotted \$7,341 in National Defense Education Act funds to be used for student loans before June 30.

The money may be used for loans not exceeding \$1,000 for 12 months and a maximum of \$5,000 through five years, according to James B. Whitehead, assistant dean of student life.

**WHITEHEAD, WHO IS** in charge of the fund, said he hopes every person interested in obtaining an NDEA loan will contact him because Tech's allotment for July, 1959, through June, 1960, will depend in part on the unused balance from the current fund at Tech.

The loans are at 3 per cent and may be repaid over a long period following termination of college attendance.

Whitehead said special consideration will be given students with superior academic backgrounds and desiring to teach in public schools.

**CONSIDERATION ALSO** will be given academic backgrounds indicating superior capacity or preparation in science, math, engineering or modern foreign languages.

Repayment must begin one year after a student ceases full-time study at Tech. Ten per cent of the loan — up to 50 per cent — will be cancelled for each year a participant teaches full-time in a public elementary or secondary school.

## Engineering School Head Calls for Graduate Effort

In a report to Tech's Board of Directors in April, engineering dean John R. Bradford called for a new emphasis in engineering at Texas Tech.

Bradford declared that Tech has in its first 33 years built a reputation for good undergraduate education.

"The next three and thirty must be devoted to an intensive prosecution of graduate efforts supported by research," he said.

He called for "research that is basic, applied and developmental; research that is sponsored and unsponsored; research that is big in scope, and research that is limited but powerful in its impact."

**ON OCT. 4, 1957,** Sputnik roared into the skies and the space age was upon us, Bradford pointed out.

"In the intervening two years, precious time, and, undoubtedly, many hundred thousands of dol-

lars in possible research contracts have been lost by Tech," he said.

He pointed out that in the past few months a new agency — the Institute of Science and Engineering has been under renewed discussion.

"This Institute should be given top priority in any consideration dealing with our graduate program in the sciences and engineering, and should, as soon as present fund-raising programs permit, have strong industrial and financial support," he said.

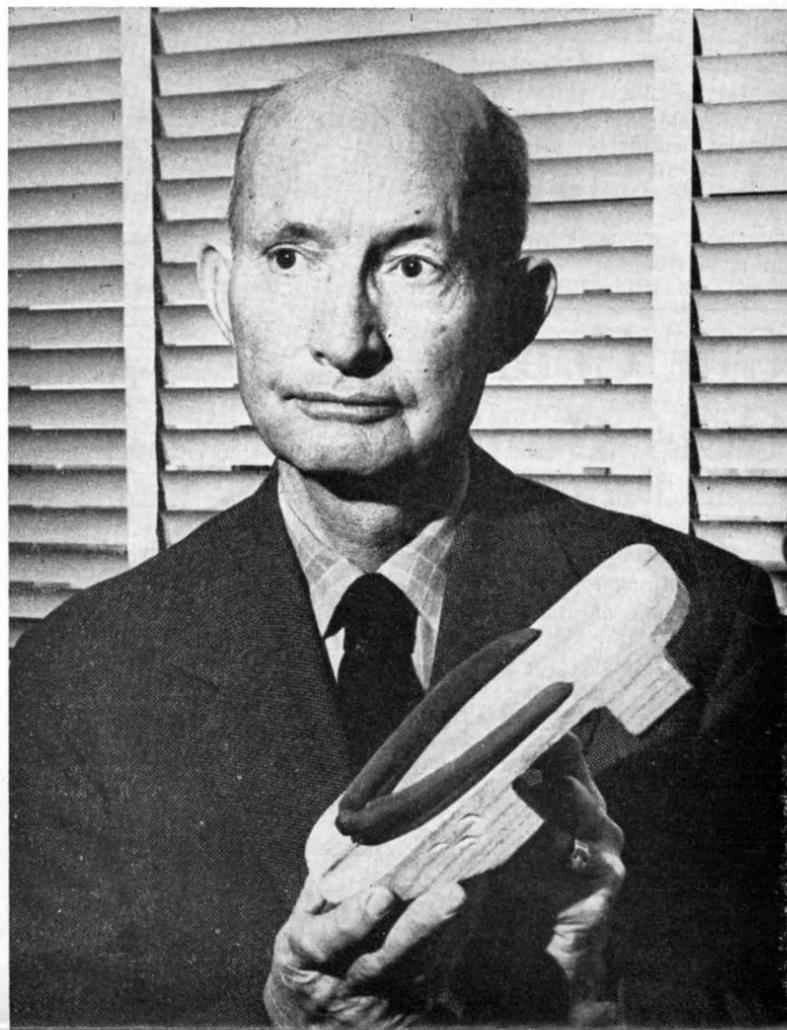
**POINTING OUT** a trend toward the need of highly specialized engineer-scientists, Bradford said the philosophy behind Tech's engineering curriculum is to maintain a well-balanced, up-to-date program based on an adequate amount of science and mathematics.

The engineering curriculum at Tech has been under constant study and revision and new courses and new methods have been developed, Bradford continued.

"It is the belief of the School of Engineering that our present programs are thoroughly adequate to allow our graduates to compete favorably with engineering graduates throughout the United States," he said.

**HE REPORTED** that Tech's Engineering School now is 28th in size among such units in this country. The impending tidal wave of students in the elementary and secondary schools will increase Tech's engineering school, Bradford pointed out.

Plans for development of a nuclear reactor center and a computer center were reviewed by the Tech engineering dean in his report.



**SWITCHING "WORLDS"** — Dr. C. D. Eaves, Tech authority on European history, displays something quite foreign to the Continent — a geta, or Japanese sandal for men. Dr. Eaves purchased the footpiece while in Japan during 1946-47. When he retires in July, the pioneer Texas educator plans to switch his concentration from Europe to the opposite side of the world, writing a novel with a Japanese setting. (Photo courtesy Public Information Department.)

## Oldtime Tech Prof Will Retire in July

Dr. Charles Dudley Eaves, whose classrooms have ranged from a one-room schoolhouse near Grapeland to the entire European continent, will retire as a Tech history professor in mid-July.

Announcement of the milestone in more than a half-century of his service in Texas education was made at a dinner given by his colleagues of the history department in February.

**DR. EAVES WAS** the first Tech faculty member to move his class to Europe. He's conducted history courses twice on the Continent, moving his students to actual sites of historic events for lectures, research and other study.

His career reflects the striking changes that have taken place in Texas education and economy in 51 years.

After graduation from high school at Grapeland, Eaves decided he wanted a college education. Teaching at that time was a well-paying profession. Eaves reasoned that he could teach a year and go to school a year.

**BECOMING A TEACHER** in the early 1900's required only passing an examination prepared by the State Department of Education and given by the county judge. Eaves' test score qualified him for a temporary certificate.

He made \$50 per month and paid \$8 per month for room and board.

"Shoes were \$1.50 per pair," he said.

Following his plan, Eaves obtained his permanent certificate from Sam Houston State Teachers College, a bachelor's degree from the University of Texas and master's from the University of Chicago.

**SANDWICHED IN WERE** superintendent and other positions at Santa Anna, Hamlin, Cameron, Hempstead, Ratcliff and Granger. Eaves became interested in college teaching and research in the early 1920's, when he spent summers on faculties at Howard Payne College, Mary Hardin-Baylor and Hardin-Simmons University.

He became a member of Tech's original faculty when the institution opened in 1925.

"What a mud bog," he recalls. "There were no paved streets and no sidewalks in or around the campus. Getting from a class in the Textile Engineering building to one in the Ad building in 10 minutes after a rain was a real feat."

**EAVES CLAIMED THAT** during one 13-incher, his car hit a mud hole on College Avenue and almost disappeared.

"I managed to get the door open and swim to the curb," he quipped. Eaves continued to grow with Tech, earning a doctorate from the University of Texas. A special-

See EAVES . . . Page 3

## Finnish Students Get Gift Books from Tech

Students in Helsinki, Finland's School of Economics, will have special opportunity to study American advertising and marketing know-how, thanks to a gift from Texas Tech.

When Finnish economist Jorma Pohjanalo visited Tech several years ago, he expressed an interest in the ways Americans have stimulated mass production and sales.

**BECAUSE OF THIS,** Drs. George Heather, Howard Golden and Vernon Clover of the business

department gathered a collection of books on advertising and marketing and gave them to Dr. Pohjanalo.

Dr. G. E. Giesecke, Tech academic vice president, has received a letter from Tiimi Tera, librarian at the Helsinki School, saying that Dr. Pohjanalo has given the collection to the School so it may be more accessible for students.

Arrangements for Dr. Pohjanalo's visit here were in charge of the Lubbock Chamber of Commerce's international affairs committee.

WITH 'DR. BILL'

# Tippit Hits Big Time

The long trek of hard work and many disappointments, stretching from a small studio in a garage in Lubbock to the bigtime in cartooning — a syndicated comic panel — was climaxed earlier this year for Tech ex Jack Tippit with the appearances of his comic panel "Doctor Bill."

The cartoon is appearing in numerous newspapers over the nation. The appearance of the panel is a high spot in a home-town-boy-makes-good saga for Tippit.

**TIPPIT ATTENDED** Tech as an advertising major. His wife, the former Christina Eller is a Tech

## Gin Course Gets Boost

A \$1,200 boost to cotton gin engineering education at Texas Tech has been made by two Lubbock firms, according to Dr. Gerald W. Thomas, dean of the School of Agriculture.

Bigham Gin Supply Co. and Anderson - Bigham Sheet Metal Works, Inc., have set up an annual \$1,200 grant for continued development of the cotton gin engineering course at Tech.

"**HAVING BEEN** in the supply business for more than 20 years, Verlon and Croft Bigham recognize the need for gin engineers and in this way are supporting the gin engineering program that was started at Tech in 1957," said Prof. Ira Williams, agricultural engineering department head.

The fund will be used for testing, demonstration and training equipment that will improve ginning instruction, Joe Jones, gin engineering instructor, said. In addition, the two firms are lending laboratory equipment to assist in classroom demonstrations.

**TO DATE, 22 MEN** have completed the gin engineering course at Tech. Seven students with a special interest in ginning are now taking advanced gin engineering work involving special problems in air conveying and air handling equipment, Jones said.

## New Fine Arts Center Opens in Utah June 3

Texas Tech will launch its Fine Arts Center at Moab, Utah, June 3 with two art courses and a feature writing workshop, each lasting three weeks.

Amid the colorful mountain settings, one class will study and practice art applications in elementary education. Another will concentrate in art appreciation with emphasis on personal work with water color.

**EACH COURSE** will include activities for advanced students as well as beginners.

Because of the setting, the first course is expected to lend itself to the development of art techniques for Bible schools and camps, Scout and Camp Fire work, and similar youth activities, according to Arne Randall, Center director.

Both courses will be taught by Randall, Tech applied arts department head, known for his art education methods and illustrations of children's literature.

**MRS. FLORENCE CARR** Randall, an experienced free lance writer, will teach a non-credit course in feature writing during the three-week session.

The art education course may be taken for three semester hours of

graduate, receiving a BA in journalism in 1947.

Cartoonist Tippit's panel was "born" in Lubbock, and more or less directly got its name there. Tippit often worked with Dr. William H. Gordon, Lubbock physician, in illustrating writings by the doctor and the two became close friends. Dr. Gordon encouraged Tippit in his work. In addition, the Lubbock "Dr. Bill" is the god-father of the Tippit children. "So it just seemed natural to me to name the new panel 'Dr. Bill,'" Tippit explained.

**THE RELATIONSHIP** more or less stops there, however, as Tippit's cartoon "Doctor Bill" gets himself into situations the Lubbock physician wouldn't find himself in.

In Tippit's panel, "Doctor Bill" is a little M.D. whose actions speak louder than his words.

Tippit-drawn cartoons have appeared in such national publications as Saturday Evening Post, Look, American Weekly, Collier's and Sports Illustrated. He has also done work for the McNaught Syndicate as well as King Features.

**SINCE MANY OF** the cartoons seen in American magazines are picked up and reprinted in foreign publications with captions translated for better or worse, the cartoonist has seen his work in magazines of Switzerland, Australia, France, Germany and South Africa.

## Many Trees, Shrubs Will Decorate Campus

More than 500 trees and 15,000 shrubs are being used to landscape the four new men's dormitories in a beautification program this spring.

A sprinkling system is also planned, after dirt which was left after construction of the dorms is moved.

The landscaping will furnish rich year-round color for the dormitories. Such shrubs as honey-

suckle and crepe myrtle will provide bright colors in the spring and summer and plants with berries and bright colored leaves like the youpon plant will flourish in the fall.

**GRASS IS BEING** planted this month, and the entire landscaping program effects should be seen by next fall, according to W. M. Gosdin, superintendent of grounds. The four dorms cover an area of 40 acres.

The landscape plans were arranged so that open areas for recreation will be available around the dorms. Included will be areas for seven football fields and three baseball diamonds.

Other areas will be available for organized games such as horseshoe pitching.

**ALSO INCLUDED** in the landscaping are parking lots for 1,000 cars.

One feature will be a windbreak of tall trees extending around the Flint Avenue perimeter on the north and west. Gosdin said this should cut down wind and dust considerably and improve running conditions on the Red Raider track adjacent to the dorm area.

The new landscaping will be watered from a mile and a half of underground pipes with approximately 800 outlets. The system is considered the most modern and economical plan for keeping large areas of grass in good condition.

**FOUR COURTYARDS** off the lounge areas of the new dorms will receive special landscaping treatments emphasizing advantages of outdoor living in the fall and spring.

Dorm service areas will be screened, adding to the beauty of the surroundings.

"When we're finished, this area should be the most beautifully landscaped part of our campus," Elo Urbanovsky, Tech landscape architect, said.

Tippit enrolled at Tech as an advertising major, and then dropped out for a four-year stint in the Air Force from 1941-45. After his return from the war, he re-entered Tech and met his future wife. They attended Tech until her graduation, and then Tippit transferred to Syracuse University, where he was graduated in 1949 magna cum laude with a bachelor of fine arts in advertising design.

**HE WAS RECALLED** to the Air Force in 1951, and served through 1953.

Tippit then returned to Lubbock, where he directed his talent mainly to commercial advertising and art. Work was done in a garage studio of his home.

Jack Tippit sold his first cartoon in 1947 to an obscure magazine. From then on, it was hard-driving struggle, he said, including more than 3,000 submissions of work in eight years. At one time, Tippit said he had more than 900 cartoons in the mail for submission to publications.

"**WHY, EVEN THE** family dog's name was 'Rejection Slip,'" Tippit said.

But the ex-Techsan held to his aim and now has achieved it — a syndicated strip.

Tippit and his wife have two children, Steven, 7, and Terry, 5. They moved from Lubbock to Westport, Conn., last year, to be closer to the "cartoon world market."

## TECH FACULTY HONORS EIGHT

Eight Tech faculty members who plan to retire this year were honored at a dinner sponsored by the faculty and staff in April.

The honorees included teachers who have announced their retirement since a similar dinner in the spring of 1955.

They are Mrs. Margaret B. Atkinson, L. R. Bunton, Dr. W. L. Stangel, Dr. W. M. Craig, Dr. C. D. Eaves, and E. L. McBride. They were introduced by their deans.

Also honored, but unable to be present at the dinner were Mrs. Sannie Callan and Miss Mabel Smith.

Dr. G. E. Giesecke, academic vice president, delivered the principal address. Honorary life memberships in the Faculty Club were presented to the retiring teachers.

Special guests included members of the Tech Board of Directors.

## Profs Write New Book

Better communication in science, agriculture and industry is the aim of a new textbook by three members of Tech's English faculty.

Houghton Mifflin Co. will publish the new text by Dr. Lola Beth Green, Grace Wellborn and Dr. Kline Nall next spring.

In addition to giving basic principles of technical writing, the book is thought to be one of the first of its kind to include specific examples in agricultural communications.

**SEVERAL TOP INDUSTRIAL** concerns cooperated with the Tech trio by providing examples of technical reports, professional articles, letters and other business communications.

The book is expected to serve as a reference in industry also.

Included in the text are examples of communications employing audio-visual techniques as well as printed matter.

**THE AUTHORS** surveyed every U. S. land-grant college and eight other technical institutions in an attempt to find strengths and weaknesses in the teaching of technical writing.

The Tech English teachers have been collaborating on the book for two years. Early versions of it have been used experimentally in actual teaching situations at Tech and San Angelo College.

## Prof Elected 1960 Delegate

Assistant professor of psychology Dr. Robert P. Anderson has been elected a delegate to the 1960 Assembly of the American Personnel Guidance Assn.

Anderson and Dr. James E. Kuntz, acting head of Tech's testing and counseling center, recently attended the association's 1959 convention in Cleveland, Ohio.

**AT NEXT YEAR'S** convention, Anderson will be a delegate from the APGA's division of rehabilitation counseling.

Kuntz and Anderson are co-authors of an article on study habits and attitudes in a recent "Personnel Guidance Journal."

Anderson is now working on a non-verbal, non-sighted intelligence test for the blind in cooperation with the Lubbock Counseling Service for the Blind.

**SINCE JOINING** the Tech faculty, he has been active in coordinating rehabilitation facilities at Amarillo Veterans Administration Hospital and the Big Spring State Hospital.

## Durham Replaces Dr. Fine

Dr. Ralph M. Durham, widely known throughout the Midwest for his work in animal science and genetics, has been named new head of Tech's animal husbandry department.

He succeeds Dr. Casey Fine who resigned last fall to rejoin the International Cooperation Administration.

Durham is currently in charge of the state-wide boar testing program in Iowa as a State Extension animal husbandman at Iowa State College at Ames.

"**WE ARE VERY** pleased to obtain the services of Dr. Durham and feel that he will make a real contribution to animal science in the Southwest," said Dr. Gerald W. Thomas, dean of the School of Agriculture.

"He is one of the more advanced and outstanding leaders in the basic approach to animal husbandry in the industry," Thomas added.

A native of Colorado where he was reared on a cattle and lamb feeding farm near Bristol in the Southeastern part of the state, Durham earned a BS degree in animal husbandry at Colorado A&M in 1948.

**HE RECEIVED A MS** degree in genetics at the University of Wisconsin in 1949 and a Ph.D. in genetics there in 1951.

He continued in research with beef cattle, sheep breeding and the physiology of reproduction with sheep at New Mexico A&M from 1951-53.

Returning to Iowa in 1954, Durham worked with the U. S. Department of Agriculture in a swine research project concerned with identifying meat-type hogs.

**THOMAS SAID** that Durham was one of the earlier animal scientists to recognize and publicize the economic significance of dwarfism in beef cattle during his work at New Mexico A&M.

"Dr. Durham feel that the application of records in livestock selection is essential in overall livestock improvement," Thomas said.

## Institute for Guidance Set

At the request of the U. S. Office of Education, Tech will conduct a summer institute on counseling and guidance for gifted high school students.

Commissioner Lawrence G. Derthick offered Tech a contract for \$30,000, calling for an institute June 1 through July 11.

The course will be limited to 30 participants, including 20 school counselors and 10 school administrators. The Tech conference is the only one scheduled to include administrators.

**THE INSTITUTE** will be part of this country's effort to find ways for discovering and encouraging gifted students to continue their education. Funds will be supplied through the National Defense Education Act and administered through the U. S. Office of Education.

Dr. Beatrice Cobb, Tech psychologist, will be in charge of the institute. Visiting consultants scheduled here include Drs. Robert J. Havighurst and John Shlien, University of Chicago; Dr. Merle Olsen, University of Illinois; and Dr. Robert Watson, Northwestern University.

**THE INSTITUTE** will study ways to identify gifted students, to organize for meeting their needs and to improve techniques for counseling with them.

WITH 'DR. BILL'

# Tippit Hits Big Time

The long trek of hard work and many disappointments, stretching from a small studio in a garage in Lubbock to the bigtime in cartooning — a syndicated comic panel — was climaxed earlier this year for Tech ex Jack Tippit with the appearances of his comic panel "Doctor Bill."

The cartoon is appearing in numerous newspapers over the nation. The appearance of the panel is a high spot in a home-town-boy-makes-good saga for Tippit.

**TIPPIT ATTENDED** Tech as an advertising major. His wife, the former Christina Eller is a Tech

## Gin Course Gets Boost

A \$1,200 boost to cotton gin engineering education at Texas Tech has been made by two Lubbock firms, according to Dr. Gerald W. Thomas, dean of the School of Agriculture.

Bigham Gin Supply Co. and Anderson - Bigham Sheet Metal Works, Inc., have set up an annual \$1,200 grant for continued development of the cotton gin engineering course at Tech.

"HAVING BEEN in the supply business for more than 20 years, Verlon and Croft Bigham recognize the need for gin engineers and in this way are supporting the gin engineering program that was started at Tech in 1957," said Prof. Ira Williams, agricultural engineering department head.

The fund will be used for testing, demonstration and training equipment that will improve ginning instruction, Joe Jones, gin engineering instructor, said. In addition, the two firms are lending laboratory equipment to assist in classroom demonstrations.

**TO DATE, 22 MEN** have completed the gin engineering course at Tech. Seven students with a special interest in ginning are now taking advanced gin engineering work involving special problems in air conveying and air handling equipment, Jones said.

## New Fine Arts Center Opens in Utah June 3

Texas Tech will launch its Fine Arts Center at Moab, Utah, June 3 with two art courses and a feature writing workshop, each lasting three weeks.

Amid the colorful mountain settings, one class will study and practice art applications in elementary education. Another will concentrate in art appreciation with emphasis on personal work with water color.

**EACH COURSE** will include activities for advanced students as well as beginners.

Because of the setting, the first course is expected to lend itself to the development of art techniques for Bible schools and camps, Scout and Camp Fire work, and similar youth activities, according to Arne Randall, Center director.

Both courses will be taught by Randall, Tech applied arts department head, known for his art education methods and illustrations of children's literature.

**MRS. FLORENCE CARR** Randall, an experienced free lance writer, will teach a non-credit course in feature writing during the three-week session.

The art education course may be taken for three semester hours of

graduate, receiving a BA in journalism in 1947.

Cartoonist Tippit's panel was "born" in Lubbock, and more or less directly got its name there. Tippit often worked with Dr. William H. Gordon, Lubbock physician, in illustrating writings by the doctor and the two became close friends. Dr. Gordon encouraged Tippit in his work. In addition, the Lubbock "Dr. Bill" is the god-father of the Tippit children. "So it just seemed natural to me to name the new panel 'Dr. Bill,'" Tippit explained.

**THE RELATIONSHIP** more or less stops there, however, as Tippit's cartoon "Doctor Bill" gets himself into situations the Lubbock physician wouldn't find himself in.

In Tippit's panel, "Doctor Bill" is a little M.D. whose actions speak louder than his words.

Tippit-drawn cartoons have appeared in such national publications as Saturday Evening Post, Look, American Weekly, Collier's and Sports Illustrated. He has also done work for the McNaught Syndicate as well as King Features.

**SINCE MANY OF** the cartoons seen in American magazines are picked up and reprinted in foreign publications with captions translated for better or worse, the cartoonist has seen his work in magazines of Switzerland, Australia, France, Germany and South Africa.

## Many Trees, Shrubs Will Decorate Campus

More than 500 trees and 15,000 shrubs are being used to landscape the four new men's dormitories in a beautification program this spring.

A sprinkling system is also planned, after dirt which was left after construction of the dorms is moved.

The landscaping will furnish rich year-round color for the dormitories. Such shrubs as honey-

credit, the art appreciation course for two semester hours.

In addition to paying Tech tuition and fees for the art course or a \$20 fee for the writing workshop, students may find living quarters in the scenic Moab area for as little as \$10 per person per week, Randall said.

**RANDALL HAS HAD** experience with many types of children's art. In addition to college teaching, he has been a teacher and administrator in public schools and summer playground programs.

He is co-author of a textbook, "Art in Education." Another of his books, "Murals for Schools," is going into its third printing and a new book on painting currently is being prepared for publication.

Many of Mrs. Randall's articles have been in children's literature. She is a regular contributor to "Highlights for Children" and is co-author of a children's book, "Ranch Life Today."

**THE ART AND** writing courses are only the initial program at the Center, Randall emphasized. Courses will be added in music, speech and other fields. An annual Utah pageant also will be produced.

Tippit enrolled at Tech as an advertising major, and then dropped out for a four-year stint in the Air Force from 1941-45. After his return from the war, he re-entered Tech and met his future wife. They attended Tech until her graduation, and then Tippit transferred to Syracuse University, where he was graduated in 1949 magna cum laude with a bachelor of fine arts in advertising design.

**HE WAS RECALLED** to the Air Force in 1951, and served through 1953.

Tippit then returned to Lubbock, where he directed his talent mainly to commercial advertising and art. Work was done in a garage studio of his home.

Jack Tippit sold his first cartoon in 1947 to an obscure magazine. From then on, it was hard-driving struggle, he said, including more than 3,000 submissions of work in eight years. At one time, Tippit said he had more than 900 cartoons in the mail for submission to publications.

"**WHY, EVEN THE** family dog's name was 'Rejection Slip,'" Tippit said.

But the ex-Techsan held to his aim and now has achieved it — a syndicated strip.

Tippit and his wife have two children, Steven, 7, and Terry, 5. They moved from Lubbock to Westport, Conn., last year, to be closer to the "cartoon world market."

suckle and crepe myrtle will provide bright colors in the spring and summer and plants with berries and bright colored leaves like the youpon plant will flourish in the fall.

**GRASS IS BEING** planted this month, and the entire landscaping program effects should be seen by next fall, according to W. M. Gosdin, superintendent of grounds. The four dorms cover an area of 40 acres.

The landscape plans were arranged so that open areas for recreation will be available around the dorms. Included will be areas for seven football fields and three baseball diamonds.

Other areas will be available for organized games such as horseshoe pitching.

**ALSO INCLUDED** in the landscaping are parking lots for 1,000 cars.

One feature will be a windbreak of tall trees extending around the Flint Avenue perimeter on the north and west. Gosdin said this should cut down wind and dust considerably and improve running conditions on the Red Raider track adjacent to the dorm area.

The new landscaping will be watered from a mile and a half of underground pipes with approximately 800 outlets. The system is considered the most modern and economical plan for keeping large areas of grass in good condition.

**FOUR COURTYARDS** off the lounge areas of the new dorms will receive special landscaping treatments emphasizing advantages of outdoor living in the fall and spring.

Dorm service areas will be screened, adding to the beauty of the surroundings.

"When we're finished, this area should be the most beautifully landscaped part of our campus," Elo Urbanovsky, Tech landscape architect, said.

## TECH FACULTY HONORS EIGHT

Eight Tech faculty members who plan to retire this year were honored at a dinner sponsored by the faculty and staff in April.

The honorees included teachers who have announced their retirement since a similar dinner in the spring of 1955.

They are Mrs. Margaret B. Atkinson, L. R. Bunton, Dr. W. L. Stangel, Dr. W. M. Craig, Dr. C. D. Eaves, and E. L. McBride. They were introduced by their deans.

Also honored, but unable to be present at the dinner were Mrs. Sannie Callan and Miss Mabel Smith.

Dr. G. E. Giesecke, academic vice president, delivered the principal address. Honorary life memberships in the Faculty Club were presented to the retiring teachers.

Special guests included members of the Tech Board of Directors.

## Profes Write New Book

Better communication in science, agriculture and industry is the aim of a new textbook by three members of Tech's English faculty.

Houghton Mifflin Co. will publish the new text by Dr. Lola Beth Green, Grace Wellborn and Dr. Kline Nall next spring.

In addition to giving basic principles of technical writing, the book is thought to be one of the first of its kind to include specific examples in agricultural communications.

**SEVERAL TOP INDUSTRIAL** concerns cooperated with the Tech trio by providing examples of technical reports, professional articles, letters and other business communications.

The book is expected to serve as a reference in industry also.

Included in the text are examples of communications employing audio-visual techniques as well as printed matter.

**THE AUTHORS** surveyed every U. S. land-grant college and eight other technical institutions in an attempt to find strengths and weaknesses in the teaching of technical writing.

The Tech English teachers have been collaborating on the book for two years. Early versions of it have been used experimentally in actual teaching situations at Tech and San Angelo College.

## Prof Elected 1960 Delegate

Assistant professor of psychology Dr. Robert P. Anderson has been elected a delegate to the 1960 Assembly of the American Personnel Guidance Assn.

Anderson and Dr. James E. Kuntz, acting head of Tech's testing and counseling center, recently attended the association's 1959 convention in Cleveland, Ohio.

**AT NEXT YEAR'S** convention, Anderson will be a delegate from the APGA's division of rehabilitation counseling.

Kuntz and Anderson are co-authors of an article on study habits and attitudes in a recent "Personnel Guidance Journal."

Anderson is now working on a non-verbal, non-sighted intelligence test for the blind in cooperation with the Lubbock Counseling Service for the Blind.

**SINCE JOINING** the Tech faculty, he has been active in coordinating rehabilitation facilities at Amarillo Veterans Administration Hospital and the Big Spring State Hospital.

## Durham Replaces Dr. Fine

Dr. Ralph M. Durham, widely known throughout the Midwest for his work in animal science and genetics, has been named new head of Tech's animal husbandry department.

He succeeds Dr. Casey Fine who resigned last fall to rejoin the International Cooperation Administration.

Durham is currently in charge of the state-wide boar testing program in Iowa as a State Extension animal husbandman at Iowa State College at Ames.

"**WE ARE VERY** pleased to obtain the services of Dr. Durham and feel that he will make a real contribution to animal science in the Southwest," said Dr. Gerald W. Thomas, dean of the School of Agriculture.

"He is one of the more advanced and outstanding leaders in the basic approach to animal husbandry in the industry," Thomas added.

A native of Colorado where he was reared on a cattle and lamb feeding farm near Bristol in the Southeastern part of the state, Durham earned a BS degree in animal husbandry at Colorado A&M in 1948.

**HE RECEIVED A MS** degree in genetics at the University of Wisconsin in 1949 and a Ph.D. in genetics there in 1951.

He continued in research with beef cattle, sheep breeding and the physiology of reproduction with sheep at New Mexico A&M from 1951-53.

Returning to Iowa in 1954, Durham worked with the U. S. Department of Agriculture in a swine research project concerned with identifying meat-type hogs.

**THOMAS SAID** that Durham was one of the earlier animal scientists to recognize and publicize the economic significance of dwarfism in beef cattle during his work at New Mexico A&M.

"Dr. Durham feel that the application of records in livestock selection is essential in overall livestock improvement," Thomas said.

## Institute for Guidance Set

At the request of the U. S. Office of Education, Tech will conduct a summer institute on counseling and guidance for gifted high school students.

Commissioner Lawrence G. Dertthick offered Tech a contract for \$30,000, calling for an institute June 1 through July 11.

The course will be limited to 30 participants, including 20 school counselors and 10 school administrators. The Tech conference is the only one scheduled to include administrators.

**THE INSTITUTE** will be part of this country's effort to find ways for discovering and encouraging gifted students to continue their education. Funds will be supplied through the National Defense Education Act and administered through the U. S. Office of Education.

Dr. Beatrice Cobb, Tech psychologist, will be in charge of the institute. Visiting consultants scheduled here include Drs. Robert J. Havighurst and John Shlien, University of Chicago; Dr. Merle Olsen, University of Illinois; and Dr. Robert Watson, Northwestern University.

**THE INSTITUTE** will study ways to identify gifted students, to organize for meeting their needs and to improve techniques for counseling with them.

# Tech Golfers Take SWC Championship

The victory bells chimed out the last week in April on the Tech campus, proclaiming Tech's first Southwest Conference Championship.

This coveted title was won April 27 by the Red Raider golfers, who became the first athletic team here to achieve this goal.

The golfers came in ahead of Baylor 4½-1½ to clench the title under the handicap of blowing dust. The Raiders were even up at the midway point, but pulled

away to win the title from TCU's Horned Frogs.

**JOHN PAUL CAIN** cinched the title with a three-foot putt on the eighteenth hole. Cain sank the putt; had he missed, TCU would have had a chance to tie the Raiders for the title.

John Farquhar beat Don Pergemore, 4-3. Farquhar had a 73 and Pergemore had a 77 for the course. Cain defeated Don Harmon 2-up. He posted a 75 while Harmon came in with a 76.

Johnny Arreaga downed Don Kaplan, 2-1. Arreaga had a 74 against Kaplan's 79.

**CHRIS BLOCKER** beat Jerry Coats, 5-4. Blocker posted a 76 and Coates, 79.

Going into the contest, Tech was only two points ahead of the TCU team. This means that the

Tech squad clinched the title by ½ a point. Had the Raiders won with a 4-2 margin, the Frogs would have had the chance to tie them, with a 6-0 win at Austin against Texas.

Each of the Tech players was jubilant after the contest. It was one thing to win the conference, but it was also an honor to be the first in what is hoped to be a long line of victories over SWC members.

**THE RAIDERS** will next try for wins at the Southwest Conference Spring Meet scheduled May 7 at College Station.

A week prior to their championship game against Baylor, the Raider golfers dubbed the Texas Longhorns 6-0, making the conference victory possible.

## New Ideas Discussed

New ideas in economics, accounting, history and sociology were discussed by Texas Tech professors and instructors at the Southwestern Social Science Assn. meeting at Galveston in March.

Dr. Robert Rouse, Tech economics departments head, was chairman of one of the morning economics sessions. Dr. Lester Levy, assistant professor of economics, delivered a paper entitled "Critical Evaluation of Current Theory Concerning the Public Debt."

**IN THE HISTORY** section of the meeting, Dr. L. L. Graves, associate professor of history, read a paper, "Yankee Builders of the Texas Capitol."

Dr. L. L. Blaisdell, assistant professor, served as chairman of a history section meeting on European diplomacy and Dr. M. L. Dillion, gave a critique of a paper.

Reading papers before sessions of the Southwestern Sociological Society were Dr. E. L. Koos, sociology professor, and Dr. Juitus River, assistant professor of sociology.

**ALSO ATTENDING** the social science meeting were Dr. Vernon Clover, economics professor; Dr. Reginald Rushing, accounting department head; Dr. Fred Norwood, accounting professor; Dr. Wayland Bennett, agricultural economics department; Burl Hubbard, assistant professor of management; and Dr. S. M. Kennedy, assistant dean of Arts and Sciences.

## Summer Physics Institute Open to Qualified Students

High school students with outstanding ability in physics will have an opportunity to study in a special institute here this summer.

Tech is among 105 colleges and universities that will be offering a summer science training program for high school students under a \$5,000 National Science Foundation grant.

"Qualified students from throughout Texas, New Mexico and Oklahoma may apply to attend the five-week special physics course," J. W. Day, Tech associate professor of physics, announced.

**THE COURSE** will be offered from June 8 to July 11 under di-

rection of the Tech physics department. Enrollment will be limited to 26 students, Day said.

"This expanded program of the National Science Foundation is designed to encourage scientific interests of secondary school students of high ability," he said.

"It provides an opportunity for them to associate with college-level summer programs in science, mathematics and engineering, designed especially for them."

**IN ADDITION TO** regular classroom and lab work, the Tech physics course will feature special lecturers and a field trip to research labs at a national defense installation or in Dallas, Day added.

Cost of tuition, books and the field trip is provided by the National Science Foundation. The only cost to participating students is transportation to and from Tech, board and lodging and personal expenses. Students will live on campus.

Tech is the only one of the eight Texas institutions participating in the National Science Foundation program to offer a course in physics.

## \$400 Award Set

A \$400 scholarship for women — the largest single award ever set up especially for Tech coeds — has been established by Mortar Board, national honorary society for senior women, at Tech.

**THE AWARD**, formally called the scholarship of Forum Chapter of Mortar Board, will be awarded each year to a junior or senior woman student at Tech.



SWC CHAMPS — On the back row are Don Nix, Hobbs, N.M.; Ben Alexander, Lamesa; Chris Blocker, Jal, N.M.; Don Kaplan, Borger; Don

O'Neal, Brownfield. Front row: Jim Johnson, Levelland; John Farquhar, Amarillo; John Paul Cain, Sweetwater.

BULK RATE  
U. S. POSTAGE  
PAID  
Lubbock, Texas  
Permit No. 268

SOUTHWEST COLLECTION  
Texas Tech University,  
LUBBOCK, TEXAS 79409

DR SEYMOUR V CONNER  
DIRECTOR SOUTHWEST COLLECTION  
MUSEUM, TEXAS TECH CAMPUS

EX-STUDENTS ASSOCIATION  
Texas Technological College  
Tech Station, Box 4009  
Lubbock, Texas

Form 3547 Requested

## Workshop, Travel Set for Summer

A full summer of special workshops and travel courses has been planned for Tech this year.

Special workshops are being offered by the departments of speech and journalism, and three travel courses are scheduled, one to Europe, one to Mexico, and a theater tour of the United States.

A high school speech workshop is being offered by the department of speech. Instruction in dramatics, declamation, debate discussion, extemporaneous speaking, poetry reading and radio and television experiences will be included in the workshop.

**HIGH SCHOOL** juniors, sophomores and outstanding freshmen are eligible for the workshop. Special assistance in the Tech Speech Clinic will be available to students with particular speech problems.

Students interested in dramatics will produce as many plays as can be cast from the group. Theory and practice of make-up, costuming and lighting will be emphasized.

The journalism department is offering two high school workshops, one in publications photography one for newspaper and yearbook personnel.

**THE PUBLICATIONS** photography course, open for students and teachers with limited knowledge of photographic techniques, will include a comprehensive two-day photo short course. The course will emphasize shooting pictures, composition, darkroom techniques and picture editing.

The newspaper-yearbook workshop, open to editors, business managers and other staff members of high school newspapers and yearbooks will consist of four days of concentrated instruction in all major phases of publication work. This will include news writing techniques and editing, as well as production of one issue of the Treador, Tech student newspaper.

**ART TODAY** — a field trip to Mexico — will be offered during the first summer term by the applied arts department.

A two semester hour credit course, the trip will be conducted through the ruined and preserved cities, world famous beaches and art centers of Mexico.

First stop on the tour, which begins at Nuevo Laredo, will be San Miguel. From there, the group will go through ranch country and beautiful mountains to Mexico City. Included in the tour of Mexico City will be a visit to Chapultepec Park, Palace of Fine Arts and the Museum of Anthropology.

The Guadalupe Shrine and the pyramids, both monuments to religious ideologies, will also be seen before the group goes further southward to Oaxaca, the site of the Mexico State Museum. Nearby are the ruins of both Mitla and Monte Alban, dating back as far as 600 B.C.

**NINETEEN DAYS AND** 5,000 miles of theater-going will be offered by the speech department to 25 students this summer.

The tour includes performances of the year's outstanding successes in New York, and visits to important theatrical events in the central and eastern part of the United States and Canada.

Students will travel by chartered bus. Discussions of current plays and new developments in the American theater will be held en-route.

**PERHAPS THE MOST** exciting travel course this summer will be the 57-day European study, which may be taken for six hours credit in English or an elective grouping.

Students on the tour will visit many settings of great literature, as well as the Alps of Switzerland, Italy and Austria. They will also visit the Apennines Mountains in Italy and the Pyrenees of Spain and France.

# Pres. E. N. Jones Resigns

Dr. Edward Newlon Jones, Texas Tech's sixth president for the past seven years, has resigned, effective Aug. 31.

Notice of his resignation was given to the Board of Directors in a "special privilege" session, attended only by the directors and Dr. Jones after the close of a regular Board meeting.

Dr. Jones gave the condition of his health as the reason for his action.

Dr. William H. Gordon the president's physician, declared in a public statement that "it has become increasingly evident that the stresses imposed by the duties of his office are having an adverse effect upon his physical state.

"IT IS MY OPINION THAT, if continued, his future health will be jeopardized past all reasonable limits."

W. D. Watkins of Abilene, chairman of the Board of Directors, has announced a three-man committee of Board members to begin the search for a new president.

C. I. Wall of Amarillo was

named committee chairman. Other members are Harold Hinn of Plainview and Douglas Orme of Big Spring. The committee will make recommendations to the Board on a successor to Dr. Jones.

The Board approved appointments of Dr. R. C. Goodwin, dean of the School of Arts and Sciences, as acting academic vice president;

and Dr. S. M. Kennedy, assistant dean of arts and sciences, as acting dean.

**DR. JONES' RESIGNATION** will cap a productive era at Tech.

Under his leadership, Tech enrollment has increased almost 40 per cent. Major academic gains have been made. Nine buildings costing more than \$9.5 million have been built or contracted, and 12 other buildings are on the drawing boards.

In 1952, when Dr. Jones became president, Tech's fall-semester enrollment was 5,160. In 1955, 7,156 registered to make it Texas' second largest state-supported college or university, a position held since then. Last fall enrollment reached 8,768.

**TECH HAS MATURED** academically during Dr. Jones' seven years here. A doctor of philosophy program in psychology was added to other doctoral programs initiated in 1951 when Dr. Jones was academic vice president. Master of science degrees were added in civil and mechanical engineering along with a master of arts in teaching.

Undergraduate programs were added in Latin American studies, horticulture with an entomology option, vocational rehabilitation, and engineering physics.

Arrangements were made for the division of chemistry and chemical engineering and history and sociology into separate departments.

**TECH RECEIVED** assurance of the Texas Commission on Higher Education support for further academic development as conditions warrant. National recognition was received for pacesetter trends in teacher education, especially for its program requiring major work in subject matter as well as in teaching methods.

Pioneering research and outstanding visiting consultants in public school development were assured with the establishment of a West Texas School Study Council, made up of representatives from West Texas school systems. Service responsibilities to area public schools were recognized through the creation of a West Texas Audio-Visual Co-op, a central "library" for such aids.

Establishment of an Air Force ROTC led later to flight training for the cadets. Last year the Air Force Institute of Technology chose Tech as one of the colleges and universities for its officer training program.

**CURRICULUM WAS** improved through a study of courses to cut out duplication and overlapping. A study defining Tech's role and scope established some concrete goals for the faculty and staff. Tech's six Divisions were given the status of Schools.

Cooperative research with Texas A&M was started early in the Jones administration and has grown considerably. Other cooperative programs initiated have included inter-institutional planning of petroleum sciences training with other southwestern and southern schools. Cooperative degree plans have been arranged with Baylor, Abilene Christian, McMurry and Hardin Simmons, which do not have engineering programs.

Scholarship has been encouraged through the inauguration of registration priority on the basis of previous grades. Academic privileges have been insured by the establishment of a tenure program.

**TECH'S ACADEMIC** advances under Dr. Jones have helped bring important recognitions.

Chapters have been established for Phi Kappa Phi, ranking national scholastic honorary covering all academic fields, and for Mortar Board, senior women's honorary. Numerous professional honoraries have been installed on campus.

National accreditation has been

Cont. On Page 3 . . .



## TEX TALKS

Published by Texas Tech Ex-Students Association

JULY, 1959

Lubbock, Texas

Vol. X, No. 3

### Committee Nominates DeBusk As President

Manuel DeBusk of Lubbock has been nominated as president of Texas Tech's Ex-Students Association for the 1959-60 term.

DeBusk, other officers and directors were nominated by the nominations committee which met June 13.

A 1933 graduate of Tech with a BA in government, DeBusk is a partner in the law firm of DeBusk and DeBusk. He has been prominent in the Ex-Students Association for a number of years.

Other officers nominated by the committee are Ed Smith, '49, Lubbock, first vice president; Brac Biggers, '48, Borger, second vice president; Jack Hinchey, '50, Amarillo, three-year director; and G. C. "Mule" Dowell, '35, Lubbock, representative to the athletic council.

Members of the nomination committee attending the June meeting were Ralph Blodgett, Spearman; Brac Biggers, Borger; Hugh McCullough, Midland; Arc

Lamb, Lubbock; D. F. Sudduth, Lubbock; Warlick Carr, president of the Ex-Students Assn., Lubbock; Executive Vice President L. C. Walker, Lubbock, and Field Secretary Wayne James, Lubbock.

On the committee but unable to attend the meeting were Elmer Tarbox, Big Spring; Guion Gregg, Dallas; Mrs. Horace Woods, Spur; Steve Brooks, Houston; Charles Duval, Littlefield; Ralph Davis, El Paso; and J. C. Chambers, Lubbock.

Other nominations for the office of Director were made by the nomination committee since a resolution for a By-Laws change will be presented at the annual council meeting during Homecoming, Nov. 13. If this resolution is passed, the number of Directors will be changed to nine instead of three.

Nominations made were Charles Duval, '37, Littlefield, three-year director; J. C. Chambers, '54, Lubbock, three-year director; Bob Brown, '58, Throckmorton, two-year director; Rex Tynes, '40, Albuquerque, N. M., two-year director; Bob Tracy, '35, Houston, one-year director; Trent Campbell, '32, San Antonio, one-year director.

Representatives for each of the association's 17 odd-numbered districts were also nominated. This list is printed on the Official Ballot on page 2. To vote for representatives, exes should either cast their votes for the person nominated or write in their choice and mail the ballot to the Ex-Students office before Sept. 1. Each ballot must be signed or the vote will be void.

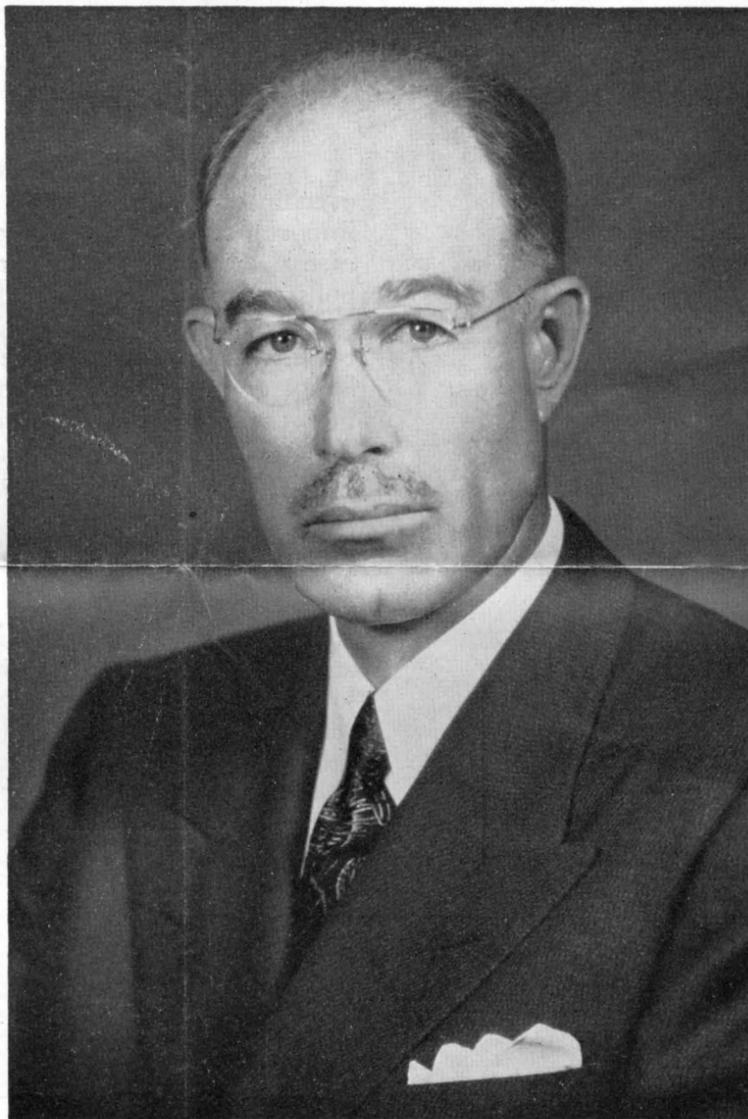
The top five association officers will be elected at the Nov. 13 meeting of the Association Council, during Homecoming.

### Homecoming Set For Nov. 14

Mark Saturday, Nov. 14, in red on your calendar for that is Homecoming at Texas Tech.

For the homecoming game, the Red Raiders will meet the University of Houston at 2 p.m. in Jones Stadium. Tickets for the game will be \$4 and may be purchased from Jimmy Wilson in the Athletic Office on campus.

Other homecoming plans are not final and will be released at a later date.



DR. E. N. JONES

### Board Approves Plans For Six Structures

Texas Tech's Board of Directors, at their May meeting, approved preliminary plans and specifications for six major structures for the campus and authorized the preparation of final plans and specifications.

All final plans and specifications ready will be offered to the Board for approval and acceptance at their August meeting. At that time, if the Board approves them, it will authorize bids to be taken.

**BIDS WILL BE OPENED** later in a public meeting at which time the Board will accept the lowest and best bid and award the contract.

Construction for the structures will possibly get underway this fall, stated M. L. Pennington, vice president and comptroller.

Projects approved include an agricultural plant sciences building.

It will be located southwest of the greenhouses.

A chemical engineering and nuclear reactor building will be located northwest of the West Engineering building, and a computer-architecture building will be located north and attached to the West Engineering building.

**MECHANICAL ENGINEERING SHOPS** have been approved and are to be "L-shaped" and attached to the north end of the East Engineering building.

Physical plant facilities which will house maintenance departments and the Tech Press will be constructed across Flint Avenue and west of the new men's dorms.

A new women's gym was approved and will be located southwest of Knapp Hall and the President's home. New varsity tennis courts also were okayed and will be east of the old gym.

### Fire Hits Drane Hall

Fire swept through the kitchen of Drane Hall, unoccupied women's dormitory during this summer, causing damages estimated between \$7,500 to \$10,000 June 8.

A short in an extension cord to a pump used to remove varnish and paint from a big vat was reported to have sparked some stain remover having high alcoholic content. Five employees of a local woodworks company were working in the kitchen when the fire started. They escaped without injury.

Heat of the fire cracked all the windows in the kitchen and caused a one-inch warp in the weatherstripping of one window. Smoke ejectors were used by firemen to blow smoke out of the kitchen.

The kitchen was completely blackened inside, with big chunks of plaster off the walls and paint steamed off a big air conduit over the stoves. The top of a wooden cabinet near the area where the fire started was scorched deep black.

A section of the kitchen extending eastward near the dining hall was not apparently damaged by flames, however smoke damage on walls was extensive.

Drane, which was built in 1941, is one of the freshmen women dorms. It will be ready for occupancy this fall.

OFFICIAL BALLOT  
FOR  
ELECTION OF EX-STUDENTS ASSOCIATION  
COUNCIL REPRESENTATIVES

Note: Representatives from the Association's odd-numbered districts shall be elected from the ballot below, according to the ex-students population in each district. Even numbered districts will elect representatives in 1960. Vote for the representative in your Association district only. If you are in doubt as to your district number, please check the maps. The persons whose names appear below have been nominated by the nominating committee in each district, but a write-in ballot is provided at the bottom of the page so that you may vote otherwise if you wish. Write clearly your name, address, and year of graduation or year scheduled to graduate. If you use the write-in ballot, place no other mark by his or her name. The name of the candidate appears beside the number of his district.

- | DISTRICT         | NOMINEE                                     |
|------------------|---|
| (Vote for Two)   |   |
| ( ) 1            | Andy Willingham, '49, Amarillo              |
| ( ) 1            | Irl Brown, '52, Amarillo                    |
| ( ) 1            | William Reed, Jr., '52, Stratford           |
| ( ) 1            | Walter G. Schlinkman, '47, Dumas            |
| ( ) 3            | Jack McCracken, '55, Hereford               |
| ( ) 3            | Truman Jones, '40, Littlefield              |
| ( ) 3            | A. J. Kemp, '42, Dimmitt                    |
| ( ) 3            | L. Irvin St. Claire, '48, Muleshoe          |
| (Vote for One)   |   |
| ( ) 5            | Land Wall, '50, Plainview                   |
| ( ) 5            | L. Dean Butler, '41, Tulia                  |
| (Vote for Three) |   |
| ( ) 7            | Bill Jackson, '53, Lubbock                  |
| ( ) 7            | Roy Grimes, '53, Lubbock                    |
| ( ) 7            | Virginia Howard, '32, Lubbock               |
| ( ) 7            | Preston Smith, '34, Lubbock                 |
| ( ) 7            | Carl Minor, '49, Lubbock                    |
| ( ) 7            | Mrs. Hill Baggett, '48, Lubbock             |
| (Vote for Two)   |   |
| ( ) 9            | Frances Ford Karper, '44, Graham            |
| ( ) 9            | Miss Billy Burrell, '47, Wichita Falls      |
| ( ) 9            | Miss Mary King, '48, Graham                 |
| ( ) 9            | James Lemuel Tittsworth, '48, Wichita Falls |
| (Vote for One)   |   |
| ( ) 11           | Jerome Harkey, '38, Greenville              |
| ( ) 11           | Jack Horton, '41, Greenville                |
| ( ) 13           | Ernest Sears, '51, Snyder                   |
| ( ) 13           | Charles Blakey, '50, Snyder                 |
| (Vote for Two)   |   |
| ( ) 15           | Gene Nowlin, '48, Arlington                 |
| ( ) 15           | J. C. Carnes, '36, Fort Worth               |
| ( ) 15           | E. L. Derr, '50, Fort Worth                 |
| ( ) 15           | Lallah Wright, '33, Fort Worth              |
| (Vote for One)   |   |
| ( ) 17           | Dr. Bert Woods, '30, Henderson              |
| ( ) 17           | E. J. Folsom, Jr., '50, Tyler               |
| (Vote for Two)   |   |
| ( ) 21           | Don Groves, '52, Midland                    |
| ( ) 21           | Harold Huffman, '38, Midland                |
| ( ) 21           | Bobby Watson, '38, Midland                  |
| ( ) 21           | Jack Waldrep, '44, Midland                  |
| ( ) 23           | Frank Maddox, Jr., '35, Waco                |
| ( ) 23           | Mrs. Tom Parks, '57, Clifton                |
| ( ) 23           | T. D. Daniels Jr., '52, Temple              |
| (Vote for One)   |   |
| ( ) 25           | Maurice G. Davis, '52, Austin               |
| ( ) 25           | Dave Shanks, Austin                         |
| ( ) 27           | John R. Kimbrow, '48, Orange                |
| ( ) 29           | J. H. Alexander, '29, Harlingen             |
| ( ) 29           | Lloyd Glover, '35, Pharr                    |
| ( ) 31           | Robert H. Northington, '52, Roswell, N.M.   |
| ( ) 31           | Foy Pribble, '36, Hobbs, N.M.               |
| ( ) 33           | H. A. Jones, '49, Arvada, Colo.             |
| ( ) 33           | Howard Willingham, '56, Lawrence, Kan.      |
| ( ) 33           | Jimmy Broderick, '29, Pueblo, Colo.         |
| ( ) 35           | Kenneth Hemphill, '28, South Bend, Ind.     |

WRITE-IN BALLOT

Name of Candidate \_\_\_\_\_

Town \_\_\_\_\_ From District No. \_\_\_\_\_

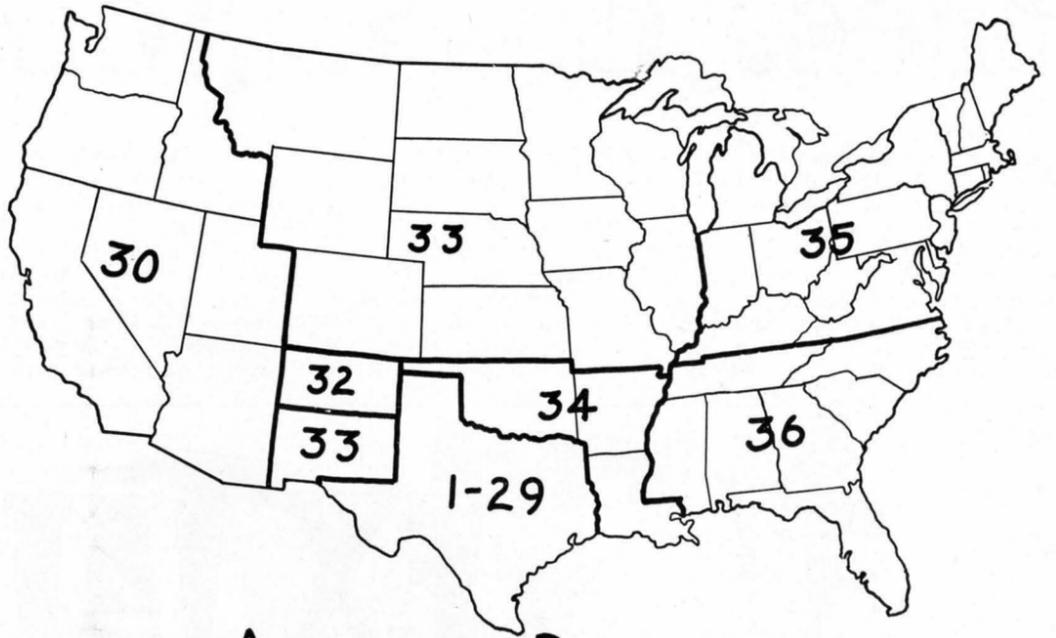
\* \* \* \*

Signed \_\_\_\_\_

Full Address \_\_\_\_\_

Year of Graduation \_\_\_\_\_ Or Year With Which You Desire \_\_\_\_\_

Affiliation \_\_\_\_\_



• ASSOCIATION DISTRICTS •

THE UNITED STATES is divided into Ex-Student districts in the above map. Districts 1-29 are in Texas, while Districts 30-36 are made up

of various other states. The lower half of New Mexico, which is divided at the 34th parallel, is District 31 rather than 33.

# Voting Is Your Duty!

In this time when national, state and even international politics are of so much importance, each of you probably recognize your privilege and duty to go to the polls when election day rolls around.

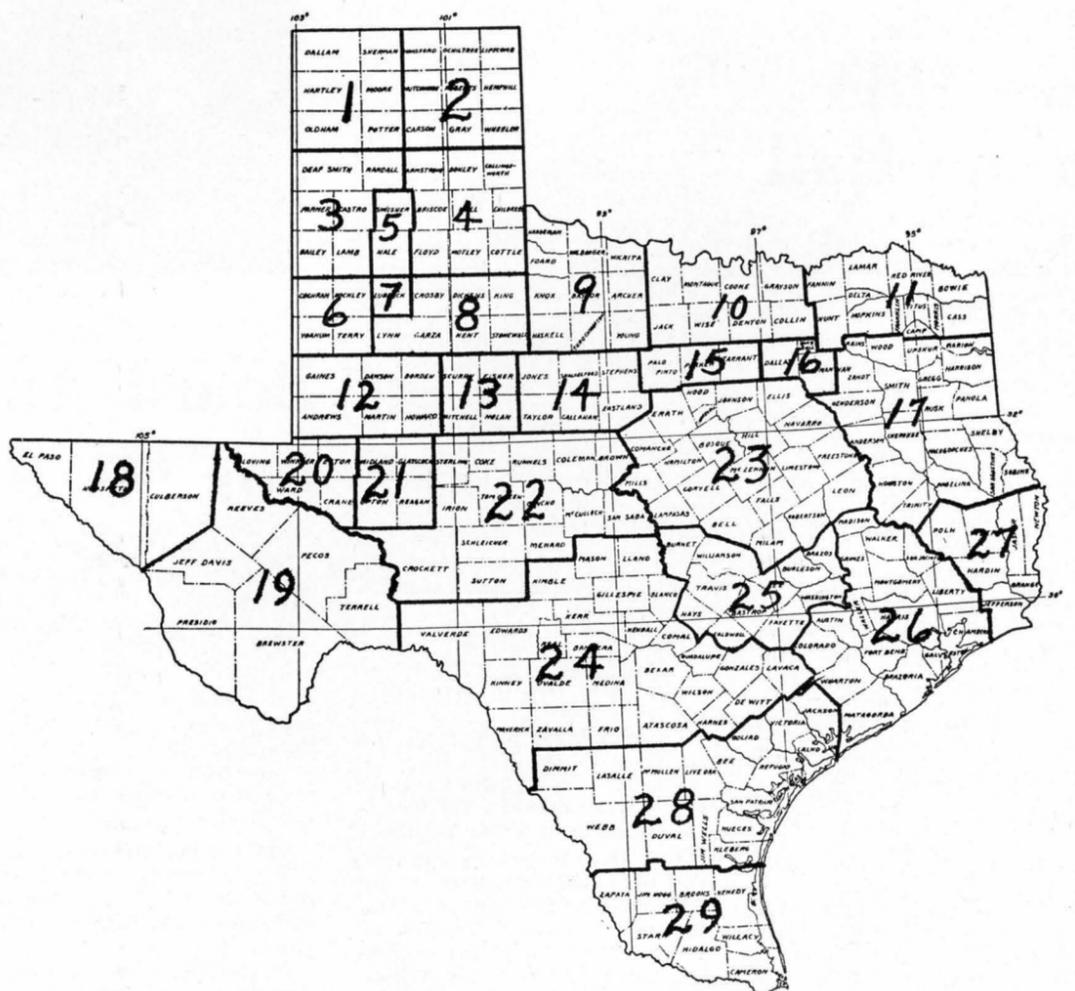
Today you have an opportunity to exercise your right to vote. This election is not one of state or national importance, but it is important to you as ex-students of Texas Tech. In this election there is no poll tax. The only requirements are to consult the accompanying maps to determine the number of the Ex-Student District in which you are now living, mark your ballot at the left for the proper district, clip it out and mail it in.

You will also notice on the ballot that some districts are to elect two, or even three, representatives. This is necessary since representatives are chosen on the basis

of the number of exes in the respective areas — one representative for every 350 exes, up to a maximum of three representatives.

If your district is one to which several representatives are allotted, be sure to vote for the full number. But, if you are not satisfied with the candidate or candidates who have been suggested for your district, feel perfectly free to utilize the write-in ballot to vote for any other ex or exes living in your district.

Exercise your privilege and duty today and voice an opinion in the election of Ex-Student Association Council representatives. Let your choice for council representative from your district know that you are an active, interested "constituent" concerned with the future of Texas Tech. Vote Today!



ASSOCIATION DISTRICTS 1-29 are shown in the map above. Districts follow county boundary lines.

RETURN BALLOT TO BOX 4009, TECH STATION  
LUBBOCK, TEXAS, BY SEPTEMBER 1, 1959.

# Five 'Old Time' Profs Leave Tech Duties

Five Texas Tech faculty members are retiring from their teaching duties effective during the summer months after a total of 133 years of service.

Retiring are Dr. C. D. Eaves, history professor; Mrs. Margaret Brashears Atkinson, associate professor of engineering drawing; Dr. D. O. (Prof) Wiley, band director; Oscar Allen St. Clair, assistant to the engineering dean; and Dr. Doyle David Jackson, education professor.

Announcements were made earlier concerning Dr. Eaves and Mrs. Atkinson. Dr. Eaves has been at Tech for 34 years, and has conducted several student tours of Europe. He was a member of Tech's original faculty when it opened in 1925.

MRS. ATKINSON, has been at Tech over 25 years. During her Tech career, she taught over 5,000 engineering students. She has served as president of many local clubs and organizations as well as membership on various Tech committees.

Dr. D. D. "Prof" Wiley, who has helped give Southwestern band music a flavor all its own — and delighted audiences of two continents with it — after 25 years, resigned from Tech effective the first of June.

He will become executive secretary of the Texas Music Educators Assn., a state-wide organization of public school band, choir and orchestra directors.

Announcement of Wiley's leaving was made after a surprise ceremony at which the co-editors of the La Ventana revealed that the 1959 edition of the yearbook is dedicated to "Prof."

WILEY'S FAMED HARDIN-SIMMONS University band first "double-shuffled" across a football field, starting a modern trend in band showmanship that spread through the nation's major colleges and universities. Then Wiley's 36 HSU musicians, dressed in cowboy shirts and chaps, in 1930 played a whole week at London's Palladium — goal of all show people throughout the world.

In 1934, Wiley moved from HSU to Tech, where he has built a band rated in the top flight of such college and university organizations in the country.

In his first year at Tech, Dr. Wiley instituted a summer band school for directors and public school and college students. Later he was responsible for a West Texas band clinic each fall at Tech.

DR. WILEY started playing the violin when five, but could not receive regular lessons. When a student at Graham High School, he studied violin under Carl Venth.

After finishing high school in 1917, he went to Midland Junior College where he taught violin and directed the orchestra while a student there for two years.

In 1921, Dr. Wiley went to what

was then Simmons College at Abilene (now HSU) as violin teacher and orchestra director. When the band director left the school, Wiley inherited the job.

He formed the noted Cowboy

Band at HSU and directed it until 1930. He received a bachelor of music degree at HSU and studied each summer at the American Conservatory in Chicago.

The Southwestern Conservatory

awarded Dr. Wiley the honorary doctor of music degree in 1947.

Oscar Allen St. Clair, a pioneering professor at Tech whose career also has included building a New York City dock and supervising engineering in 16 industrial plants retires the middle of July.

St Clair is a former head of the industrial engineering department, and since 1954, assistant to the engineering dean.

"St. Clair's retirement will be a loss to Tech especially for my office. It was through his efforts that an industrial engineering department was formed." Engineering Dean John R. Bradford, said.

"UNDER HIS LEADERSHIP, it has received accreditation by the Engineering Council for Professional Development and became one of the leading industrial engineering departments in the Southwest," Dr. Bradford said.

St. Clair joined the faculty in 1934 as a professor and department head. In 1950 he served as acting dean of engineering.

He has worked for more than a dozen different companies and projects during his 54-year career which started after his graduation from Armour Institute of Technology in 1905 with a BS degree in electrical engineering.

An engineer for 13 years with U. S. Gypsum, he became chief engineer for Beaver Products Co., directing engineering in seven gypsum plants and nine other installations for manufacturing paper, felt, asphalt roofing, insulating board, paint, varnish, asbestos and cement.

LATER HE BECAME CHIEF ENGINEER for Atlantic Gypsum Products Co. of New York. Among his projects was establishment of a plant in Nova Scotia.

In addition to consulting work and writing for trade magazines he has done business research for City College of New York and assisted in a census of manufacturers for the U. S. Department of Commerce.

Early in his career, St. Clair taught in public schools and was in charge of electric track welding for the Chicago City Railway. He also did drafting and field work for a concern that had a remote control system for clay cars in brick yards.

A licensed professional engineer in Texas and New York, he was sponsor of the student branch of the American Institute of Industrial Engineers when it was established at Tech.

The professor once voted by students of Tech as the best dressed professor on campus, Dr. Doyle David Jackson, retired this spring for reasons of health.

Known to many teachers in this area and throughout the nation, he was a professor of education and directed the Teacher Placement Bureau the past eight years.

COMING TO TECH IN 1935, Dr. Jackson was co-author of the book, "Unit Method of Learning and Teaching," which covers unit teaching from the first through the 12th grades and is being used in the education departments of many major institutions.

Noted as one of the most outstanding speakers at Tech, he "urges improvement in all areas of learning rather than emphasizing science while de-emphasizing humanities."

Dr. Jackson was active at Tech. He directed graduate studies for 21 years, was director of Teacher Placement eight years, and sponsored the Varsity Show 13 years. He was also one of the founders of Tech's Ex-Student Association.

BORN IN STEPHENVILLE, Dr. Jackson received his BA in 1921 and his MA in 1925 from the University of Texas, and his Ph.D. in 1933 from the University of Arizona.



DR. D. O. WILEY



OSCAR A. ST. CLAIR



DR. D. D. JACKSON

## 827 Receive Diplomas

Eight hundred and twenty-seven students received the long-awaited diploma upon completion of academic requirements as Texas Tech observed its 33rd annual spring commencement.

Speakers were Dr. William H. Elliott of Highland Park Presbyterian Church, Dallas, who delivered the baccalaureate sermon, and Fred F. Florence, Dallas busi-

ness leader, principal speaker during commencement exercises. An honorary doctorate was conferred on Florence.

The two main ceremonies were originally scheduled for Jones Stadium but construction related to its expansion is so far along that Tech officials decided to shift the location.

Included among degree candidates were three seeking doctorates; Henry Rosamond McCarty and Charles Stanley Harris, both of Lubbock; and Robert Leonidas Snell, El Dorado Springs, Mo.

Awaiting this year's graduates is the largest "pot of gold" that ever awaited Tech graduates in the institution's history. Starting salaries for those with bachelor's degrees will average more than \$400 per month, the Placement Office reports. Best offers are in engineering and business administration.

The salary range of most job acceptances in engineering has been \$450 to \$575. In business administration, it has been \$325 to \$450. One engineering graduate with a bachelor's degree will start at \$740. A business administration graduate with a bachelor's will begin at \$666.

There are more job opportunities than ever for graduates in

the top quarter of the class, Mrs. Jean Jenkins, placement director, said.

## Jones Resigns

Cont. From Page 1 . . .

obtained by the School of Business Administration and by the departments of petroleum engineering, architecture and allied arts, and music. Athletic recognition came through Southwest Conference membership.

SINCE 1952, Tech's skyline has been broadened by McClellan Infirmary, Weeks Hall for women, four new men's dorms, a new gymnasium and swimming pool, Lubbock Municipal Auditorium-Coliseum and other structures. Nearing completion are a new classroom and office building and a textile engineering building.

On the drawing boards are plans for at least six other major structures, including a new central library, women's gym, and centers for computer and nuclear research. Most of the facilities for the two centers already are assured.

The campus bookstore has been modernized and expanded. Expansion of Jones Stadium from 27,000 seats to 40,000 is scheduled by the fall of 1960 and only \$750,000 in seat options need to be sold to complete the financing.

PLANS ARE UNDERWAY to expand the Union building. Numerous other buildings are scheduled for expansion or modernization as the campus plant grows.

Dr. Jones was graduated from Ottawa University, Ottawa, Kan., in 1921. He was granted the Doctor of Philosophy degree from the State University of Iowa in 1925. He was further honored when the Doctor of Law degree was conferred upon him by Ottawa University in 1940.

DR. JONES became head of the botany department at Baylor University in 1925, starting his academic career in Texas, and he became head of the biology department in 1933. He was dean of Arts and Sciences at Baylor in 1934, and then Dean of the University from 1939 to 1942.

Becoming president of the Texas College of Arts and Industries, Kingsville, in 1942, Dr. Jones served in that position until becoming vice president in charge of academic administration at Tech in 1948. He became Tech's sixth president Sept. 1, 1952.

## Exes Help Purchase 24.8 Acres

Purchase of 24.8 acres of land for 20 sorority and fraternity housing sites has been announced by the Tech Interfraternity Housing Corp.

Located two miles due west of the Tech Administration building, the land was sold to the housing corporation by Mrs. Lizzie B. Turner, long-time Lubbock resident and mother of five ex-Techsans. Robert E. Maxey, '32 BA in architectural engineering and president of the interfraternity corporation, accepted the deed signed by Mrs. Turner.

All of her children attended Tech and four are graduates. They are Mrs. Agatha Turner McDonald of Palo Alto, Calif., class of '41; Mrs. Carrie Bell Turner Anderson of Lubbock, Class of '37; Mrs. Rowena Turner Ryan, Class of '33; B. H. Turner, Jr., of Houston, Class of '47, and Mrs. Elfleda Turner Knight of Phoenix, Ariz.

The brief ceremony marked the first stage of acquiring centralized housing area for national social fraternity and sorority houses at Texas Tech. Most of the organizations now have rented lodges scattered about Lubbock.

EACH OF THE ten fraternities and ten sororities invested more than \$3,000 in the corporation to obtain a housing unit. Further development of the area will get underway when at least three-fourths of the 20 special groups decide to put in utility lines in the next two years.

Greek organizations will work with the Tech administration in arranging details of the plat and determining the development restrictions on what style of lodges may be built, James Whitehead, assistant dean of student life, said.

## Microscope Given Tech

An electron microscope 100 times more powerful than the best optical magnifier has been given to Texas Tech by the Magnolia Petroleum Co.

A virus one-millionth of an inch in length appears as large as a mosquito through the electronic eye of the unusual device, which will be supervised by the physics department.

The seven-foot high instrument also will be used by faculty and students in geology, biology and perhaps other departments, Dr. Henry Thomas, physics department head, said.

The electron microscope has important research applications in mineralogy, crystallography, bacteriology, histology and other scientific fields, reports Dr. William C. Skinner, supervisor in Magnolia's Field Research Laboratory in Dallas.

## Enrollment Record Set

An all-time high in summer enrollment was set at Texas Tech when 3,407 students completed registration for the first six-week summer session.

The new summer enrollment figure exceeds by 358 the previous record summer enrollment set in 1957 when 3,049 attended the first session of summer school, Dr. Floyd Boze, dean of admissions and registrar, announced.

The largest number of graduate students also is enrolled for the first summer session, Dr. W. B. Gates, dean of the graduate school said enrollment in the Graduate School is currently 730 — the largest number on record.

Boze attributed the record figure to the large number of special workshops, institutes and diversity of summer courses available that have served to increase interest in summer study.

# Fight Raiders Fight

## EX-STUDENT APPLICATION FOR 1959 FOOTBALL TICKETS

Application by Ex-students for the Homecoming game must be made not later than Nov. 1. A check including 25c mailing charge must accompany all ticket orders. To assure best seats available, place your orders early.

Indicate the number of tickets desired for each game in the space provided. Ex-students using this form will receive priority.

### TICKET APPLICATION

Name	Address	City, State			
<b>HOME GAMES</b>					
Sept. 26—Oregon State	8 p.m.	\$4.00	_____	_____	_____
Oct. 3—Tulsa	8 p.m.	4.00	_____	_____	_____
Oct. 10—T.C.U.	8 p.m.	4.00	_____	_____	_____
Nov. 14—Houston (Homecoming)	2 p.m.	4.00	_____	_____	_____
<b>AWAY FROM HOME</b>					
Sept. 19—Texas A&M, Dallas	8 p.m.	\$4.00	_____	_____	_____
Oct. 17—Baylor, Waco	8 p.m.	4.00	_____	_____	_____
Oct. 24—S.M.U., Dallas	2 p.m.	4.00	_____	_____	_____
Oct. 30—Tulane, New Orleans	8 p.m.	4.00	_____	_____	_____
Nov. 7—Arizona, Tucson, Ariz.	8 p.m.	3.50	_____	_____	_____
Nov. 21—Arkansas, Fayetteville, Ark.	2 p.m.	4.00	_____	_____	_____
Mailing Charges		.25			
	<b>Total</b>		_____	_____	_____

Be sure to enclose check or money order plus 25c mailing charges with all orders. No tickets will be reserved unless check is sent in with application. Make all checks payable to TEXAS TECH COLLEGE. Mail application to:

Jimmie Wilson  
Athletic Department  
Texas Tech College  
Lubbock, Texas

BULK RATE  
U. S. POSTAGE  
PAID  
Permit No. 268  
Lubbock, Texas

MR HAROLD HINN  
BOX 991  
PLAINVIEW, TEX  
B.O.D.

EX-STUDENT ASSOCIATION  
Texas Technological College  
Tech Station, Box 4009  
Lubbock, Texas

Form 3547 Requested

## BA Installs Honor Frat On Campus

A chapter of Beta Gamma Sigma, commerce and business administration honorary society, has been formally installed at Texas Tech with 20 business administration students and 12 faculty as members.

Dean Clive F. Dunham of the University of Mississippi was the principal installing officer and delivered the installation address. He is a member of the national Beta Gamma Sigma executive committee.

**TECH BUSINESS FACULTY** and students petitioned for and were accepted for membership after the School of Business Administration became a member of the American Assn. of Collegiate Schools of Business. Beta Gamma Sigma is the only scholarship honorary officially recognized by the American Assn. of Collegiate Schools of Business.

Election to Beta Gamma Sigma is considered the highest scholarship honor that can come to a student of commerce or business administration, Dr. George Heather, business administration dean, said.

Membership is limited to senior students in the upper tenth of their graduating class. Juniors may be elected from the upper four per cent of their class.

**THE UNIVERSITY OF TEXAS** and Southern Methodist University are the only other institutions in the state with Beta Gamma Sigma chapters, Dr. John R. Ryan, marketing department head, said.

Four members of Tech's business administration faculty are already members of Beta Gamma Sigma. They are Dr. Ryan; Dr. Reginald Rushing, accounting department head; C. Burl Hubbard, assistant professor of management; and C. Jack Ponders, economics instructor.



**ANOTHER TEXAS TECH DREAM COMING TRUE.** This is how Tech's Clifford B. and Audrey Jones Stadium will look in 1960, when it is expanded to 40,000 seats. Construction already is underway on the press facilities in the west stands and on the athletic department offices at the south end. More than \$1 million in seat options have been sold to finance the expansion. Sale of another \$750,000 in options will complete the financing.

(Photo courtesy Public Information Department)

## Will Wilson Gives Tech Two Rare Cattle Reports

Rare copies of two reports that helped open the gates for a gigantic Southwestern cattle industry have been given to the Southwest Collection at Texas Tech by Atty. Gen. Will Wilson.

One is a report to Congress in 1854 by Capt. John Pope on sections of Texas for an east-west route between the Red River and Rio Grande. The other is a report on the Southwest cattle industry and its prospects made to Congress 30 years later by Joseph Nimmo.

**DR. SEYMOUR V. CONNOR**, collection director, said, "They are of practical as well as scholarly value because they reveal some of the little-known forces behind Southwestern growth in vivid detail. It is just the type of material we need."

Connor said Pope's report was one of the first important documents to come after the U. S. expanded into what is now its Southwest in 1848, after the Mexican War.

The California gold rush followed in 1849, bringing pressures for new routes across the Southwest. The federal government began making surveys to determine such possibilities.

**CAPT. POPE WAS ASSIGNED** the task of seeking a Southwestern route across the Llano Estacado, then considered a formidable barrier because its flat top was devoid of dependable water sources.

His report helped spur adventurous cattlemen to move their herds onto the rich tableland once the Indians were subdued.

## Expansion Begins On Jones Stadium

Texas Tech's "new look" for Jones Stadium is on the way as bulldozers and other equipment have torn into the earth at the south end of the turf where modern athletic department offices, team dressing room and other facilities soon will arise.

Sledge hammers and power tools already have destroyed the old press box. In its place next September will be three decks of new press quarters stretching from one 20-yard line to the other.

**THE NEW ATHLETIC** department section also is expected to be ready this winter.

Beginning the building was a ground-breaking ceremony in May which was attended by private backers and exes, Tech officials and student leaders.

Brief speeches were made by L. E. (Jack) Davis, former Red Raider Club president; Dr. E. N. Jones, Tech president; Bill Pfluger, student president for the coming year; DeWitt Weaver, Raider football coach and athletic director; and Dr. J. W. Davis, Tech athletic committee chairman.

**EXPANSION OF THE** stands from 27,000 seats to 40,000 will be-

gin immediately after this fall's football season. Construction is right on schedule, Tech officials said.

Tech is committed to complete the expansion by the fall of 1960, first season for the Red Raiders to compete for the Southwest Conference football championship.

The expansion, pledged when Tech received Southwest Conference membership in 1956, is being financed through sale of seat options. More than \$1 million in options already has been sold. Another \$750,000 in sales is needed to complete the financing.

## 'Cowtrails-Rails' Exhibit Planned

"Cowtrails to Rails" — an exhibit recreating the streets of Lubbock as a pioneering frontier town — is being planned by the West Texas Museum as a part of Lubbock's celebration of its 50th anniversary.

Arrangements are being made for the show which will open Sept. 15 and last through Thanksgiving, by the Historical Collections Committee of the Women's Council of the West Texas Museum Assn.

Lubbock — from the days of the first pioneers until the advent of the railroad in the area (1909) — will be portrayed in the exhibit.

Features of the display will be a general merchandise store and a blacksmith shop, which served the Lubbock area around 1890.

Other replicas included will be several tableaus representing the city's first social club meeting, a school and church scene and a typical ice cream parlor. The tableau of the first club meeting will be copied from an actual photograph.

## Dallas Exes Plan Social

Ex-student chapters in the cities where out-of-town football games will be played this year may be planning receptions for exes and students.

The Dallas chapter is planning a reception for the Red Raider-Southern Methodist University game which will be played at 2 p.m. Oct. 24. Watch for further information in TEX TALKS concerning information from the Dallas reception and others.

LUBBOCK, TEXAS 79402  
UNIVERSITY OF TEXAS  
SOUTHWEST COLLECTION