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The 1964 Texas Tech Band Sweetheart will be crowned Tuesday (March 3) during halftime activities at the Tech-Rice basketball game in Lubbock Municipal Coliseum.

The three finalists are Barbara Sperberg of Odessa, Pat Martin of Hale Center, and Carole Brashear of Petersburg.

The finalists were selected after balloting by members of the rech Band.

Miss Sperberg of 2803 Easter, Odessa, is a 19 year old Junior majoring in music education. She is a member of Phi Mu, social sorority; Alpha Lamba Delta, freshman women's organization; first vice president of Tau Beta Sigma, honorary band sorority; Mu Phi Epsilon, honorary music sorority; and Junior Council, junior women's honorary organization.

Miss Martin of Hale Center is a 19 year old junior majoring in elementary education. She is a member of Tau Beta Sigma, honorary band sorority.

Miss Brashear of Petersburg is a 19 year old junior majoring in home economics. She is a Tech majorette.

The National Maid of Cotton, Miss Katy Sue Meredith, will be on hand to crown the Sweetheart at the game.

SUITABLE FOR TIME COPY

LUBBOCK--Casey at the Bat, in the famous poetic baseball game, had nothing on the high school dropout, Dr. Berlie J. Fallon, a Texas Tech professor of education, has concluded.

Dr. Fallon says that the potential high school dropout usually has two strikes against him by the time the teacher has him in class.

"In the first place, the dropout generally has a hostile home environment, which is one strike against him," Dr. Fallon explained. "The second strike comes when he finds hostility in his other relationships outside the school and home."

"So the school gets to 'throw the last ball'," Dr. Fallon continued.

"And it is generally up to the teacher, whether the student 'strikes out'
or gets a home run!"

Dr. Fallon says this is a tremendous challenge to the schools and to the individual teachers; and that it is one they are growing more aware of and continuously meeting.

Dr. Fallon quotes some frightening statistics regarding the school dropout "Only slightly more than half of all fifth-grade pupils finish high school; less than two-thirds of those in the ninth grade remain through grade 12."

"Persons lacking a high school diploma are the first to feel the results of the diminishing demand for unskilled labor, and are at the greatest disadvantage in periods of high unemployment."

"Juvenile delinquency is 10 times more frequent among dropouts than among high school graduates."

"And, what is most unfortunate, communities having a large percentage of dropouts tend to perpetuate this problem Since the dropout is more limited than the higher educated individuals, he tends to stay in the same place, while the others can and do move to places where the best opportunities are."

"So we find a developing cumulative mediocrity in a community with many dropouts," Dr. Fallon said.

Dr. Fallon describes the "typical" dropout as being about 16 years old; often marking time, waiting to reach the age when he may legally quit school.

"He is most likely to quit between the ninth and tenth or between the tenth and eleventh grades. It is especially likely that he will not return after a summer vacation.

"As a rule the dropout has shunned participation in extracurricular activities, and he may have failed to become part of a social group within the school.

"Usually his relationships with his teachers and many of his fellow students indicate tension, suspicion and strain. His poor attendance record, lack of interest and failure to cooperate have contributed to his being behind his class.

"His parents are usually unimpressed with the value of education; often they openly scorn book learning.' In addition, they might regard school as a financial burden which not only costs something to keep the child in, but also deprives the family of money he could be contributing to the budget."

Dr. Fallon points out that in some cases, however, the parents have tended to put an <u>overemphasis</u> on schooling, making exaggerated demands for high performance and causing the child to rebel and wish to leave school.

In any case, however, Dr. Fallon says that these statistics build a case for personalized counseling and show the importance of the influence of the individual teacher in salvaging the dropout.

The teacher can't change the conditions outside of school, " he explained. "But she can change some things in this situation."

"Most of the time school is one of the friendliest places, if not the only friendly place the potential dropout knows, even though he may find himself in conflicts there, too," he said. "The teacher can capitalize on this, and with a little guidance and understanding, one teacher showing interest can make the difference."

Another aspect of the dropout problem is educating the public to the importance of keeping students in school.

For instance, there are the obvious financial benefits of education—the high school graduate can expect to earn an average of \$30,000 more, over a lifetime, than a high school drop out; his earnings will exceed by \$50,000 those of someone who quits at the end of the eighth grade; a college graduate's income will be \$178,000 higher over a lifetime.

Also, because of the correlation between juvenile delinquency and school dropouts, society has a real interest in encouraging all youth to finish high school

"It is better--and less expensive--to build classrooms for the boy, than to build cells and gallows for the man," Dr. Fallon warned.

From the personal point of view, as possession of a high school diploma becomes increasingly general, a person without one is at a disadvantag financially, vocationally and socially.

Dr. Fallon sees a great challenge, not only to the teacher, but also to the school, in taking the time to provide the kind of program where the potential dropout can have success.

"This does not imply that they should lower their standards," he said. But rather to realize that there is a limitation to the hypothesis that all students can benefit from strictly academic curricula."

Dr. Fallon says that more vocational training is needed for the type of student who cannot profit maximally from academic curricula, and adds, "Of course, any youngster needs all of the academic curricula he can absorb, but some dropouts will not be able to go too far academically."

He feels part of the answer lies in comprehensive high schools with the breadth and depth to cover academically talented, those in the middle ranges, and the non-academically talented.

"Once again, teaching is a key to motivation, which is determined by the student's feeling of success or accomplishment. A program is needed that enables every student to go as far as he can go."

Dr. Fallon adds that the teacher is often confined within the boundaries of something called a grade standard, whereby instruction is geared to a standard based on a hypothetical "norm."

"We need to remember that this is a statistical term, not a real person," Dr. Fallon said. "Keeping this "norm" in perspective helps to prevent punishing the potential dropouts, as well as the talented students, who do not fall into this category."

Dr. Fallon cites, as an encouraging sign of growing awareness of the dropout problem, the work being done by the West Texas School Study Council, composed of 23 area schools and Tech.

The Council is doing a regional analysis on the causative factors of dropouts which will be completed in July.

The survey is designed to find out why the former student dropped out of school, how his schooling helped, current income, the jobs he's held since leaving school and his current occupation and interests.

It is sent to former students of the area schools, beginning with seventh grade classes of the years 1953, 1954, and 1955, and includes dropouts and high school graduates from these three classes who did not go to college.

Fallon, Dropouts, --- add 4

A stamped, self-addressed envelope is provided with each survey, which the former student may sign if he wishes, or remain anonymous.

At the same time schools in the Study Council are doing a selfevaluation, and conducting personal interviews as well as mailings. In all, the study is in greater depth than any particular study of its type conducted in Texas in the past, Fallon said.

In the meantime, the ominous game of "baseball" goes on in the public schools of Texas, with the teacher pitching, the school catching, and the potential dropout always at bat - waiting for the "home run" of success or the third strike that will send him "back to the dugout" and into oblivion.

Texas Tech fraternities have announced the pledging of 248 men for the spring semester. Pledging from Ft. Worth are:

ALPHA TAU OMEGA

Robert Newton Eames - 6241 Calmount Harry James Leonhart - 4100 Locke

DELTA TAU DELTA

George Harper Chaffee - 3521 Rogers William Marion Winkler - 5427 Van Natta

PHI GAMMA DELTA

James Keith Murph - 2541 Boyd

SIGMA NU

Larry Jack - 5901 Minifered

SIGMA CHI

Thomas Harvey Sessions - 2205 Stanley

SIGMA ALPHA EPSILON

Warren W. Elsner, Jr. - 1412 Jasper

Phil Orman, Director of student publications at Texas Tech, will address a session of the West Texas High School Teachers Association, meeting in Midland Friday (March 6).

Orman will speak on "What Colleges Expect from High School Publications."

Texas Tech's unusual Kinderschule, teaching the German language to elementary children, is in full swing for the ninth consecutive year, with a new program, bigger plans, and more children than ever.

The Kinderschule, directed by Ted Alexander, associate professor of foreign languages, was begun in 1955 with a nucleus of 28 fifth-grade public school students.

It now boasts a total enrollment of 58 students and has been divided this year into four different classes, with students ranging in ages from $4\frac{1}{2}$ to 14 years.

Alexander reports that the number of teachers for the Kinderschule has also increased. Most of the teachers are Tech foreign languages students and include Miss Jane Smith, Miss Nancy Keyton, Miss Mary Ann Baber and Mrs. Johanna Anderson; as well as Tech graduates, Mrs. Phyllis Adair and Mrs. Janet Baber.

The classes are divided into young beginners, ages 42 to 8; beginners, ages 9-11; intermediates, who have had the class at least once, ages 10-11; and advanced, who have had the class twice or more, up to age 14.

In the Kinderschule classes, conducted entirely in German, the children learn to count, greet people, ask each others' names and sing songs.

Sometimes a special treat is planned, such as having Miss Hannelore Schriever visit the class and accompany the children with her guitar as they sing German songs.

Miss Schriever is a native of Hanover, Germany, and came to Tech in the fall of 1963 for one year, to work on her Ph.D. degree in English. She is teaching assistant in the German department.

(more)

Miss Schriever came to this country on a Fullbright Scholarship, after training as an elementary school teacher in Germany. She was the first person ever selected for the Fullbright award from her school.

Current Kinderschule activities include practicing for the Tech German Club's annual stage show April 3-6. The children will participate April 4 in the puppet show, co-sponsored by the Tech Union. Miss Schriever will accompany them in some German songs as part of the show.

The puppet show, "The Imprisoned Princess," will be a traditionally German performance, with the children talking to the puppets and asking them questions as part of the show.

Some of the Kinderschulers will also appear in the stage play, "The Fury of Mr. Hotz," April 3,5 and 6 in the foreign language studio theater.

The puppet show will be directed by Max Peter, a native of Switzerland who is currently a graduate student in English at Tech. Peter will also write the Kinderschule children's responses for the show.

Peter has done various puppet shows in his native Switzerland, and even wrote the dialogues for shows as a boy.

He plans to return to Switzerland and work on his Ph.D. degree at the University of Zurich, after completing his work at Tech this year.

Describing the Kinderschule methods of teaching, Alexander points out that in addition to the puppet show projects each year he uses many standard teaching guides.

Songs are taught with illustrations on the flannel board. Flash pictures cut from magazines are used, with color film strips, scale models, doll houses and furniture and picture books.

"We try to make each class period move along with a change of pace every few minutes," he explained. "With games, songs, conversation about familiar things in this country as well as those in German-speaking countries and all the visual aids, we manage to have variety."

The kinderschule is self-supporting and has purchased its own resource materials and visual aids over the years. There is a \$5 fee per student and classes are held once a week from 4 to 5 p.m. for seven weeks.

Alexander added that the Kinderschule also has been beneficial to the Tech student assistants, who are future teachers of German, in addition to teaching Lubbock public school children something of the language and people of Germany.

6-3-4

LUBBOCK - Dr. Willa Vaughn Tinsley, Texas Tech dean of Home Economics left Wednesday (March 4) for the state meeting of the Texas Home Economics Association in Fort Worth.

Dean Tinsley, current president of the Association, will preside at the two-day sessions Friday (March 6) and Saturday (March 7), in addition to attending pre-convention meetings this week.

Theme of the meeting will be "Focus on Families." The Texas home economist of the year will be named at noon Friday (March 6).

Speeches, exhibits, panel discussions and luncheons will round out the weekend activities.

Eight Texas Tech home economics students and two sponsors also will be in Fort Worth for the meeting.

Making the trip will be two home economics instructors, Mrs. Comille Bell and Miss Marie Carano, incoming sponsor of the Home Economics Club. Students going are Gail Baldwin, 4544 St. Landry, Dallas; Janice Ballow, Levelland; Sharon Cook, 3408 Billglade, Fort Worth; Celeste Craig, Stamford; Betty Huffman, Breckenridge; Harriett Moore, Lubbock; Jean Wilcox, Phillips; and Patsy Wooddell, Dimmitt.

Sigma Alpha Eta, Texas Tech's speech and hearing therapy society, will hold a "Slave Day" Saturday (March 7) to raise money for new equipment and supplies for the speech and hearing clinic.

The students will wash cars, mop floors, babysit, rake yards, type, "or do just about anything you will let us do," according to the organization's treasurer, Joe Melcher of Slaton.

Unless otherwise requested, the workers will be sent out in groups of two, at 75 cents an hour per worker.

Lubbock residents and Tech persons are invited to call the clinic, PO2-8811, extension 2155, sometime this week, preferably before Saturday morning, Melcher said.

The group requested that the following information be given to the organization: name, job wanted done, times most convenient for them to do the job, number of people required and address and telephone number of person requesting workers.

Melcher added that in addition to the proceeds from "Slave Day," donations to the clinic would be welcomed by Sigma Alpha Eta members.

More than 500 persons are expected to arrive in Lubbock today (March 6) as Texas Tech sponsors its annual High School Forensics Festival, beginning at 1 p.m.

Students from 31 high schools in the entire West Texas area will register for the two-day meet between 1 p.m. and 3 p.m. in the Activities Building of the First Baptist Church, 2201 13th St.

Sponsored by Tech's Forensics Union, the workshop-tournament is designed as preparatory to the Interscholastic League meets held later in the spring.

It will include contests in debate, one-act play, informative and persuasive speaking, poetry interpretation and prose interpretation.

Sweepstakes trophies will be given to the schools on the bases of highest number of rankings in individual performances and preliminary debate rounds. Trophies will be awarded at 1:30 p.m. Saturday (March 7) in the Agriculture Auditorium.

Following registration, debates will be held between 3 p.m. and 9:30 p.m. Friday in the Activities Building. The one-act plays will be performed Saturday morning and afternoon in Smiley Wilson Junior High Auditorium.

Final elimination rounds in debating, not counted on the Sweepstakes awards, will be Saturday afternoon in the Agriculture Auditorium.

More than 100 teams will compete in the three debating divisions, which include Class 4-A and 3-A Boys; Class 4-A and 3-A Girls; and a Class AA, A and B Boys and Girls division.

Students and faculty members from the Tech speech department will serve as judges in the events.

High School Forensics -- add 1

Participating schools include those from Amarillo, Wichita Falls, De Leon, Sonora, Midland, Odessa, El Paso, and Abilene, in addition to Lubbock High School and Monterey High School.

-30-5

8-3-5

LUBBOCK -- Representatives to the Texas Tech Student Council were elected this week.

Elected to Council positions from the School of Arts and Sciences were Marcia Winkleman, Richardson; Joe Ed Cannon, 2203 Boyd, Midland; Steve George, 11705 Longleaf Lane, Houston; and Mary Gibbons, Lubbock.

Representative from the School of Home Economics is Betty Jo White, 3603 Harvard, Dallas.

Elected to positions from the School of Engineering were Jim Collier, Lubbock, and Ron McClarty, 1917 Lincoln, Abilene.

Jimmy Martin, 5105 Tawney, Amarillo, won the post as School of Business Administration representative.

Freshman representatives-at-large will be Barbara Birmingham, 8315
Midway Rd., Dallas; Dianne Dickson, 6610 Greenwich, Dallas; Sue McCreary,
5614 Edith, Houston; and Carolyn Pepper, Bellaire.

New off-campus representative will be Cliff Watt of Lubbock.

Filling vacancies as residence hall representatives were Ernie Cowger of Stamford, Thompson Hall; and Terry Bell of Corsicana, Wells Hall.

LUBBOCK - Eight officers have been elected for the Association of Women'Students' by Texas Tech coeds.

Chosen were Mary Behrends of Dimmitt, president; Betty Newby, Borger, first vice president; Susan Wood of Vernon, second vice president; and Nelda Laney of Hale Center, third vice president.

Also selected were Carol Dennison of Liberty, secretary; Patty Pownder, 6453 Malvey, Fort Worth, treasurer; Jane Deaver, 3627 Sun Valley, Houston, judiciary chairman; and Jenny Matthews, Andrews, International AWS representative.

LUBBOCK - Officers of the pledge class for Scabbard and Blade, honorary military science organization at Texas Tech, have been named.

They are Donald Phillips, Stinnett, president; and R. C. Hoelscher, Alice, treasurer.

Other pledges are Skip Whitehill, 7709 Parkland, El Paso; Howard Garrett, Box 327, El Paso; Tim Bennett, Pittsburg; Dave Kinderfather, Coffeeville, Kansas; Bob Thorton, Abilene; and John Newsome, Lubbock.

An avant-garde composer who uses "live electronics" techniques to perform "music by chance," and occasionally uses a mechanical conductor to lead the orchestra, will be one of the highlights at Texas Tech's 13th Annual Symposium of Contemporary Music, beginning the last week in April.

The Tech music department announced today that John Cage, one of the leaders of the electronic music craze in the United States, will appear for a performance May 4, during the final week of the Symposium, in the Coronado Room of the Tech Union.

Cage was recently written up in two national news magazines, following his appearence with the New York Philharmonic, under the direction of Leonard Bernstein.

At the Philarmonic appearance Cage used a one-armed robot as a conductor for his work "Atlas Eclipticalis with Winter Music," which featured 90 microphones, each attached to a musician, seven amplifiers, seven loudspeakers and an electronic control board so complex it required two operators.

David Tudor, a pianist who will accompany Cage to Lubbock, also appeared at the Philharmonic, and expressed his "artistry" by banging his elbows on the keyboard, which was also attached to a loudspeaker.

Cage has composed another work, entitled, "Four Minutes and 33 Seconds," which he "performs" by walking on stage, sitting at a piano, and doing nothing for exactly that length of time.

Lowell Cross, Tech music librarian and composer of some electronic music works, reports that the audience reaction is considered by Cage to be part of the performance.

Needless to say, there is always quite a bit of reaction to his appearances. Cage believes that as he goes south on a tour reaction increases and varies from reactions further north; he also believes that audience reaction is less in cities at high altitudes.

Cross believes it will be interesting to note the reaction in Lubbock, since it is at a higher altitude, but also in the Southwest.

He added that during a Cage appearance in Austin last year, some of the audience walked out; others booed and shuffled their feet; and one man made a paper airplane out of his program, walked to the stage and threw it at Cage.

All of the fare for Tech's Symposium won't be quite as "avant- garde," however, and it won't all be electronic music, Cross said.

Bernstein's "Trouble in Tahiti" will be performed, in addition to an off-Broadway production written by John Gilbert of the Tech music faculty.

The Tech Choir, Symphony Orchestra, Concert Band, Stage Band, Madrigal Singers and modern dance ensembles will also be featured during the two-week symposium, which will be open to Tech students, faculty and Lubbock residents.

LUBBOCK - Texas Tech coed Susan Manning, a junior from Rt. 10, Box 1233, Houston, has been named Tech's "Best Dressed" woman student.

Selected from a group of 30 fashion-minded coeds, Miss Manning will be featured in the Mademoiselle section of La Ventana, and will automatically be entered in "Glamour" magazine's Ten Best Dressed College Girls contest.

Runners-up were Nan Taylor, junior of Cleburne and Marcey Molen, freshman from Greenville.

Pat Hamilton, Cleburne, was master of ceremonies for the contest.

Contestants modeled in three outfit divisions—casual campus wear,

dressy off—campus ensemble and formal evening attire.

The Texas Tech choir, has been invited to appear Monday (March 9) with the Roswell Symphony Orchestra in their fourth and final performance of the season.

The Tech choir will perform with the Roswell High School choir, and sing Faure's "Requiem," and Brahms' "Schicksalslied" during the concert at 8 p.m. in Pearson Hall on the campus of New Mexico Military Institute.

George Osborne and Mrs. Katherine Osborne, of the Tech music faculty will be soloists. Gene Kenney, associate professor of music at Tech, is choir director.

12-3-6

"SLAVING FOR SLAVE DAY"---Two members of Sigma Alpha Eta, honorary speech and hearing therapy society, get ready to do some "chores" as the organization holds "Slave Day" today (March 7) to raise money for the speech and hearing clinic. From left are Linda Ladig, senior from Bellville, and Joe Melcher, junior from Slaton. Members will do odd jobs today, at 75 cents an hour, for Lubbock residents who call PO2-8811, ex. 2155, and request their services.

(TECH PHOTO)

LUBBOCK--Texas Tech's 820th Air Force ROTC detachment has selected three sweethearts.

Honored was Karen Jobe, a junior physical education major from Texas City. She is 801st Group sweetheart and is area officer for Angel Flight, women's Air Force honorary.

Also selected was Sharon Hill, sophomore interior design major from Hereford. She is the wing sweetheart and a member of Kappa Kappa Gamma, social sorority.

Also named was Shelia Helbing, junior secretarial administration major of Richardson, She is 802nd Group sweetheart; a member of Delta Delta Delta, social sorority, and a member of Angel Flight.

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Four electrical engineering students will present research papers Tuesday (March 10) to determine who will represent Texas Tech in district competition of the Institute of Electrical and Electronic Engineers.

Reading the papers at 7 p.m. in the South Plains Electric Cooperative Auditorium will be Mike Bunyard, Lubbock; Tom Parish, Fort Worth; Bruce Powell, Shaker Heights, Ohio; and Travis Simpson, Dierke, Ark.

First and second places will be selected by the Local Chapter of IEEE. Top winner will compete in the IEEE district research competition for students April 22-25 in Dallas.

Simpson's paper will be on "Network Solution by Residual Networks." Co-author is Austin Foote. Bunyard will report on "Curve Representation by Time Delayed Functions."

Powell will read his paper on "An Investigation of Learning
Time in Selected Pattern Recognition Systems." Parish's subject
will be "Prediction of Stationary Random Waveforms."

LUBBOCK--Texas Tech's agronomy club honored three Lubbock businessmen and nine outstanding agronomy and range management students at the Club's annual banquet in the Texas Tech Union Ballroom.

Joe Duncan, a senior from Roscoe, was named outstanding senior for the agronomy and range management department. His honors came as the result of his overall achievement at Tech, including extracurricular activities as well as scholastic achievements.

The top seniors academically were Joe Dwyer of Wellington in agronomy and John Malechek of San Angelo in range management. Dwyer's grade point average was 3.6 while Malechek's was 3.59.

John Paul Walter of Lubbock and Tommy Welch of Seagraves were named as the top juniors. Walter, an agronomy major, recorded a grade point average of 3.14. Welch, a range management student, had a 3.15 grade point average.

Rudolph Baumgardner of Plainview and Darrell Ueckert of Merkel were named as top sophomores. Baumgardner's grade point average is 3.9. Ueckert has a 3.42 grade point average. Baumgardner is studying agronomy while Ueckert's major is range management.

Outstanding freshmen were Kent Keeton, in agronomy, and Harold Featheringill in range management. Keeton, from Lubbock, posted a 3.78 grade point average. Featheringill, from Olton, had a 3.0 average.

The eight students cited for academic achievement received certificates of achievement from Dr. Clark Harvey, professor of agronomy and range management at Tech.

LUBBOCK - Kay Cravens, Texas Tech senior chemistry major from Anthony, is El Paso's Community Ambassador for 1964.

She was chosen by the El Paso Community Ambassador Club, affiliated with the Experiment in International Living. She is the fifth ambassador sponsored by the El Paso club.

Miss Cravens will spend July and August in Egypt. She will spend one month living in a family home and another month traveling throughout the country.

The El Paso ambassador is president of the Tech Union. She is also a member of Mortar Board, a student affiliate of the American Chemical Society and a member of Tau Beta Sigma music sorority. She is currently listed in the 1963-64 Who's Who Among Students in American Universities and Colleges yearbook.

She represented Texas Tech as a 1964 Sun Carnival Princess in El Paso and is past director of public relations for the Union.

About 15 applicants were interviewed in El Paso, after submitting written reports on their backgrounds, interests and reasons for wanting to go abroad.

A Texas Tech graduate student in music, Lowell Cross, has been named the recipient of a Woodrow Wilson National Fellowship Foundation award.

Cross, music librarian at Tech, received notice from the Foundation that he would receive the award to attend the university of his choice to work on a masters degree in music.

A Tech graduate, Cross was selected from 11,000 college seniors, representing a total of 904 colleges and universities in the United States and Canada.

The Foundation, dedicated to developing "college teachers for tomorrow," is the largest private source of support for advanced studies in the liberal arts in North America.

Awards went to 1,507 students for the 1964-65 academic year. The fellowship includes full tuition and fees for the first year, as well as \$1,800 and dependency allowances.

Cross, who is especially interested in electronic music, and has composed music in this field, plans to attend the University of Toronto, which will offer a degree in eletronic music.

Cross received the B. A. degree from Tech in English in 1961 and another B. A. degree in music in 1963. He attended Lubbock public schools, and graduated from Lubbock High School in 1956.

He is the son of Dr. and Mrs. J. C. Cross. Dr. Cross is a professor of biology at Tech.

Cross was nominated for the fellowship by Dr. Gene Hemmle, professor and head of music at Tech. After a written screening, including a foreign language competency exam and a 1,000-word essay on his intellectual interests, Cross had an oral interview.

Lowell Cross--add one

Approximately 150 students from Texas and Louisiana went through the oral screening before a committee of five leading educators, representing various universities.

Dr. David Vigness, professor and head of history at Tech, is campus representative for the National Foundation.

4-3-10

LUBBOCK - Texas Tech's two-year-old computer center doubled its capacity recently when the second IBM 1620 Model 2 computer was installed and made operational.

Tech's new 1620 computer with up to 60,000 core positions in which memory data is stored has been called an excellent teaching tool.

Approximately 100 different operations can be performed by this new computer.

According to Gerald Locke, computer technologist, "The 1620 Model 2 permits students to learn basic principles they can apply to more complicated computers later."

Locke is a native of Paris, Tex., and has a B.B.A. degree in accounting from Tech.

Locke continued, "This new computer is specifically designed for technological applications. Being an add-to-memory computer, any core storage position can be used for accumulation of a result."

The computer is composed of two units, the 1620 Model 2 central processing unit and the IBM 1625 core storage unit. The console features control keys and switches, an indicator panel and a typewriter keyboard which is capable of printing 15 characters per second.

Locke added, "Tech's school of Engineering currently has one course on computer programming. Computer language is essential to engineering graduates.

(more)

Aside from the classroom aspects of the computer, two research projects with the Tech Textile laboratory are currently under way. Through use of computers, the task of compiling and averaging data on the grade, staple and micronair of cotton from 22 counties in the Lubbock area takes less than one hour. Manually, this process would take several persons many weeks to complete.

The new computer raises the value of the Center to \$375,000. Both computers are completely transistorized and the new model is equipped with printed circuits.

"We are anxious to get into more research," Locke said. "The computers are already being used by faculty members from all the departments of the College."

To accommodate the demand load for the computers, Locke has set the Center's hours at 8 a.m. until 11 p.m. daily.

"In reality we are open around-the-clock," he added. "A large number of people prefer to make reservations to use the computers after midnight when there is less noise to distract them from their work."

Locke has two graduate students, Jerry Parsons of Lubbock and Murphy Allison of Alice, and five student assistants working in the Center.

Parsons is working toward his master of science degree in education and plans to write his thesis on computer applications to teaching.

Allison is working on a master's degree in mechanical engineering.

LUBBOCK -- The Texas Tech chapter of Delta Phi Alpha, national German honorary fraternity, will hold its spring initiation of new members this week.

A talk by Prof. Wolodymyr T. Zyla, entitled <u>Nietzche and Christianity</u>, followed by a tea and reception honoring the initiates, will be held immediately after the initiation ceremony.

Students to be initiated are Beverly A. Bryant, Sherman; Carol Ann Cochran, Phillips; Kathie A. Cherry, Lorenzo; Carl R. Ezell, 318 Royal Oaks Dr., San Antonio; Patrick R. Harris, Saint Jo; Cheryl L. Hunter, Phillips.

Stephen Pat Magee, Lubbock; Michael N. Swanson, Spur; and Connie M. Pajot, 2610 Rebecca, Big Spring.

Prof. Zyla, assistant professor of foreign languages, will also be initiated.

Officers for the 1963-64 year for Delta Phi Alpha are William G. Elmore, 308 North St., Dallas, president; John M. Haschke, Harwood, vice-president; and Norma D. Battles, Dimmitt, secretary-treasurer.

Faculty advisors are Theodor W. Alexander, associate professor of foreign languages, and Alexander P. Hull Jr., associate professor of foreign languages.

Dr. Maxwell Gage, a New Zealand authority on geology, will lecture on "The Touch of Ice--Glaciers and Landscape" Wednesday (March 11) at 7:30 p.m. in the Texas Tech Biology Auditorium.

The lecture, which is free and open to all interested persons in the Lubbock area, will deal with landscapes which have been modeled by glacial action.

Photographs will be used to demonstrate the contrasting effects of continental ice-sheets and mountain-valley glaciation.

Dr. Gage, a reader in geology at the University of Canterbury, Christchurch, New Zealand, is visiting the Tech campus as part of the 1964 American Geophysical Institute international scientist program.

Dr. Gage became interested in geology during his undergraduate days at Auckland University. He did graduate work at Victoria College and earned a Master of Science degree in 1935.

In 1936 he began an 11-year tenure with the New Zealand Geological Survey conducting surveys of coal and other mineral deposits. He received a doctor of science degree from the University of New Zealand.

Various travel and research grants have enabled Dr. Gage to become familiar with glacial geology in Britain and the United States, as well as in New Zealand.

PANTEX - Amarillo Mayor F. V. Wallace heads a list of seven speakers who will appear at the formal dedication of Texas Tech's \$500,000 Killgore Beef Cattle Center here Thursday (March 12).

Mayor Wallace is scheduled to deliver a welcome address to guests attending the dedication. Following his speech, personal messages will be read from U. S. Representatives George Mahon of Lubbock and W. R. Poage of Waco.

Rep. Poage is currently serving as vice chairman of the House Committee on Agriculture in Washington.

Next speaker will be Ferry Carpenter, a long-time Colorado rancher and former chief of the U. S. Bureau of Land Management. Carpenter's address is entitled "A New Goal for Beef Producers."

Manuel DeBusk of Dallas, chairman of the Tech Board of Directors, and Dr. R. C. Goodwin, Tech president, will deliver the addresses which officially open the Killgore Center.

Next on the program will be comments by C. E. Weymouth, A. A. Bush, and W. N. Durham, Jr., trustees of the Killgore Foundation.

Dr. George Ellis, Jr., manager of the Texas Tech Research Farm and the new Killgore Center, concludes the Thursday morning program with research reports and announcements about the afternoon sale of 110 registered, performance-tested bulls.

After the morning round of speeches, guests at the dedication will feast on old-style Texas barbecue and all the trimmings.

Texas Tech's All-America footballer David Parks has received special commendation from officials of the Shrine East-West All-Star game in San Francisco.

In a letter on Parks to Tech President R. C. Goodwin, Managing Director W. M. Coffman said "This young man not only played well, but did credit to Texas Tech and to the game as a whole."

Coffman said the 39th contest, in which Parks played, earned more than \$250,000 for the Shriners Hospitals for Crippled Children.

9-3-11

LUBBOCK--Dick Plank, Texas Tech freshman from Hereford, and outstanding Deaf Smith County 4-H Club member, will be a member of the Texas delegation to the National 4-H Conference in Washington, D. C., in April.

While at the conference, the delegates will meet with 4-H members from the other 49 states, Puerto Rico and Canada, and will be housed at the National 4-H Club center. In addition to conference activities, the members will visit the White House, Congress, departments of government and historic centers in and around Washington.

Plank is the son of Mr. and Mrs. Earl Plank of Hereford. He has been a 4-H member for nine years and twice has been a state contest winner, in 1961 in the Field Crops program and in 1962 in the Grain Marketing program.

He served as class officer while in high school and was a member of the student council. Plank has also been a junior board member of the Hereford Grain Corp. and attended a clinic at the Chicago Board of Trade recently.

ATTENTION: PETROLEUM EDITORS

LUBBOCK-The greatly expanded Southwestern Petroleum Short Course, formerly named the West Texas Oil Lifting Short Course, will be held on the Texas Tech campus April 23, 24, according to Duane A. Crawford of Lubbock, secretary-treasurer of the organization.

Crawford, assistant professor of petroleum engineering at Tech, said that the course name was changed this year "because the program has been broadened from the technology of oil lifting and now includes all facets of petroleum production and drilling and well completion."

Topics included on this year's program deal with drilling and completion; field case histories and reservoir operations; corrosion, paraffin and attificial lift production; and production lease problems.

Crawford added that general interest papers on percentage depletion, management, pollution control, salt water disposal, and water flood source water piplines will be presented during the course.

"Finally, there will be a panel discussion on producing, handling and treating water for water injection projects," Crawford said.

Highpoint of the short course will be the noon lumbheon address Thursday (April 23) by J. L. Sewell of Dallas, president of Delhi-Taylor Oil Corporation.

Crawford also disclosed that J. W. Graybeal, area engineer with the Humble Oil and Refining Company in Midland, has been named program chairman for this year's short course.

Registration for the 1964 short course and the Thursday luncheon will be in the Tech Union. The courses of instruction will be held in several buildings on the 1,800 acre Tech campus here.

Crawford said that he expected a heavy registration from oil men in the Permian Basin and High Plains areas of Texas as well as from other geographical areas.

The Texas Tech Dames Club has presented an unusual contribution to the fund for the new Tech entrance marker.

To show that married students are interested in helping the growth of Tech, the Dames purchased a piggy bank and contacted each of the 238 members for any amount of money they could "borrow" out of the budget. All donations were placed in the bank which now weighs 33 lbs.

A committee of 20 members was used to contact each member personally. Members of the committee were Mes. Dorthy Houchin, Kathy Ikenberry, Jellean Cook, Martha Gardenhire, Lonita Beaty, Beverly Robertson, Vicki Ratliff, Janice Green, Pam Sellers, Jeanne Jarrell, Cheryl Dickerson, Bobbie Sue Jolly, Marilyn Dias, Sue Piland, Mary Sue McQueary, Sonny Vaughn, Shirley Jackson, Sally Halley, Sue Bergner, and Linda Davis.

An address by Dr. J. William Davis, head of the department of government of Texas Tech, will be a highlight of the Ninth Biennial Convention of the League of Women Voters of Texas, to be held at the Driscoll Hotel in Corpus Christi, Tuesday through Thursday (March 17, 18, and 19.)

Dr. Davis, a member of the Citizens Advisory Committee on Constitutional Revision, and a nationally-recognized authority on Constitutional Law, will address approximately 275 delegates, representing 3500 members of the thirty-five local Leagues of Texas, at a luncheon meeting Wednesday (March 18.)

Dr. Davis will speak on "Some Problems of State Government," including comments on reapportionment, state-local relations, and Texas Constitution Revision.

Delegates representing the Lubbock League of Women Voters will be Mrs. Hill Baggett, president; Mrs. Buck Frederiksen, first vice president; Mrs. Kenneth Hodge, Voter Editor; Mrs. T.C. Young, State Current Agenda Chairman; Mrs. Gerald Sandlin, Local Current Agenda Chairman; Mrs. Phil Brewer, local continuing responsibilities chairman; and Mrs. John Anderson.

Also attending from Lubbock will be Mrs. Robert Casperson, a former president of the Lubbock League and currently a member of the Board of Directors of the League of Women Voters of Texas.

Businesson the Convention agenda will include election of officers and directors for the coming biennium. The nominating committee, headed by Mrs. Horton Wayne Smith of Austin, a past president of the Texas League, will present the following slate:

(more)

Mrs. Maurice H. Brown of Waco to serve a second term as president; Mrs. C.M. Linehan of Midland as first vice president; Mrs. Harold E. Murphree, Jr., of Dickinson as second vice president; Mrs. Robert E. Casperson of Lubbock as third vice president; Mrs. William E. Joor II, of Houston; Mrs. Wilson Nolle of Austin; Mrs. E.S. Prashner of San Antonio; Mrs. Raymond Freedman of Dallas; Mrs. D.A. Ballard of Lake Jackson; and Mrs. James H. Brock of Odessa as directors.

In addition to election of officers and directors for the coming biennium the delegates will accept a budget for the coming year and after consideration and discussion will vote on and adopt a program of work for the next two years.

The majority of local Leagues in the state have expressed interest in continuing work already begun on State-Local Relations and also tenacious determination to exert even more effort to promote revision of the Texas Constitution and procedures for a better system of voter registration and conduct of elections in Texas, Mrs. Baggett said.

Other subjects which may be considered by the delegates are in the fields of education, equal rights for women, reapportionment, selection and tenure of judges, finance, regulatory loan act, legislature, water and welfate.

In addition to Dr. Davis, the Convention body will hear Mrs. William S. Morgan of Norman, Okla., who will speak Tueaday evening (March 17) in the Petroleum Club. Mrs. Morgan is at present the public relations chairman on the Board of Directors of the League of Women Voters of the United States.

An address by Philip Deane, director of the United Nations Information Center, will highlight the second day of Texas Tech's Model United Nations today (March 14) in the Tech Union Ballroom.

Tech's second annual Model UN experiment will be climaxed by an Awards Banquet tonight at 7 p.m. in the Tech Union.

Following Deane's address, the second plenary session will include debate on resolutions submitted to the General Assembly. The Netherlands, the U.S.S.R. and Nigeria are the three countries submitting resolutions for consideration.

Tech's Model UN began at 10 a.m. Friday (March 13), highlighted by the reading of a telegram from President Lyndon B. Johnson.

Alan Henry of Lubbock, secretary general of this year's Model UN, read the President's message, which stated, "Taking part in a Model UN General Assembly should provide knowledge of the strength-and limitations-of the UN; of its potential as well as its problems."

The President said, "Intelligent discussion and debate on the many and varied problems which come before the UN reveal not only the differences in points of view, of which there are many, but also the similarities arising from mutual interests."

"The search for areas of mutuality and agreement is one of the crucial tasks of statesmanship, for within these areas lie the only sure avenues toward peace and prosperity."

"I wish you success in your work," President Johnson concluded.

Following the somewhat"spectacular arrival of the Russian delegation, in a black limousine bedecked with red flags and escorted by a police car with wailing siren, the first plenary session got underway with the presentation of the colors, moment of meditation and roll call of delegates.

Henry outlined the three purposes of this year's Model UN at Tech. "First, in researchingtheir respective countries, the delegates learn much about the policies and procedures of the governments they represent."

"Second, you will learn of your countries' stands on racial situations and particularly Apartheid in South Africa."

"Third, you will be studying the mechanics and inner workings of the United Nations. No world problem has ever been solved by ignoring it;" he added.

As the session began South Africa moved that the question of "Human Rights and Apartheid in South Africa" not be considered, as it would be in violation of the UN Charter. The motion was defeated, and presentation of position papers began.

Several delegations have been presenting their position papers in a foreign lanuage.

A flurry of excitement was created toward the end of the first day's session, shortly after 5 p.m., when a spectator in the audience attempted a mock "assassination" of the delegate from Ghana, Miss Pat Eakins.

Miss Eakins was hypothetically "wounded" in the arm by the first "shot", but will be on hand for today's session. An "investigation" was underway Friday night as to the cause of the attempt to "liquidate" the Ghana delegation.

LUBBOCK - Spring pledges for Delta Sigma Pi, Texas Tech business fraternity, are the following: Tommy Albert, 1114 Indiana, Abilene; David Altman, San Diego, Calif.; Ronnie Anderson, Burkburnett; Mike Bradburn, 7228 Wabash Ave., Dallas; David Davis, Lubbock; Dan Dennison, Arlington, Va.; Ronald Edwards, Lubbock; and Bruce Loughridge, 7802 Prospect, N. E. Albuquerque, N. M.

Others include Joe Lowke, 8274 Longford; Ray Luper, Morton; George Mayes, 118 Hickory Ridge, Houston; John Moore, Colorado City; Jimmy Partin, Rt. 4, Abilene; Jimmy St. Clair, Morton; Patrick Stoltze, Euless; Charles Williams, 3575 Hunters Glen, Abilene; Jim Windle, 1110 Alma, Wichita Falls; Mike Ringley, 3233 Royal Lane, Dallas.

LUBBOCK - Pledge pins were presented to 15 Texas Tech pledges of Women's Service Organization.

Pledges are Olivia Raffield, 5922 Meaders, Dallas; Marcy Pritchard, 4608 Inwood Road, Fort Worth; Pam Sparkman, Alexandria; Loretta Grant, Shallowater; Marie Horn, Olton; Karen Watson, Crosbyton; Kay Fulfer, Idalou; and Lana Schultz, 4008 Angus Dr., Fort Worth.

Also pledging are Barbara Fowler, 451 Mayrant, Dallas; Karen Poff, Lubbock; Lynetta Cain, Tahoka; Pat Cutshall, Midland; Melody Stenis, Lubbock; Alice Wiggin, Lubbock; and Marilyn Treadwell, 2650 W. Twohig, San Angelo.

LUBBOCK -- Texas Tech's chapter of Kappa Kappa Psi, national band fraternity, has elected new officers and selected pledges.

Wells Teague, junior of Lubbock, will serve as president; Glen Thompson, junior of Snyder, vice president; Robert Dawes, junior of Big Spring, recording secretary; and Keith Thomas, sophomore of Lubbock, corresponding secretary.

Other 1964-65 officers include Fred Schroeder, sophomore of Seguin, sergant-at-arms; Mickey Owens, senior of Tahoka, pledge trainer; Julius Graw, junior of Uvalde, assistant pledge trainer; Mike Struve, sophomore of Abernathy, rush chairman; and David Taylor, sophomore of Slaton, social chairman

Pledges that were accepted include Raymond Lusk, junior of Kerrville; Danny Oliver, freshman of Hale Center; Billy Watt, junior of Pasadena; Jim Griffin, freshman of Richardson; Stanley Borum, freshman of 3600 Norfolk Road, Fort Worth; and Doug Foster, freshman of 10505 Chesterton, Dallas.

TO: Deans and Department Heads

SUBJECT: NBC program on higher education

FROM: Public Information Office

The National Broadcasting Company has informed us that it will present a one-hour news program Sunday, March 15, on California's higher educational system. NBC did not specify the hour but it probably will be at 9 p.m., Central Standard Time. It will be in color.

I thought you might like to know of the program.

It is entitled "The Thousand Mile Campus." Chet Huntley will narrate.

Cordially,

Adrian Vaughan

AV:bc

LUBBOCK --- Two Texas Tech students, Lynne Holmgreen and Ken Fritz, were named "Beauty and the Beast" at the annual dance sponsored by Alpha Phi Omega, social sorority, in the Tech Union this weekend.

Miss Holmgreen, a freshman elementary education major from 230 Craigmont, San Antonio, was sponsored by Wells residence hall. She is a member of Zeta Tau Alpha, social sorority.

Fritz was sponsored by Zeta Tau Alpha. He is a senior industrial management major from Lubbock and a member of Kappa Alpha, social fraternity.

The winners were chosen from a field of 10 contestants, six beasts and four beauties. Other contestants were Carole Brashear, Petersburg; Dixie Thomas, 342 College Dr., Abilene; Carole Barnes, 6706 Kingsbury, Dallas; Clark Pfluger, Eden; Wells Teague, Lubbock; Roger Camp, Lubbock; Sid Wall, 3103 Seevers, Dallas; and Harold Denny, 420 Highland, Amarillo.

Votes were cast by students for a penny apiece. Proceeds go to the Tech fountain entrance fund.

Texas Tech's second annual Model United Nations will begin at 9:30 a.m. Friday(March 13), when 52 countries, represented by Tech students, will debate "Human Rights and Apartheid in South Africa."

The two-day session in the Tech Union will feature Phillip Deane, director of the United Nations Information Center. Deane will speak at the 9:30 a.m. session Saturday (March 14).

A Greek national, Deane was a correspondent covering Washington for the London Observer before his UN appointment in 1961. He served in the British Royal Navy during World War II, then as director of information in the Greek Ministry of Coordination in London.

A coffee and reception is planned for delegates and participants in the Model UN at 9:30 a.m. Friday (March 13). The first plenary session begins in the Tech Union ballroom at 10 a.m. Following introductions and the roll call of delegates, position papers will be presented throughout the day until 6 p.m.

The second plenary session will begin Saturday morning following Deanes address. The Model UN ends at 6 p.m. Saturday, followed by a 7 p.m. Awards Banquet in the Tech Union.

Secretary General for this year's UN is Alan Henry of Lubbock. Dwight Young of Lubbock will serve as president of the General Assembly, with Dr. Paul Woods, professor of history, as faculty advisor.

Block leaders and their faculty advisors are the following: Jeri Rogers of Texarkana, and Dr. Van Mitchell Smith, African; Anne Homan of 801 Gregg, Big Spring, and Dr. Harley Oberhelman, Latin American; Richard Hollingsworth of 713 Waverly, San Antonio, and Dr. Robert Lawrence, Soviet; Norman Mayes of Pasadena, and Dr. William Oden, Middle East; Marcia Winkelman of Richardson, and Dr. Sterling Fuller, Asian; and Zafer Cetinkaya of Istanbul, Turkey, and Dr. Lowell Blaisdell, Western.

The delegates will discuss South Africa's policy of apartheid, or separate development of the races, one of the oldest topics on the real United Naions agenda.

During a consideration of the question last year in the UN, South
African Foreign Minister Louw defended apartheid as an "essentially domestic
affair," which his government firmly believes to be "in the interest of
all sections of our people."

During a meeting of the Special Political Committee in the real UN many delegations drew attention to the increasingly explosive situation in South Africa, which they felt "might endanger international peace."

Tech's Model UN will hear from representatives of all the major blocks in discussing the question, then hold debates Saturday on resolutions pertaining to the topic.

The Model UN is open to all who would like to observe the experiment.

Among those who will be attending for Deane's address and other sessions are members of the Lubbock League of Women voters, according to Mrs. Hill Baggett, president. Mrs. Baggett reported that all members have been urged to attend as many sessions as possible.

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Dr. Willa Vaughn Tinsley, dean of the School of Home Economics at Texas Tech, is in Lincoln, Neb, this week to study the teacher education program at the University of Nebraska.

Dean Tinsley is a member of a visitation team for the National Council for the Accreditation of Teacher Education. As the only home economist in the group of team specialists, Dean Tinsley will be assigned to the School of Home Economics with particular emphasis on home economics teacher education and both undergraduate and graduate levels.

The main purpose of accreditation is to protect and encourage institution to use their resources to establish and maintain quality programs.

Accreditation makes it possible for one institution to know how to deal with credentials from another institution and to protect society from inferior educational programs.

Institutions are accredited as a whole and also in specialized areas.

The National Council for Accreditation of Teacher Education, as the name implies, seeks to study and evaluate the professional field of teacher education.

Dean Tinsley left Sunday (March 15) and returns to Lubbock Thursday (March 19).

S. Omar Barker, well-known Southwestern author, has recently made a donation of books and manuscripts to the Southwest Collection at Texas Tech.

Included are two original manuscripts. One is a first-draft of "Coward's Courage"--a western short story to be published in 1964 by Progressive Farmer.

The other original item is a corrected typescript of "All-American Mutt" which was published first in the THE NEW YORK HERALD-TRIBUNE SUNDAY MAGAZINE, thirty years ago on March 18, 1934. Six years later it was reprinted by Houghton-Mifflin in a literature text for senior high schools. In 1962 it was included in <u>Great Dog Stories of All Time</u>, edited by Fairfax Downey and published by Doubleday and Company.

"Materials of this sort are especially valuable to students," according to Dr. Everett A. Gillis, professor of English at Tech, "because they demonstrate so well the creative processes."

A native of New Mexico, Barker grew up on a mountain ranch and received the B. A. degree from New Mexico Highlands University. The blond six-footer now resides in Las Vegas, New Mexico. He has had a varied career-rancher, Forest Ranger, newspaper reporter, high school teacher of English and Spanish, Sergeant in World War I, member of the New Mexico Legislature.

Since 1925 he has been a professional free lance writer, contributing to several publications, including <u>Saturday Evening Post</u>, <u>Reader's Digest</u>, Argosy and <u>Maclean's</u>.

Barker has published over 1500 short stories, 1000 fact articles and 2500 poems in about 110 different periodicals in the United States, Canada and England. His materials have been included in sixty national anthologies, including about two dozen texts in American literature.

S. Omar Barker -- add one

A member and past president of Western Writers of America, he received this group's Spur Award for the best western short story of 1955 and its Justin Golden Boot Award in 1961 for "distinguished writing in the Western field 1954-61."

Among the other honors bestowed on this prominent humorist are these: honorary chief, Kiowa Tribe, Anadarko, Okla.; honorary doctor of literature, New Mexico Highlands University, Las Vegas, N.M., June, 1961.

His wife is Elsa Barker, also an author. Mrs Barker is known for her works of western fiction.

A Texas Tech sophomore, Miss Zafer Cetinkaya, has been named recipient of the 1964-1965 American Home Economics Association's \$1500 International Scholarship.

Miss Cetinkaya, home economics education major at Tech, is a native of Istanbul, Turkey. She has received the following awards: the American Academy for Girls, Turkey 1954-61; American Field Service International Scholarship, Hawthorne 1959-60; United Board of World Missionaries Lubbock 1962; and the Mayne Educational Fund Award, Lubbock 1963. Miss Cetinkaya, was one of the block leaders for the Model United Nations held on Tech Campus.

The American Home Economics Association provides \$1,000 of the scholarship and the remainder is provided by the institution at which a student is enrolled.

The AHEA's share of \$1,000 in each award comes from a fund built up by annual contributions from student home economics chapters in colleges and universities throughout the country, home economics and their friends and the honorary home economics societies Omicron Nu and Phi Upsilon Omicron.

The Tech Home Economics Chapter and Phi Upsilon Omicron are providing the \$500 for the institution. Lynn McElroy is president of the Tech Home Economics Chapter and Pat Hamilton is President of Phi Upsilon Omicron.

Miss Cetinkaya is the fourth Tech recipient of the AHEA International Scholarship. Others were Miss Nellie Huyser from the Netherlands, Miss Patricia Coleman from New Zealand, and B. Shaio from Taiwan.

Kay King, assistant professor of home and family life at Texas Tech, was the keynote speaker for the marriage forum, "Youth Looks at Marriage," sponsored by the Y.W.C.A. in Amarillo Tuesday and today, (March 17 and 18th.)

King will set the pace for the series, discussing the many aspects to consider when youth thinks of marriage.

"Are You Ready for Marriage?" was the topic for Tuesday evening's forum.

The Rev. Welden Stephenson will discuss "Religion in Dating and Marriage" and Dr. David M. Patton will discuss "What Should I Know About Sex" during today's evening session.

LUBBOCK Dr. Julio Manuel Montoya, representative of the National Agrarian Institute to the National Committee of Agricultural Extension in Venezuela, visited the Texas Tech campus during his three-day in Lubbock, Monday through today. (March 16-18)

Dr. Montoya devoted much of his time in Lubbock to learning more about Tech's Agriculture School. After a briefing by Dr. J. Wayland Bennett, associate agriculture dean, Dr. Montoya toured the Agriculture School facilities and conferred with Dr. Ralph M. Durham, professor and head of animal husbandry at Tech, regarding all-concentrate feeding tests.

The Lubbock stop-over for Dr. Montoya marked the end of his three-month tour of the United States. His Lubbock activities were arranged through Francisco Gonzalez, program coordinator for Project Good Neighbors.

Dr. Montoya is a graduate of the School of Veterinary Medicine,
University of Montevideo, Uruguay. His undergraduate training included
three years at the Central University of Venezuela in Maracay.

He previously served as he ad of the Veterinarian Service Office in the Southern Zone of Honduras. Later, he was deputy director of the Venzuelan Agriculture and Cattle Bank.

Before assuming his present position, Dr. Montoya was head of the National Agrarian Institute's soils section.

Dr. Montoya is due to leave Lubbock Wednesday afternoon on his return trip to Caracas, Venzuela, with an intermediate stop planned in Houston.

FOR SUNDAY

Texas Tech's Concert Band will be on their annual tour this week through the West Texas area Tuesday, Wednesday and Thursday. (March 24, 25, 26.)

Directed by Dean Killion of the Tech music department, the band will travel to Levelland Tuesday (March 24) for a performance at 9:30 a.m., then to Brownfield at 11:15 a.m.

At 7:30 p.m. Tuesday (March 24) they will be in Andrews, then travel to Odessa High School for a 9:45 a.m. appearance Wednesday (March 25.)

At 1 p.m. the same day they will present a concert in Midland at Robert Lee High School.

Thursday (March ?6) the Concert Band will perform for Odessa Permian High School at 9:50 a.m., and round out the tour with a 1 p.m. appearance at Midland High School.

The program will include "Chester, Overture for Band," William Schuman; "Italian in Algiers," Rossini; "Scheherazade, "Rimsky-Korsakow; "Aguero, Pasodoble," Franco; "An American in Paris," Gershwin; "Milli Attan," Werle; "La Procession Du Rocio," Turina; "American Civil War Fantasy," Bilik; "La Oreja de "ro," San Miguel; "Old Comrades March," Teike; and "March of the Steel Men," Belsterling.

A special number will be "Dialog for Four," Hamm, featuring Keith McCarty, clarinet; Robert Humiston, oboe; Frank Bowen, flute; and Tony Brittin, horn.

Other special numbers will feature Barbara Sperberg, flute, in "Concertion for Flute Solo," Chaminade; and "The Three Trumpeters," Agostini, a cornet sextet with Bobby Faulkner, Mickey Owens, E.W. Hallford, Michard Grady, Albert Moore and Jean Young.

Col. William G. Downey, Southwest area commandant for Air Force ROTC units, conferred with Texas Tech cadets and lunched with college officials Wednesday (March 16) during a one-day visit to the 1,800-acre Lubbock campus.

Col. Downey arrived at Reese AFB Tuesday evening (March 17). He was greeted by an honor guard of Tech's Sabre Flight when he first came on campus Wednesday morning.

Tech Angel flight, female precision drill unit, staged a coffee in Col. Downey's honor following a conference with Tech Air Force ROTC detatchment staff personnel.

Dr. R.C. Goodwin, Tech president, and Dr. William M. Pearce, vice president for academic affairs, were guests at a noon luncheon honoring Col. Downey in the Tech Union Anniversary Room.

Other guests at the luncheon included Col. Dudley Faver, commander of the 3500th Pilot Training Wing, Reese AFB; and Col. Roscoe B. Woodruff, deputy commander for training.

Col. Downey has been at Air Force ROTC headquarters at Maxwell AFB, Ala, since 1962. Prior to that, he served as assistant professor of air science and later as professor of air science at his alma mater, the University of Arizona in Tucson.

Approximately 75 per cent of Col. Downey's time during the two long school terms is spent in travel between various college campuses in his area. This was his second visit to the Tech campus during the 1963-64 school year.

ATTEN: PETROLEUM EDITORS

LUBBOCK - Six general categories have been announced for the greatly-expanded eleventh annual Southwestern Petroleum Short Course April 23,24, on the Texas Tech campus here.

These six general areas include drilling and completion, case histories and reservoir operations; production-corrosion and paraffin control; artificial lift production; production lease facilities; and items of general interest.

Short Course officials emphasize that the entire scope of the meeting will be more attractive to the heavy concentration of oil industry personnel in the West Texas=New Mexico Permian Basin.

Until this year, the Short Course was officially named the West Texas Oil Lifting Short Course.

Under the drilling and completion heading, topics included will deal with a design for cementing deep Deleware Basin wells; basic concepts of fracture treatment design; diagnostic tools for evaluation of quality of tubular goods and sucker rods; and routes to lower well costs.

"Cedar Lake Southeast Field-San Andres Reservoir Behavior Under Water Flood" will lead the case histories category. Others include the history of a Scurry County, Tex., reef unit; early estimation of gas well reserves using BHP buildup and drawdown data; and economic factors involved in waterflooding.

Four Short Course papers will deal with corrosion and paraffin control in production. The first of these is a case history of high pressure sour gas well corrosion control in the Brown Bassett field.

Next will be a paper on cathodic protection of oil field lease equipment. Other papers in this category deal with the use of chemical dispersants to control paraffin problems, a method for determining the treatment requirements and corrosion of oil and gas production equipment.

Petroleum Short Course - add 1

First under the artificial lift production grouping is a discussion of money saving ideas from a dynameter card. Next will be a paper on gas lift design and analysis followed by data on the application of gas lift for small diameter tubing installations.

Other topics in this area include development of rod pumps and subsurface accessories for pumping gaseous wells; tubing movement and tubing anchor payout in pumping wells; and hydraulic pumping in small diameter casing, sizing pumping unit prime movers; distribution of electric power; and rod pumping system design.

Four papers will be presented under the production lease facilities heading. The first of these is entitled Centrifugal Versus Plunger Pumps for High Pressure Water Injection."

Next are a pipeliner's look at lact, tank battery consolidation in the dollarhide unit; and an approach to automatic oil field production operations.

In the general interest category, the first topic is concerned with the statutory depletion allowance and its relationship to reserves, producing rates and operating conditions.

Other topics include hazards of static electricity, functions of management and management training; pollution control activities of the water pollution control board and the Texas Water Commission; salt water disposal problems from the operator's viewpoint; and design and installation of the Capitan Reef source water supply system to serve West Texas.

Registration for the two-day short course will be Thursday, April 23 in the Texas Tech Student Union. Classroom sessions are scheduled for the Petroleum Engineering, West Engineering and Architecture-Computer Buildings on the Tech campus.

LUBBOCK - A Texas Tech graduate student from Levelland is concerned about the safety of your water supply and plans to do something about it.

Charles Forehand, a graduate student in entomology from Tech, has recently started a two-year series of studies involving playa lake modification as related to underground water.

This research is being done under a \$4,800 fellowship grant from the National Institute of Health.

"Forehand's grant is the second largest ever conferred on a Tech entomology student," according to Dr. Donald Ashdown, professor of entomology. "Forehand "Forehand's studies will be a continuation of playa lake modification research first started at Tech in 1961."

Forehand will be orking with a new piece of equipment, in Tech's entomology department a gaschromatograph. This apparatus will be used to determine the amount of chemicals found in water and soil samples.

Dr. Ellis Huddleston, assistant professor of entomology at Tech, explained, "The gaschromatograph will allow Forehand to detect the presence of potentially dangerous insecticides in playa lake water."

Dr. Huddleston added that this type of research is important because most playa lake water eventually goes into underground water reservoirs.

"Contamination of this water by insecticides or by any other substance would be a catastrophe," Dr. Huddleston said.

In addition to his studies using the gaschromatograph, Forehand will devote much of his time to a continuing series of encephalitis control experiments.

Forehand has an interest in entomology which dates back to his early childhood. Through his father, Artie Forehand of Levelland, he started working with cotton insects commonly found on the South Plains.

Charles Forehand - add 1

After he received his B.S. degree in entomology, Forehand went into the Army and was assigned as an entomologist in the 6th U.S. Army Medical Laboratory, Ft. Baker, Calif. At Ft. Baker he worked on studies which determined the effect various insecticides had on insects.

Forehand is married to the former Miss Barbara Lewis of Levelland.

He is a graduate of Levelland High School.

FOR SUNDAY

The Omega chapter of Phi Upsilon Omicron will hold its spring initiation at 6:30 a.m. today (March 22) in the Home Economics Building.

Following initiation a breakfast will be held at 9:30 a.m. at the In Town Inn, honoring the new initiates. The chapter will attend church services together.

Initiates are Miss Jeanne Madsen, 6254 Locke Lane, Houston; Miss Janet Meyers, Commanche; Miss Fay Moss, Ben Franklin; Miss Juana Jo Moore, White Deer; Miss Sandra Wood, Estelline; and Miss Zafer Cetinkaya, Istanbul, Turkey.

Also are Miss Jeanette Tidwell, Stephenville; Miss Patsy Rannefield, Roscoe; Miss Kay Arend, 1018 Vanderbilt, San Antonio; Miss Beth Baker, Quanah; and Miss Lottie Lee Wade, Boise City, Okla.

Initiates from Fort Worth are Miss Barbara Brooks, 3583 Cromart Court; Miss Cecile Crowder, 3812 Shellbrook; and Miss Jo Hansen, 6487 Woodstock.

Those from Midland are Miss Rebecca Meadows, 2607 Fannin; and Miss Sara Rajnus, 2413 Stanolind.

Initiates include from Dallas, Miss Judy Fite, 9545 Dixie Lane, and Miss Betty Jo White, 3603 Harvard. From Cleburne are Misses Jeanette Elmore and Nancy Sowell. Miss Betty Huffman from Breckenridge is also an initiate.

Those initiates from Lubbock are Mrs. James Badgett, Mrs. Helen Britton,
Misses Janet Stark, Sue Thompson, and Mrs. E. H. Todd and Miss Tanya Tarkington.

11-3-19

Texas Tech officials and colleagues honored Mark Gosdin, long-time superintendent of grounds maintenance and assistant professor of horticulture and park management at Tech, with a surprise coffee and open house Thursday (March 19) afternoon in the Physical Plant Building.

Gosdin, who is leaving Tech to accept a position in Austin as assistant director of parks, with the Park and Wildlife Commission, heard tributes from Tech President R.C. Goodwin; Dr. W.M. Pearce, academic vice president; John Taylor, business manager; and Elo Urbanovsky, head of the park administration department at Tech.

Approximately 150 persons visited with Gosdin between 3 and 5 p.m. and heard the brief ceremony in his honor. Gosdin leaves Tech Thursday (March 26) to assume his new position.

Dr. Goodwin told Gosdin, "As we look around our campus we see everywhere the evidence of your work which will exist for many years. We hate to see you go, but wish you the best of luck."

When hope you can transfer the state of Texas into as beautiful a place as you have made the Tech campus," Dr. Goodwin concluded.

The Tech President introduced Dr. Pearce, who presented Gosdin with a gift, a new shotgun, has a token of our appreciation and a symbol of the hope that you will recall all of us with pleasure."

Taylor expressed regrets from M.L. Pennington, vice president for business affairs, who could not be at the ceremony.

Taylor quoted from a letter written to Gosdin in which Pennington said, "Your new job will be an interesting experience and one with a great deal of opportunity for improvement and dedicated service. I know of no one more qualified to improve the Parks System in Texas."

"We can timagine Tech without you, your accomplishments will be evident for generations to come," the letter continued. "You have always gone above and beyond the call of duty and displayed the highest qualities of professional competence and ethics."

"We will always be grateful for the many things you did to make our College, and our community a nicer and more beautiful place in which to live."

Gosdin, an honor graduate of Tech in the School of Agriculture, became a member of the faculty in 1949. He worked last year with Urbanovsky and other Tech park administrators on the project for the study of the State Parks system which attracted wide-spread attention and brought Gov. John Connally, and others state government officials to Tech to view first-hand the finished product.

A native of East Texas, from Camp County, Gosdin received both the bachelor's and Master's degrees from Tech.

Members of the Texas Tech chapters of the freshman men's and women's scholastic honoraries will hear an address by Dr. David Wiley Mullins, president of the University of Arkansas, during their annual banquet at 6 p.m. Saturday (March 21).

The honoraries, Phi Eta Sigma for men and Alpha Lambda Delta for women, will each hold ceremonies prior to the banquet.

Tech officials and faculty, and parents of initiates have been invited, in addition to the parents of Tech students being honored at the All-College Recognition Service Sunday (March 22.)

Phi Eta Sigma will initiate 42 fall and spring pledges at 5 p.m. in the Agriculture Auditorium. Alpha Lambda Delta will hold a pledge service for 61 women at 5 p.m. in the Anniversary Room of the Tech Union.

The groups will convene in the Coronado Room of the Tech Union for Dr. Mullins' address.

Dr. Mullins began his career in the field of higher education in 1941 as associate professor of school administration at Auburn University, where he later served for 11 years as executive vice president.

He received the B.A. degree from the University of Arkansas, being graduated with honors in 1931 with majors in mathematics, and history and political science.

A member of Phi Beta Kappa, national honor fraternity, Dr. Mullins holds the master of arts degree from the University of Colorado and a doctorate from Columbia University.

Dr. Mullins is a past president of the Southern Association of Land Grant Colleges and State Universities. He is a member of the National Commission on Accrediting; the Committee for the Advancement of School Administration; and the National Planning Council of the National Planning Association.

He is a trustee of the Southwest Research Institute of San Antonio; a former member of the board of the Graduate Research Center of the Southwest in Dallas; a member of the Committee on Accrediting of Collegiate Business Education; and a member of the National Advisory Council on Economic Education for Invest-In-America National Council, Inc.

A former district governor of Rotary International, Dr. Mullins is married to the former Eula Harrellof Williford, Ark., and they have three children.

Dr. Mullins was born in Sharp County, Ark., and educated in Arkansas schools. He served as an officer in the U.S. Navy during World War II.

Sgt. 1. C. Thomas E. Tinker, senior non-commissioned officer assigned to the Texas Tech Army ROTC detachment, signed re-enlistment papers recently which will extend his tenure of uniformed service to 25 years.

Col. William M. Brown, Tech professor of military science, administered the enlistment oath to Sgt. Tinker and termed him a "definite asset to the Tech Army ROTC staff."

"The Army is indeed fortunate to have Sgt. Tinker for another three years," Col. Brown said.

A veteran of 22 years in the Army, Sgt. Tinker has served in Ordnance, Artillery, Infantry and Armor. He came to Tech at the beginning of the 1963-64 school year. Before that, Sgt. Tinker was assigned as a security NCO with the U.S. Army in Korea.

This is his third ROTC tour. He was an infantry instructor at Hardin-Simmons University in Abilene from May, 1952, until October, 1955, and again from May, 1959, until June, 1962.

The 1956 Hardin-Simmons annual, the Bronco, was dedicated to Sgt. Tinker.

It called him a "fine Christian, and capable leader of men."

Sgt. Tinker is married to the former Miss Blossom Graham of Blythesville, Ark. They have two children, Mrs. Donna Faye Jones and Thomas E. Tinker, Jr.

Sgt. Tinker joined the Army in 1942 and has been on active duty ever since, except for a brief tour in the inactive reserve. After retirement, he plans to settle either in Lubbock or Abilene.

Three Texas Tech faculty members, Dr. Ann Buntin, head of home economics education Miss Marie Carano, and Mrs. Camille Bell, will attend the Area I Future Homemakers of America Meeting to be held at Amarillo High School, today (March 21st.)

Dr. Roy C. McClung, president of Wayland Baptist College, Plainview, will speak on the theme "Learning Today--Leading Tomorrow," at the afternoon session.

Miss Kathy Boston, Hereford, president will make a short speech during the morning session on "Set Your Goals for Learning to Lead". FHA chapters from the Panhandle and South Plains areas will be attending the meeting.

15-3-20 -30-

Texas Technological College Department of Public Information Adrian Vaughan, Director

Miss Billie Williamson, associate professor in home economics education and assistant to the dean at Texas Tech, will serve as consultant to the home economics faculty at Texas Southern University Monday and Tuesday (March 23,24th).

She will assist them in planning a workshop which will be offered at Texas Southern University, Houston, this summer.

Attending the summer workshop will be high school homemaking teachers throughout the South Texas area. Miss Williamson will work with the faculty in planning for using a conceptual approach to teaching family and personal living to high school students.

The South Plains Section of the American Chemical Society will hold an organizational meeting at 7:30 p.m. Saturday (Mar. 21) in room C-2. Chemistry Building, at Texas Tech according to Dr. Arthur L. Draper,

Dr. Draper, associate professor of chemistry at Tech, said that a full slate of officers for the Section will be elected. Eldon Straghan, with the Texas Department of Public Safety in Lubbock, will be guest speaker at the meeting.

Dr. Draper added that all American Chemistry Society members in the 19-county area around Lubbock are cordially invited to attend this organizational meeting.

17-3-20-

Officials of the Dallas-Ft. Worth Art Directors' Show have announced that six Lubbock artists will be represented in the 1964 exhibit which is to be held in Dallas at the Graphic Arts Center, 1037 Young Street, April 25 through May 1.

Artists represented are Joe Garnett, graphic designer and illustrator;

Don Murray, photographer; James D. Howze, assistant professor of architecture and allied arts at Texas Tech; and three senior students from Tech, John Hanna, Dell Hoffman and John Wehrle.

The Dallas showing is typical of advertising art and design shows held each year in major cities of the United States, representing the best of the year's efforts at graphic communication.

Lubbock's United Fund Campaign, composed of work by the six Lubbock artists and art-directed by Garnett, will hang in the show, which will tour several cities and colleges after the Dallas exhibit.

Members of the Texas Tech chapters of the freshman men's and women's scholastic honoraries will hear an address by Dr. David Wiley Mullins, president of the University of Arkansas, during their annual banquet at 6 p.m. Saturday (Merch 21).

The honoraries, Phi Eta Sigma for men and Alpha Lambda Delta for women, will each hold ceremonies prior to the banquet.

Phi Eta Sigma will initiate 40 fall and spring pledges at 5 p.m. in the Agriculture Auditorium:

Larry Charles Burk of Slaton, James Kenneth Burks of Garland; William Louis Byrd of Lubbock; Harold Cain of Plainview; Harold Joyce Cheatheam of Childress; Wm. P. Cox, Jr. of Lubbock; Sammy Cummings of Lubbock; Robert Eudell Curlee of Sinton; Benge Robert Daniel, Jr. of Lubbock; Terry Allen Diveley of 3508 Ohio, Midland; Timothy Hampton Fagan of 3426 Gannett, Houston; Theodore Eric Fox of 13818 Perthshire Road, Houston.

John Thomas Gesin of Port Arthur; James Richard Grady, Lubbock; Cecil
Alfred Green of Lubbock; Eddie Wayne Grisham of Olney; Mobert Joel
Heineman of Lubbock; Lee Ray Herron of Lubbock; Charles Micheal Jones of
Lubbock; Harry Scott Klein of Hobbs, N.M.; Jerrold Curtis Kulm of Shallowater.

Micheal Burns McKinney of 1601 C St. Midland; Wm. Frances McMillen of 4282 Bryce, Ft. Worth; Erwin Henry Meyer of Canyon; Samuel Thurston Montgomery of Whitewright; Charles Wayne Morris of 11223 Myrtice, Dallas; Joel Bryant Morrison, Scagoville; David Leon Nelson of Lubbock; James Micheal Orr of Garland; Daniel Frank Puffer of 9119 Timberside, Houston; Fred Muller Schall of 15 W. Oaks Dr., Houston; Woodie Dee Scott of Lamesa.

John Mack Simpson of Lubbock; Daniel Page Stavlo of Borger, Ronnie Lee Verhalen of Knox City; Clark Suttles Willingham of 9819 Donegal, Dallas; James Roland Woods of Lamesa; Allan Denard Wylie of Kilgore; Charles D. Watkins of Lubbock; Woodrow Daniel Crump, Jr. of Lubbock. Alpha Lambda Delta will hold a pledge service for 58 women at 5 p.m. in the Anniversary Room of the Tech Union for the following:

Sandra Kay Schmidt of Fredricksburg, Adeb Kelley of 2810 W. Fresno,
Austin; Margaret Patts, 4154 Sarowg, Houston; Jill Philbrickof Lubbock;
Beth Rutledge of 5216 Holly, Bellaire; Rebecca Anderson of Taylor;
Judy Jeter of 1412 Lanhan, Midland; Julie Parkinson of 6027 Elleworth, Dallas.

Beverly Grubbs of Colorado City; P. Deane Relf of 3311 Mundy Dr., Dallas; Janet Sue Wood of 2506 Teckla, Amarillo; Lola Darlene Page of Lubbock; Linda Pritchett of Lubbock; Janie Loack of 10601 Willow Grove, Houston; Abby Drinkard of Levelland; Lee Selmon of Lubbock; Sharron Reynolds of Borger; Kay Brumage of 6633 Blue Valley, Dallas; Sallie An Manicapelli of Lubbock; Betsy Watson of Lubbock; Cynthia Allen of Lubbock; Sandra Deering of 5469 Wedgemont, Ft. Worth; Judy Jones of 600 Miverside, Hopewell, Va.,

Annette Warren of Andrews, Karen Gay Lyle of Cactus, Gerry Clark of Slaton; Karen Kitzman of Bandera; Mary Carol Weiser of Crane; Jo Ann Mason of 4417 Kenyon, Little Rock, Ark.; Sharon Cunningham of Lubbock; Cornita Brady of Lubbock; Casandra L. Devlin of Lubbock; Carol McMillan of Mission; Sharon Spalla of 323 Coronet Lane, San Antonio; Sheryl Swanson of Uvalde;

Julie Wendler of 5637 Overbrook, Houston; Mary Elizabeth Cottrell of 4321 Southern, Dallas; Karolynn Kaye Mc Gee of 3612 Patterson, Amarillo; Nancy M. Taylor of 3701 Wedgeway Dr., Ft. Worth; Christine Williams of 9514 Ashcreek, Dallas; Kay Cartwright of Lubbock, Sharon Murrell of 7015 Carvel, Houston; Charlotte Stewart of Snyder; Jackie Clements of Lubbock:

Carolyn Jones of Garland, Roselaine (Rosey) 3. Askton of 3740 Scarlet Ave., Odessa; Norma Ann Clark of Slaton; Carol Kauffman of 712 Canterbury, San Antonio; Nancy Kay Hood Lubbock; Kaye Bryant of Lubbock; Jane Dunagin of Littlefield; Carol Camp of 3855 Lynwood, Beaumont; Vicki Farris of 8742 Fairbend, Houston; Linda Badgett of 4101 El Campo, Ft. Worth; Bernie Craig of Stamford, Judith Kay Brown of 3606 Maple, Odessa; Elizabeth Street

Recognition Services add 2
of 3204 Parrott, Waco; and Suzanne Hightower of 4388 Laos Road,
Dallas.

- 30 -

19-3-20

Texas Tech will honor more than 500 of its most outstanding students during the annual All-College Recognition Service at 2 p.m. today (March 22) in the Tech Union Ballroom.

Dr. R.C. Goodwin, Tech president, will address the group, which will include student leaders, athletes, scholarship holders and scholastic leaders.

Following the ceremony, an informal tea will be held in the West
Lobby of the Tech Union in honor of students being recognized, their parents
and their friends.

Dr. William M. Pearce, academic vice president, will introduce Dr. Goodwin. James G. Allen, dean of student life, will be master of ceremonies for the program.

The Rev. Mark Williams of St. John's Methodist Church will give the invocation. The benediction will be pronounced by the Rev. William Hanly, St. Elizabeth's Catholic Church.

The Tech Choir, directed by John Gilbert of the music department, will sing "No Man Is An Island" during the service.

Dr. Goodwin will introduce students with College Honors, 14 students who have been recognized scholastically at three previous ceremonies.

Dr. Willa Vaughn Tinsley will present 31 students with School Honors for having been recognized scholastically at two previous services.

Class honors, for 79 students who have been recognized once before, will be introduced by Dr. S. M. Kennedy, dean of Arts and Sciences. Individual recognition will be made of 204 students who are being recognized scholastically for the first time. Dr. J. Wayland Bennett, associate dean of agriculture, will present these students.

Dean of Engineering John R. Bradford will present the top-ranking students within the respective schools. Leadership recognition will go to 12 students from Royal Furgeson Jr. of Lubbock, president of the Student Association.

Recognition of 168 scholarship holders will be made by Dr. George Heather, dean of Business Administration. Scholarship recognition of 11 organizations will be made by Thomas Stover of the dean of student life office.

Dr. J. William Davis, head of the government department and chairman of the Athletic Council, will recognize 90 Tech athletes who have been awarded varsity letters during the past year.

Tony Masso, chairman of the College Awards Board, will conclude the ceremony with recognition of 13 teams, organizations and individual students whose performance has brought distinction to the College during the spring and fall semester of 1963.

Seven individual speakers highlighted the fourth annual Young Farmer Field Day Saturday (Mar. 21) in the Auditorium of Texas Tech's Agriculture Building.

More than 175 delegates registered for the day-long conference.

The Field Day is sponsored by the Tech School of Agriculture in cooperation with the State Association of Young Farmers of Texas and the Agricultural Education Division of the Texas Education Agency.

Young Farmer state president, Weldon Mason of Meadow, presided over the morning session, which began with a welcome by Dr. J. Wayland Bennett, associate dean of agriculture at Tech.

E. L. Turner, Young Farmer state executive secretary from Austin, introduced Young Farmer groups and Hulan Harris, area II supervisor from Big Spring, introduced Several special groups.

First speaker for the morning session was Paul Marion, superintendent of the Texas Agricultural Experiment Station at Spur. His address was entitled "Cow and Calf Operation in a Farm Program."

Shelby Newman, talked on "Irrigation Skiprow Planting." Newman is assistant agronomist at the Texas Agricultural Experiment Station in Lubbock.

Following a mid-morning coffee break, Elmer Hudspeth of Lubbock discussed "Herbicides and Systemics in Cotton Production." Hudspeth is an agricultural engineer at the Lubbock Texas Agricultural Experiment Station.

Texas Tech assistant entomology professor Dr. Ellis Huddleston delivered an address on "Sorghum Midge." This speech was followed by one by Delbert Langford of Plainview on "Skiprow Interplanting." Langford is an agronomist with the High Plains Research Station in Plainview.

James Stair of Plainview, Young Farmer state vice president for the area I, had charge of the afternoon session.

Dr. Bennett returned to the podium as first afternoon speaker. His topic was "The Common Market."

"Modern Merchandising of Cotton" was the title of an address by Dan Davis, manager of the Plains Cotton Cooperative Association in Lubbock.

Delegates were then divided into three special interest groups. One group visited the Plains Cotton Cooperative Association marketing facilities at 302 Buffalo Lakes Road. Group number two stayed in the Tech Agriculture Auditorium for a talk on swine production from Jack Barton, Littlefield commercial swine producer.

The third group moved to the Tech Textile Laboratory for a talk on fibre testing and spinning by Bill Crumley, director of the Laboratory.

LUBBOCK - Seven individual speakers will highlight the fourth annual Young Farmer Field Day Saturday (March 21) in the Auditorium of Texas Tech's Agriculture Building.

Approximately 175 delegates are expected to begin registering for the day-long conference at 8:30 a.m.

The Field Day is sponsored by the Tech School of Agriculture in cooperation with the State Association of Young Farmers of Texas and the Agricultural Education Division of the Texas Education Agency.

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Alfred B. Strehli, professor of foreign languages at Texas Tech, will be in Argentina, Thursday (March 26) through April 2 making final arrangements for the Tech-sponsored Summer Language Institute for Secondary School Teachers of Spanish.

Strehli is director of the Institute, which will give advanced training in Argentina to 42 secondary school teachers of Spanish from the United States during the coming summer. It will be the third such institute to be offered by Tech in the South American country, the others having been held there in the summers of 1962 and 1963.

Tech cooperates with the U.S. Office of Education in sponsoring the program, which is supported under the provisions of the National Defense Education Act.

Participation in the Tech institute is restricted to teachers of Spanish who have had prior training at one of the NDEA summer institutes, which have been held within the United States.

Dr. P. Merville Larson, professor and head of speech at Texas Tech, has announced that his department will sponsor a European Theater Tour for credit through the extension division June 4 to July 14.

The summer's itinerary will include visits to important theatrical centers and festivals in England, Scotland, Denmark, Holland, Germany, Austria and France, with attendance at a wide variety of performances.

Travel in Europe will be in charted bus, with en route discussions of current developments in the European theater, making up six semester hours of Speech (3313 and 3314) through Tech's extension division.

Dr. Larson reports that enrollment and reservations are being accepted through April 1 at the Tech speech department on campus. A deposit of \$100 is required with the balance, \$1,250, due by April 1.

The fee includes all transportation from New York and return to Chicago by Scandanavian Airlines System; lodging; all meals, except for one a day in London, Rome and Paris to give participants an opportunity to visit famous eating places of their choice; all theater tickets; and extension registration fees.

Enrollment will be limited to 25 students taking the course for academic credit. Additional enrollment of persons not desiring credit will be accepted to make the total party of not more than 35 person.

Dr. Larson said that those who wish to do so may make arrangements for return from Copenhagen by ship at the same or later time than the scheduled plane departure July 13, with a slight modification in cost.

Plays definitely scheduled in Europe include "Love's Labours Lost" by the Brisol Old Vic Company in Amsterdam; "Murder In The Cathedral" in Canterbury; "Twelfth Night" and "Ring Around the Moon" at the Pitlochry Festival; "Henry V" at Stratford-upon-Avon; and "The Easter Man" at the Birmingham Repertory Theater.

Dr. John R. bradford, Texas Tech engineering dean, will be a resource person for a unique conference sponsored by the University of Southern California Tuesday through Saturday (March 24-28).

The conference will be for recently appointed deans who must face heavy administrative problems with no management experience. It will be held at USC's mountain conference center at Idyllwild.

Dr. Bradford is one of nine resource persons. Forty-five deans have indicated they will attend the meeting.

Sessions will explore many topics--from the organization of the dean's office itself to matters of departmental budget, the administration of engineering research, distribution and delegation of authority and even the objective evaluation of one's own performance as dean.

Among the visiting speakers will be Dr. William Price, executive director of the U.S. Air Force's Office of Scientific Research, who will talk on "A Government Agency Official's View of the Administration of Engineering Research."

Also, Dean Joseph M. Pettit, Stanford University, "Challenges and Satisfactions of Engineering Deanship;" Dean M.R. Lohmann, Oklahoma State University, "Distribution and Delegation of Administrative Responsibilities."

LUBBOCK - Michael Landon, "Little Joe" Cartwright on NEC TV's "Bonanza", headlines the 1964 annual Texas Tech Intercollegiate Rodeo April 30, May 1 and 2 in the Lubbock Municipal Coliseum.

Along with Landon, the Tech rodeo will feature a bevy of beauties and the cream of collegeiate bronc busters from Texas, New Mexico and Oklahoma.

Landon will appear at all four performances during the rodeo, termed the world's largest indoor college rodeo.

More than 300 rodeo performers from 12 colleges are expected to register for this year's event, according to H.C. Zachry, Rodeo director.

"The field in this year's event should be the best we have ever had,"

Zachry said. "The combined attraction of Little Joe Cartwright and returning

prize winners from last year should boost out total attendance over the

20,000 mark."

The Tech Collegiate Rodeo is sponsored by the College Rodeo Club, the largest co-educational organization on the Tech campus and the largest member club in the National Intercollegiate Rodeo Association.

Zachry added that present plans call for professional quality stock to be used in this year's event.

"Walt Alsbaugh of Alamasa, Colo., is furnishing all the stock this year," Zachry said. "Much of the stock was used in the Rodeo Cowboy Association national finals in Los Angeles earlier this year."

Junior Meeks of Anson has the dangerous assignment as clown for this year's event. Nat Flemming of Wichita Falls will serve as arena announcer.

For the first time, reduced admission rates are being offered to girl and boy scouts and Future Farmers Association members.

"Girls and boys in any type scouting uniform and all FFA members wearing their blue jackets will be admitted for 50 cents to the Saturday afternoon performance (May 2)," Zachry disclosed.

(mora)

"We feel that the scouts and FFA play great parts in leading this country's youth and we are happy to be able to offer this special admission price to them."

Tech's rodeo team won the Southwest Region championship in 1962. In 1963, Tech placed third behind New Mexico State University and Sul Ross State College.

R. Sargent Shriver Jr., director of the Peace Corps and newly named administrator of President Johnson's War on Poverty program, will appear at Texas Tech April 9.

Royal Furgeson Jr., president of Tech's Student Council, announced that Shriver will speak at an all-college convocation at 10 a.m. that day, with classes being dismissed for the hour's talk in Municipal Auditorium.

Furgeson credited Congressman George Mahon of Lubbock with "being directly responsible for our obtaining Mr. Shriver." Furgeson said that Mahon may accompany Shriver to Lubbock and added, "We are very grateful to Mr. Mahon for his efforts."

. In addition to his relationship to the late President Kennedy, Shriver has been active in politics for several years.

Widely acclaimed for his administration and successful implementation of the Peace Corps, Shriver has been frequently mentioned as a possible vice presidential nominee on the Democratic ticket with Johnson.

Shriver obtained his law degree at Yale University and joined one of the top law firms in New York. During World War II, he served in the U.S. Navy, and later became the youngest man ever to serve as president of the Chicago Board of Education.

Lord Balerno, Alick Buchanan-Smith, a prominent man in British agriculture circles, called Texas Tech a "place where they make you think" during his Monday (March 23) visit to the 1,800 agre Lubbock campus.

Lord Balerno will climax his Lubbock visit with a 7:30 p.m. address to the general public on the problems confronting British agriculture Tuesday (March 24) in the Tech Agriculture Auditorium.

A long-time practicing farmer and university professor, Lord Balerno currently owns 700 acres of farm land in Scotland. In comparing British farms to those in the United States, he said that the size tends to vary from area to area.

"Farms in the hill country are a great deal smaller than those in wheat regions," he said. "We would like very much to buy up smaller farms and assemble a more economically-sound acreage size, somewhere in the neighborhood of 150 acres."

He said that there is some resentment to this plan among older people but added that this same plan had been put into effect on a great scale in Switzerland.

"We did this same type of thing during the second world war when we simply couldn't afford ineffecient food production. This would be similar," Lord Balerno continued.

The Tech visit served to re-unite Lord Balerno with one of his sons,

Jock Buchanan-Smith, a graduate student in animal husbandry at Tech.

Young Buchanan-Smith holds the bachelor of science degrees from the University of Aberdeen, Scotland, and Iowa State University.

British agriculture authority Lord Balerno discussed British farm subsidies and livestock production during his Tuesday evening (March 24) address in the Texas Tech Agriculture Auditorium.

"To provide security for the British farmer," Lord Balerno said, "the government each year announces a guaranteed price for each commodity. If the world market price drops below the guaranteed price, the government makes up the difference when the commodity is marketed."

He added that he favored this method over the system used in the United States whereby the government buys excess commodities from the farmer.

"The U.S. method tends to cause over-production and also creates the enormous surpluses the United States now has on hand," he added.

Lord Balerno said that eggs and poultry are the only two commcdities which fall under no subsidy in the United Kingdom.

"Our farmers provide 100 per cent of the eggs and poultry we use so that no imports are required and therefore no world market price is applicable."

Turning to livestock, Lord Balerno said that British agriculture is primarily a livestock agriculture. He pointed out that 70 per cent of the marketed output is livestock.

"About 40 per cent of our livestock industry is involved in beef and dairy cattle production," Lord Balerno continued. "Cattle are the most important animals in Great Britain."

This emphasis on livestock is made possible by the tremendously high annual rainfall, which averages 30 inches in most areas, according to Lord Balerno.

"Grass is our best crop. It requires less cultivation, is the easiest to grow and the most economic crop to maintain due to the high rainfall. We graze cattle on grass in the summer and cut it for silage in the winter," he continued.

(more)

Lord Balerno - add 1

Lord Balerno said that his 700-acre farm is being turned over entirely to grass, adding that his cattle will receive little or no all-concentrate feed.

Lord Balerno, formerly Alick Buchanan-Smith, has been in Lubbock since Saturday. His Tuesday evening address capped an extended visit to Lubbock and the Texas Tech campus.

From Lubbock he will travel to Iowa State University in Ames, Iowa, for an address and then to Purdue University in Lafayette, Ind., where he will attend the Institute of Animal Agriculture meeting.

LUBBOCK - Texas Tech's chapter of Phi Kappa Phi, scholastic honorary for all schools of the College, has announced the pledging of 124 students from Tech's six schools for the spring semester, 1964.

Miss Darla Henderson of Shallowater will automatically become vice president of the organization for the coming academic year because of her grade point average, the highest among the new pledges. Miss Henderson, a junior, has maintained a 3.95 out of a possible 4.0 throughout her college career.

President of Phi Kappa Phi is Dr. George Elle, professor of horticulture at Tech. Secretary is Dr. Paul Woods, professor of history, and treasurer is Dr. Reginald Rushing, professor and head of accounting.

Requirements for membership are that senior students be in the upper 10 percent of their schools. Junior students must be in the upper 2 per cent of their schools, and make up not more than 10 per cent of the total membership.

The new pledges will be initiated at the annual Phi Kappa Phi banquet May $7\,\circ$

Pledges are, from the School of Arts and Sciences, Roger C. Camp,
Dorothy G. Brown, Stephen Pat Magee, Leroy B. Cebik, Eloise K. Schreiner,
Alta Ada Schoner, D. Elizabeth Young, James E. Woodward, Margaret N.
Nall, Jerry C. Tonroy, Carol J. Harvey, Martha Ann Bray, Nancy Ann Jones,
Lubbock.

Also Anne C. S. Connor, Judith D. Campbell, B. Laruth Rigsby, Judy Beth Sell, Douglas D. Ford, Judy Gay Roy, Patricia C. Adkins, Nona Marie Burgamy, Cecile K. Camp, Mainelle Cole, and Myrna B. Stephenson, all of Lubbock.

Those from Houston are Emily Croom, 4054 Grennock; Loys Ann Slaughter, 7067 Academy; Linda Jane Vennema, 72 Huntley Dr.; and Caroline Quebe; 1302 Bridal Spur. Those from Dallas are Sandra Kay Fry, 4829 Forest Lane, and Jeane C. Jacobs, 3049 Grayson.

Other initiates are O. Preston Copeland, 5332 B. Bulcones, Austin;
Dana W. Murphy, 3500 State, Abilene; Barbara G. Sperburg, 2803 E. Overdrive, and E. Beth Hinds, 1622 Castle, Odessa; Linda Yarborough, 4300
Locke, Fort Worth; Rondall E. Jones, 4303 Harvard and Joseph E. Cannon,
2003 Boyd, Midland; Noelle L. Lamb and Nancy Jeanne Lamb, Artesia, N. M.;
Nancy Spikes, Graford; and Barbara Ellen Kanipe, Corpus Christi.

Darla K. Henderson, Shallowater; James M. Minor, Post; Roy Ivy Jr., Crosbyton; Edna M. Faught, Eldorado; Mary Porte Lowe, Monahans; James C. Armstrong, Angleton; Dorthy M. Hansen, Parkridge, Ill.; Betty Sue Thomson, Abernathy; Joveta Richardson, Wolfforth; Thomas N. Williams, Farwell; Betty E. McFarren, Cleburne; Tommy Lee King, Nocona; Lynn M. Chenault, Rt. 1, Box 230, Amarillo; and Verna M. Strawn, Spearman.

Those from the School of Agriculture are John Charles Malechek, Van Court; John Paul Walter, Lubbock; William F. Barkley, Spearman; Edwin T. Meyer, Estelline; Kenneth Lynn Gill, Bellevue; Marihelen Kamp, Tahoka; W. Richard Bush, 7708 Gaston Ave., Fort Worth; Glenn Ray Howell, Seymour; James R. Coppedge, Knox City; and Horst Schach, 5105 Danny Dr., El Paso.

Those from the School of Business Administration are Rita Pat Harrell, Stanton; Annette Inmon, 1405 Sunny Glen Dr., Dallas; Cary Miller, Vernon; Belverd Needles Jr., Lubbock; Gene Reischman Jr., Roswell, N. M.; and Richard E. Spikes, Lubbock.

Those from the School of Home Economics are Karen Edith Morris, White Deer; Jeanette Wilson, Ralls; Pat Hamilton, Cleburne; Mary Behrends, Dimmitt; Linda Gilbreath, 4018 University, Janet Hetherington, 7918 Fairdale, Houston; Lynn McElroy and Charlotte Dorsey, both of Lubbock.

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Those from the School of Engineering are L. Wendell Goin, Phillip Basil Clark, Jim B. Kennedy, Charles A. Betts, Roy Russell Graham, all of Lubbock; Jim Brown Palmer, 802 E. 5th, Odessa; Leo Henry Ceasar, Rt. 9 Box 809, Houston; Thomas Aubrey Cox, 3206 Austin; Amarillo; George Chester Hite, Bellaire; Jerry I. Stafford, Levelland; D. Ronald Fannin, Madisonville; Bill Lee Gunnin, Cedar Hill; and Charles M. Cribbs, Jacksonville, Fla.

Those from the Graduate School are Adrian N. Anderson, Lester
L. Schmidt, James L. Wadley Jr., James C. Whatley Jr., Mrs. Eloise H.
Gray, Mrs. Eleanor M. Waggoner, Mrs. Lois A. Scarlett, Reagan H. Beene
Jr., Keith E. Musselman, Vernon L. Odom, Mrs. Martha C. Brunson,
Dr. Billy B. Everton, and Patrick F. Noud, all of Lubbock.

Frank L. Bartlett, Mrs. Sue S. Park, Abernathy; Mrs. Billy B.
Rankin, Julian C. Hart, Andrews; David K. Ferry, 355 Wayside Dr., San
Antonio; Clyde A. Fort, Lovington N. M.; and Robert R. Arnaw, Lancaster.

James A. Shadden, 8108 Weir Dr., Houston; Mrs. Margaret J. Pereboom, Baton Rouge, La.; Mrs Imogene A. Vaught, 1703 Bryon, Odessa; Mrs. Betty Lou Skinner, Chicago, Ill.; Miss Charmayne Wilson, 1809 Pleasant Dr., Dallas; Rodger Shoemake, Beaumont; Dr. James W. Tunnell, McAllen.

Paul E. Schlimper, Port Arthur; James D. Adams, New Richmond, Wis.; Mrs. Janie R. Flynt, Mineola; Mrs. Judith E. Hearne, 100-B Skyline Dr., Austin; and Ira R. Hulse, Refugio.

LUBBOCK - A chemist, two petroleum engineers and one mechanical engineer will be on the feature panel during the 11th annual Southwestern Petroleum Short Course on the Texas Tech campus Arpil 23, 24.

The quartet will discuss producing, handling and treating water for water injection projects. This discussion will center around the processing of three specific types of water used in waterflood projects.

During the course of the discussion, panel members will recommend operating procedures designed to insure water quality and control of all types of injection.

Panel moderator is Richard J. Cassin, district engineer in the secondary recovery department, Forest Oil Corporation.

Harold J. Frost of Midland will discuss aerated fresh water. Frost is senior operations engineer with the Atlantic Refining Co. in Midland. A veteran of 18 years in the oil business, Frost holds a bachelor of science degree from the University of Tulsa.

Walter J. Hart, Sand Hills Area engineer with Gulf Oil Corporation, will be the second speaker on the panel. His topic is "Hendricks Reef Water as a Source of Injection."

Hart is a graduate of Texas A&M University with a degree in mechanical engineering. His career with Gulf began in 1936 when he was hired as a roustabout and roughneck. After completing his work at A&M, Hart rejoined Gulf as an engineer. He has been area engineer since 1953.

Wallace J. Frank, supervising petroleum engineer with the Humble Oil and Refining Company in Midland, is slated to talk on the use of sewage effluent in a waterflood. Frank received a bachelor of science degree in chemistry from the University of Arkansas in 1934 and a master of science degree in chemistry from Texas A&M in 1936.

He was first employed in humble's Houston Production Laboratory in 1936. After several years of production experience in the field, he returned to Houston and worked in a reservoir engineering group for four years.

Frank specialized in chemical engineering problems pertaining to all phases of water treating and corrosion first in Houston production operations and later in the Midland-Odessa area.

Final panel member is Waylan C. Martin of Monahans. Martin's topic is entitled "Water Quality and Control." He is Texas=New Mexico Division Manager for Treat=Rite Water Laboratories, Inc.

Martin holds a bachelor of science degree from Baylor University and a master of science degree from the University of Texas. His graduate research dealt with studies of gas production by bacteria. He has held his present position with Treat-Rite since 1953.

The panel discussion will be held Friday afternoon (April 24) and will conclude the short course. A lengthy questions and answers session will follow the panel discussion.

Registration for the Short Course will begin Thursday morning (April 23) in the Tech Student Union. Classroom sessions will be conducted in the Petroleum Engineering, West Engineering and Architecture-Computer buildings on the Tech campus.

John Queen, assistant professor of applied arts at Texas Tech, is attending the third National Sculpture Casting Conference in Lawrence, Kan.

The meeting, began Wednesday (March 25) and will bring sculptors from every occupation and interest area. It will end Sunday (March 29.)

"Their purpose is to get together for a rapid exchange of ideas, through panel discussions, sculpture casting demonstrations, and films," said Queen.

A Texas Tech senior, David (Smiley) Irvin, has been given the annual "True Sons of Tech Award" for 1963-64 by his social fraternity, Sigma Alpha Epsilon.

Irvin, head cheerleader at Tech, is the son of Mr. and Mrs. W.E. Irvin, 3700 Bellaire North, Fort Worth. He is a finance major at Tech.

Irvin's name will be engraved on a large "Double-T" traveling trophy, and he will receive a similar trophy to keep. He is the seventh recipient of the award.

At Tech Irvin has been on the swimming team; a member of Saddle Tramps, men's spirit organization; Dolphins, national swimming fraternity; on the hospitality committee of the Tech Union; on the Southwest Conference sportsmanship committee; social chairman of SAE fraternity; and president and wing governor of Gaston residence hall.

LUBBOCK--Eighty Texas Tech students have volunteered to spend part of their spring vaction "talking Tech" before high school groups in their hometowns.

Tech's spring vacation, which includes the Easter season, extends from Thursday (March 25) through next Wednesday (April 1).

The student volunteers will give their evaluation of college life and of Texas Tech in particular. They cannot, of course, speak officially for Texas Tech but can give their own impressions.

The volunteers have been briefed by Dr. Floyd Boze, Texas Tech admissions dean.

Each volunteer is responsible for contacting the high schools and making arrangements for the talks.

The student Council has sent advance letters to the high school administrators, introducing the volunteer speakers.

Texas Tech's Public Information Department has supplied the speakers with a brochure on the College. Copies of the La Ventana yearbook and Daily Toreador, campus newspaper, have been provided by Texas Tech Student Publications.

The speakers will have Texas Tech's official bulletin for entering students, posters announcing the College's annual Science and Engineering Show, and other materials.

Jerry Gibson of Lubbock heads the Student Council committee in charge of the Texas Tech student speakers.

DENVER, COLO.--H. Edsel Buchanan of Lubbock was elected secretary of the National Intramural Association during the organization's 15th annual conference at the University of Denver.

Buchanan is director of the Texas Tech intramural program for men and is also a professor of health, physical education and recreation. His term of office is one year.

The newly-elected secretary received his bachelor of science and master of arts degrees from the University of Michigan. He has been director of Tech's intramural program for men for the past eight years.

Previously Buchanan was chairman of the National Intramural Association's constitution committee. He has also held various key positions with the Texas Association for Health, Physical Education and Recreation and the National College Physical Education Association for men.

Texas Tech's German Club will present its annual "Liederkranz Theater" April 3-7, featuring a play and puppet show, entirely in German.

Performance times for the "double feature shows" are 7:30 p.m. Friday (April 3), 6:30 p.m. Saturday (April 4) 7:30 p.m. Monday (April 6) and 7:30 p.m. Tuesday (April 7), all in Tech's foreign languages theater, Room 217, Administration Building.

In addition, there will be a special performance at 3 p.m. Saturday (April 4) of just the puppet show, with members of Tech's Kinderschule for elementary children participating.

During the special Saturday matinee the Kinderschulers will sing five songs in German, accompanied by Miss Hannelore Schriever, Tech graduate student from Germany, on the guitar. In the other presentations some of the Kinderschulers will participate by conversing with the puppets during the show, as is done in German puppet theaters.

This year's play starring Tech students, studying German, is "Phillip Hotz's Fury" (Die grosse Wut des Philipp Hotz) by Max Frisch.

The accompanying puppet show is "The Imprisoned Princess" (Die verlorene Prinzessin) by Friedrich Senft. A typical German puppet play, it concerns a lovely princess, Adelheid, who is guarded by a fierce crocodile that has eaten all would-be rescuers.

The action revolves around the hero, Kasper, and his attempts to rescue the princess from the woods where she is held captive.

The play stars Albert Battistoli of 4417 States, Abilene; Kathie Cherry of Lorenzo and Carol Ann Cochran of Phillips, who alternate as the princess; Carl Ezell of 318 Royal Oaks Dr., San Antonio; David De Long of Crane; and Michael Swanson of Lubbock and Howard Hoffman Jr., of Slaton, alternating as Kasper.

Max Peter, from Switzerland, a Tech graduate student, is director, assisted by Sally Jackson and Evelyn Forrest of Lubbock.

Frisch's play about Phillip Hotz is basically a comedy, but also includes a development of the Swiss playwright's preoccupation with imprisonment, seen in many of his works.

Hotz's fury is the fury of a man who makes a futile attempt to break out of the conventional prison of his life and do something no one thinks he is capable of --join the Foreign Legion.

The play cast includes Jeff Greene of 4306 Ong., Amarillo, as Hotz;

Jane Smith of 3354 Royal Lane, Dallas; as his wife; heinz Fuhrmann of

Mochester, New York; Mary Ann Baber of Vernon; fat Harris of St. Jo; George

Stanley of Memphis; and Beverly Bryant of Sherman.

Also Roy Custer of Rock Springs, staging; Anna Joe D'Elia of Slaton and Romayne Yeager of Quanah, costumes; keitha Davis of Dimmitt and Cheryl Hunter of Phillips, technical directors; Connie Pajot of Big Spring, prompter.

The play is directed by Theodor W. Alexander, associate professor of foreign languages at Tech, and Miss Davis.

The program will be dedicated to Miss Schriever and Peter.

LUBBOCK - Texas Tech honored more than 500 of its most outstanding students during the annual All-College Recognition Service in the Tech Union Ballroom.

Dr. R. C. Goodwin, Tech president addressed the group, which included student leaders, athletes, scholarsh; b holders and scholastic leaders.

Following the ceremony, an informal tea was held in the West Lobby of the Tech Union in honor of students recognized, their parents and their friends.

Students receiving leadership recognition include Susan Wood, Vernon: Kent Hance, Dimmitt; Kenneth Snider, Seminole; Garland Weeks, Rt. 1, Box Box 282, Wichita Falls; Mary Gaskin, Roswell, N. M.; Travia Peterson, Sudan; Patricia Ann Hamilton, Cleburne; Ronnie Botkin, Summerfield; Carolyn Cravens, Anthony; Gayle Machen, Olton. Those from Milland were Frankie Claunts, 2111 Seaboard, and Carolyn Kelley, 1610 Ventura.

Leaders recognized from Lubbock were Royal Furgeson, James Cole, Gary Lawrence, John Moeser, Judy Price, James Richardson, and Nancy Jones. Those from Fort Worth include Paul Dinsmore, 6557 Greenway and Mary Alice Hill, 7212 Turner Terr. Those from Dallas were Jack McClure, 3313 Villanova Lane; Jimmy Pctter, 3815 Van Ness; Linda Hill, 5329 Belmont; and Carolyn Wood, 6714 Brookshire.

Top ranking students in the respective schools receiving recognition include John R. Baumgardner, agriculture, Olton; Austin Foote, engineering, Mobile, Ala.; Mary Alice Terry, home economics, Coleman; Ray Leon Robbins Jr., arts and sciences, Phillips; James C. Armstrong, arts and sciences, Rock Island; and Sandra Kay Fry, 4829 Forest In ... Dallas. Those from Lubbock included Harold Black, business administration; David Watkins, Deborah G. Johnson, James Clark Huff, Dorothy Brown, and Leroy Cebik, all in arts and sciences.

Students singled out by the College Awards Board for bringing distinction to their college and themselves during the year were Frankie Claunts, Midland; Joe Floyd Duncan, Roscoe; Todd Oliver, San Saba; Ruth Glen Reid, Stanton; Travis L. Simpson, Dierks, Ark.; Lela Terrell, 1032 Duskin, El Paso; and Gerald A. Brown, 5413 El Campo, Fort Worth. Those from Lubbock included David Watkins, James T. Richardson, Lowell Cross and Gary Gore.

Fourteen students received college honors as having been recognized scholastically at three previous recognition services. These included Sue Ring, Floydada; C. Dudley Bayne, Hereford; Pat D. McCarroll, Bellaire; John M. Hasche, Harwood; Ann Bracken Orrick, 3201 Peckham, Wichita Falls; John Arnold Hoiberg, Montville, N. J.; Ronnie J. Kuhler, Littlefield; and Gerldine Ann Hajek, Seymour.

Dallas students receiving college honors were Carolyn Wood, 6714
Brookshire, and Hazel Maurine Hale, 2030 Cloudcroft. Those from Midland
were Marian Sandra Wolfe, 1403 Mogford, and Judith Ann Hawkins, 811 W.
Michigan. Lubbock honorees were Jan Justice and David Watkins.

A number of Texas Tech faculty members will be attending professional meetings through the spring vacation at Tech Thursday (March 26) through April 2.

The Southwest Social Science Conference in Dallas Friday (March 27) and Saturday (March 28) will be attended by several members of the School of Business Administration, as well as history and government faculty members.

John Hildebrand, associate professor of economics at Tech, will present a paper entitled "Surplus Farmers and Economics Development." Fred Norwood, professor of accounting, will present "The Case Study As A Vehicle for Teaching Income Taxes."

William Comer, assistant professor of finance, will serve on a panel discussing "Business Law--Its Purposes in Undergraduate Curriculum."

David Vigness, professor and head of history, will chair a session on "Spanish Border Lands."

Others attending from the history department are Timothy P. Donovan, associate professor; Lawrence L. Graves, professor; V. Mitchell Smith, associate professor; and Paul J. Woods, associate professor.

From the government department, Dr. J. William Davis, professor and head of the department, will attend along with Robert Lawrence, assistant professor; Sterling Fuller, professor; David Welborn, assistant professor; and Dan Nimmo, assistant professor.

A former Tech faculty member, O. D. Faulk who received the Ph. D. from Tech and is now at the University of Arizona, will read a paper on "Arizona in the West."

(more)

Attending from Business Administration will be John Reese, assistant dean; Robert Rouse, professor and head of economics; Norman Weir, associate professor of finance; Charles Dale, associate professor of finance; Vincent Luchsinger, assistant professor of management, and Mrs. Luchsinger, assistant professor of marketing; George Berry, associate professor of finance; and Fred Connell, instructor of economics.

Others are Delmar Hartley, assistant professor of finance; William Pasewark, professor and head of business education; E. J. Holtman, assistant professor; Hugh Anderson, associate professor of economics; John Wittman, assistant professor of economics; and William Cain, professor of management.

Also, Reginald Rushing, professor and head of accounting; Mrs. Luta Eaves, assistant professor of accounting; Raymond Green, assistant professor of accounting; Arthur Roberts, professor of accounting; Robert Amason, associate professor of marketing; John Ryan, professor and head of marketing; and W. C. Hewett, marketing instructor.

Howard Golden, associate professor of marketing; F. L. Mize, professor and head of management; and Dean of Business Administration George G. Heather will also make the trip.

LUBBOCK--I. John Ward and Carolyn Buxton were named "Mr. and Miss Texas Tech" at the annual Coronation Ball this week in the Tech Union.

Miss Buxton, a Richardson senior, is a member of Delta Gamma, social sorority. Ward, senior from Pinehurst, is a member of Phi Delta Theta, social fraternity.

Class favorites were also named. Senior class favorites are W. J. Hill and Christie Brown. Hill is from Bushland and is a member of Alpha Tau O Omega, social fraternity. Miss Brown is from Quanah and is a member of Delta Delta, social sorority.

Junior favorites are John Moeser and Kathy Osthoff. Moeser is from Lubbock and is a member of Sigma Alpha Epsilon, social fraternity. Miss Osthoff is from 6020 Richmond, Dallas, and is a member of Kappa Kappa Gamma, social sorority.

Sophomore favorites are Norman Reuther, 4105 Modlin, Fort Worth, a member of Phi Delta Theta; Tanya Tarkington, Lubbock, member of Pi Beta Phi, social sorority; and Joy Cox, Plainview, Kappa Alpha Theta, social sorority.

Freshman favorites are Mike Jones from Lubbock, and Barbara Birmingham of 8315 Midway Road, Dallas. Jones is president of the freshman class at Tech and Miss Birmingham is a member of Alpha Chi Omega, social sorority.

Members of Texas Tech's men's and womens honorary band organizations have returned from the District 6 Convention in Waco with several offices and awards.

Wells Teague of Lubbock was elected president for District 6 of Kappa Kappa Psi, men's band fraternity. Miss Barbara Sherrell of Lubbock was elected District 6 vice president of Tau Beta Sigma, women's band sorority

In addition the Tech chapters placed second with their school and band display during the three-day convention. Fourteen students from the two Tech chapters attended.

District 6 is composed of chapters from Texas, Oklahoma, Louisiana and Arkansas.

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Dr. J. William Davis, professor of government at Texas Tech, will address a general meeting of the Lubbock League of Women Voters Thursday (April 2nd) at 12 noon in the Johnson House Restaurant, 4801 Ave. Q.

Dr. Davis, who was guest speaker at the recent state convention of the League of Women Voters of Texas held in Corpus Christi, will discuss areas of interest regarding Texas Constitutional Revision.

The League of Women Voters of Texas has long worked toward Texas Constitutional Revision in the belief that the present constitution with its 155 amendements does not allow adequate leeway for economic or governmental growth in Texas, according to League President Mrs. hill Baggett.

This stand, widely supported by students of government throughout the state and nation has been a part of Texas League program since 1952, Mrs. Baggett added.

Dr. Davis, who is head of the government department, is a recognized authority on constitutional law and was a member of the Citizens Advisory Committee on Constitutional Revision. In addition, he is the author of various articles on Texas and national government.

Thursday's luncheon meeting is open to the public, at a cost of \$1.70 a person. Reservations and other information regarding the League may be obtained by calling Mrs. Les Horner, SW 9-0576.

The convention delegates, Mrs. N.W. Weir, Mrs. Kenneth Hodge, Mrs. Baggett, Mrs. Phil Brewer, Mrs. Paul Prior, Mrs. Gerald Sandlin, Mrs. Buck Frederiksen and Mrs. John Anderson, will be present Thursday and will report on the Corpus meeting.

VIDEO

RUN FILM OF INTERIOR SHOTS OF NEW RESIDENCE HALLS UNDER ANNCR.

AUDIO

LIVE ANNCR: Texas Tech will open four elegant new air-conditioned residence halls halls in September providing space for an additional 1,054 men and 808 women.

The four new halls will increase the capacity of Tech's residence system to 7,147.

The four new halls will be almost identiacal in design to Tech's Women's Residence Halls #6 and #7, opened this past September. Each pair of new halls will be connected by a central formal lounge with quarry tile floors and a massive dining area.

Formal lounge areas will have marble columns, patterned stone, walnut paneling and two fountain and pool areas. The large formal lounges and smaller informal lounge areas are intended to give the new halls a comfortable "home" atomsphere.

Each room in the four new dorms will have a telephone and twodesk units, including book shelves, large tackboard and a reading lamp. In addition to ample storage space, furniture in each room is built into construction to make housekeeping a breeze.

VIDEO

(CONTINUE FILM OF INTERIOR SHOTS OF NEW RESIDENCE HALLS UNDER ANNCR.)

AUDIO

Residence hall residents will also have at their disposal a large laundry area with coin-operated washers and dryers, and a concession area with coin-operated soft drink, milk, candy and cooky machines.

The four new halls will raise the value of the Tech Residence System to \$21.8 million.

Michael Landon, who plays "Little Joe" Cartwright on NBC-TV's "Bonanza", will headline the 1964 Texas Tech Intercollegiate Rodeo April 30, May 1,2, in Lubbock's Municiple Colesium.

Landon is scheduled to make personal appearances at all four performances of the event, termed the world's largest indoor collège rodeo:

The "Bonanza" star will arrive in Lubbock Wednesday (April 29).

Landon's plans call for him to make several personal appearaces in conjunction with the Tech Rodeo.

Along with Landon, the Tech rodeo will feature a bevy of beauties and the cream of collegiate bronc busters from Texas, New Mexico and Oklahoma.

The rodeo is annually sponsored by the Tech Rodeo Association.

Additional plans are being made by Texas Tech's Student Council for activities during the visit of Peace Corps Director R. Sargent Shriver to the campus Thursday (April 9).

Shriver, recently named by President Johnson to head the War on Poverty program, will address an all-college convocation at 10 a.m. Thursday (April 9) in Lubbock Municipal Auditorium.

In addition, the Council will sponsor a luncheon for Shriver at the Koko Palace at noon. Tickets are on sale for \$1.50 at the In Town Inn and the Student Council Office in the Administration Building at Tech.

The luncheon was planned to give Lubbock residents an opportunity to meet with Shriver, according to Miss Judy Price of the Council office. Miss Price said that reservations must be made by 5 p.m. Wednesday (April 8).

Shriver will breakfast Thursday morning (April 9) with Col. Faver of Reese AFB, then visit with members of the government department at Tech at 9 a.m.

Royal Furgeson of Lubbock, Student Council president, stressed that Shriver's appearance was sponsored for the benefit of Tech students and for the city of Lubbock, and was not a political appearance.

Shriver has served as director of the Peace Corps since 1961. He was assistant general manager of the Merchandise Mart from 1948 to 1961 and before that associated with the Joseph P. Kennedy Enterprises.

He served in the U. S. Navy from 1941 to 1945 with continuous overseas duty in the Atlantic and Pacific Ocean areas on battleships and submarines.

He was graduated from Yale Law School in 1941 and received the B. A. degree, cum laude, from Yale College in 1938.

Representatives of Texas Tech's Student Council, who are sponsoring the appearance of Peace Corps Director R. Sargent Shriver on the campus Thursday (April 9), have announced that they will sponsor a luncheon for Lubbock citizens to meet Shriver at the Koko Palace at 12 noon that day (April 9).

Tickets will be sold on a first come first serve basis, at \$1.50 each, to cover cost of the meal only, according to Miss Judy Price of Lubbock, Council representative.

Tickets may be purchased at the door Thursday (April 9) but reservations must be made by 5 p.m. Wednesday (April 8), Miss Price added. Those desiring reservations may call the Student Council office, PO2-8811, ex. 3246, before that time.

In addition, the Council has distributed tickets to presidents of local civic organizations so that members may purchase tickets from the club leaders.

"We wanted to sponsor the noon luncheon to give Lubbock business men and women, civic leaders and all area residents an opportunity to visit with Mr. Shriver," Miss Price said.

Shriver, recently named head of President Johnson's War on Poverty program, will be on the Tech campus at 10 a.m. Thursday (April 9) to speak at an all-college convocation. Classes will be dismissed for the speech, in Lubbock Municipal Auditorium.

Cong. George Mahon of Lubbock will plan to be here with Shriver. Cong. Mahon was credited by the Student Council with being responsible for their obtaining Shriver for the convocation.

Mathematics related to studies of the heart and circulatory system will be discussed Monday (April 6) at Texas Tech by Dr. H. Melvin Lieberstein of New Mexico Highlands University.

The free public lecture will be at 4 p.m. in Administration Building 358.

Dr. Emmett Hazelwood, Tech mathematics department head, said the address will be of primary interest to mathematicians but that all interested persons are invited.

Dr. Lieberstein also will be on the Tech campus Saturday for conferences with faculty members and students.

Well-known as an applied mathematician, Dr. Lieberstein has done contract work for the Office of Naval Research and the Army Research Center.

5-4-2

Der Liederkranz Theater Kommt!"

That is to say, the Texas Tech German Club's annual Liederkranz Theater opens at 7:30 p.m. tonight (April 3) for the first in a series of four "double feature" performances through Tuesday (April 7).

Liederkranz Theater, featuring a play in German and an authentic German puppet show, will be presented in the foreign languages theater, Room 217, Administration Building on the Tech campus.

Tickets are 50 cents a person for the two shows nightly. Performance times are 6:30 p.m. Saturday (April 4); 7:30 p.m. Monday (April 6); and 7:30 p.m. Tuesday (April 7).

In addition, a special performance of the puppet show will be presented at 3 p.m. Saturday, featuring children from Tech's Kinderschule, which teaches German to elementary school children.

Some of the Kinderschulers will appear in all performances, conversing with the puppets as is done in the German puppet shows. For the special Saturday matinee the Kinderschulers will sing five songs in German, accompanied by Miss Hannelore Schriever, Tech graduate student from Germany, on the guitar.

This year's play, starring Tech students studying German, is "Phillip Hotz's Fury" (Die grosse Wut des Phillip Hotz) by Max Frisch.

The accompanying puppet show is "The Imprisoned Princess" (Die verlone Prinzessin) by Friedrich Senft. A typical German puppet play, it concerns a lovely princess, Adelheid, who is guarded by a fierce crocodile that has eaten all would-be rescuers, until the hero, Kasper, comes along to free her.

Max Peter, Tech graduate student from Switzerland, is director, assisted by Sally Jackson and Evelyn Forrest of Lubbock. The theater program is dedicated to Peter and Miss Schriever.

Frisch's play about Phillip Hotz is basically a comedy and is directed by Theodor W. Alexander, associate professor of foreign languages at Tech, and Miss Davis.

FOR SUNDAY

The first annual West Texas Conference on Alcoholism will be held Friday (April 10) and Saturday (April 11) on the Texas Tech campus and the Pioneer Hotel.

The conference is sponsored by Tech, the Lubbock Council on Alcoholism, the Texas Commission on Alcoholism and the division of extension of the University of Texas.

The purposes of the Conference are to help those concerned to become better acquainted with the many aspects of alcoholism as a public health problem; and to focus attention on methods simed toward measures of prevention.

Conference officials announced that the meeting will deal solely with the disease of alcoholism and will have no concern with "wet-dry" issues.

Friday's session will begin at 7 p.m. in the Tech Union Ballroom, featuring an address on "Alcohol Addiction" by Dr. James T. Rountree, M.D. Master of ceremonies will be Joe B. Phillips, president of the Lubbock Council on Alcoholism.

The welcome will be given by Dr. Murray Kovnar, Tech professor of psychology. Dr. Rountree will be introduced by W.F. Cain, education director of the Texas Commission on Alcoholism.

Saturday (April 10) the session will begin at 8:30 a.m. in the Colonial Ballroom of the Pioneer Hotel with an address by Dr. C. Stanley Clifton, University of Oklahoma, on "Nature and Scope of the Problem."

At 9:30 a.m. "The Responsibility of the Church in Alcoholism Education" will be discussed by Douglas R. Olson, pastor of the Trinity Lutheran Church of Fort Worth.

Forum sections are scheduled for 10:45 a.m., followed by a luncheon in the Colonial Ballroom.

At 1:30 p.m. Dr. Clifton will discuss "The Objectives of Alcoholism Education--Prevention and Early Recognition."

The conference will adjourn at 2:30 p.m.

Tickets are \$2 for the Friday session and \$4 for the Saturday session. Prices include both the Friday dinner and Saturday luncheon. Registration arrangements may be made at the Lubbock Council on Alcoholism, 1013 Main St.

Dr. J. William Davis, professor and head of government at Texas Tech, told the Lubbock League of Women Voters, "There are no easy answers to political questions today, and it is dangerous to democratic government to assume that there are," during the League's regular luncheon meeting Thursday (April 2).

Dr. Davis was guest speaker at the local League meeting, and presented a resume of the address he gave recently to the State Convention of the League in Corpus Christi.

Dr. Davis praised the State and local League and Lubbock's delegation to the state convention for demonstrating "that intelligent effort is necessary to produce sound political thinking."

Speaking on "Some Problems of State Government," Dr. Davis said,
"Democracy requires an enlightened electorate, and as the problems of
government and society grow more complex, the job of enlightenment
becomes more difficult."

"I am afraid that too many people approach the solution to problems of state government without adequate factual information about the true conditions. To often we are unaware of the changes that have taken place in recent years—changes which have great significance in the proper analysis of problems.

Citing recent census figures to illustrate current changes in Texas,
Dr. Davis pointed out the shift in economic and political power, the age
distribution in Texas, education gradation of Texans, economic characteristics, and ethnic origin distributions.

He said that 12 percent of Texas' population is Negro, and 15 percent is Latin American; 26 percent of the population is school age and 8 percent is 65 or over.

(more)

Dr. Davis--add 1

Dr. Davis reported that although the median family income is \$4,884 in Texas, 29 percent of the families earned less than \$3,000 a year, and 202 of the 254 countries were below the median.

FOR SUNDAY

LUBBOCK - The "Final Countdown" is underway for the West Texas Museum's special space show, "From Arrowheads to Aerospace," April 12 through May 31 on the Texas Tech campus in Lubbock.

Visitors to the Museum during the two-month period will have the opportunity to "preview the future," as well as the present, with offerings of travel and exhibits of satellites, missiles and communications in space.

A special attraction of the show will be the Space Kitchen, designed and produced by General Electric under direction of food research department of Libby, McNeil and Libby Co.

The kitchen presents problems in space feeding and concepts of zero gravity. In addition, visitors will be able to sample the reconstituted food which is the proposed food of future space travelers.

Litton Industries' display will explain the inertial guidance system equipment to be manufactured in Lubbock, plus electric componentry applicable to space, communication advances, electronic oven devices, moon surface relief models, and a film entitled "Space Scientists."

The National Aeronautics and Space Administration will provide a prototype of the Mercury Capsule, models of satellites and panels depicting NASA's role in national support, career opportunities, international co-opration and the Gemini-Apollo program.

NASA will also show one of the chimpanze couches used in test programs before man was put into orbit. In connection with this, there will be a film on the training of the chimps for these flights.

(more)

Southwestern Bell Telephone Co. will furnish their Scientific and Defense display, which includes missile guidance systems, transistors, Bell solar battery, "White Alice," Project Mercury, Defense Early Warning (DEW) Line, the National Warning System, and satellite communication.

They will also exhibit a model of Telstar, a telephone museum, and a full explanation of how the telephone works.

Other films will enclude "Our Mr. Sun," "The Strange Case of the Cosmic Rays," "About Time," "The Unchained Goddess," "Project Apollo-Man's Flight to the Moon," "Before Saturn," and "John Glenn Speaks to Young Americans," an address made to recent Science Fair winners.

Museum Director William Holden has announced that new features will be added to the show to replace some of those exhibited during the first two weeks. Dr. Holden added that Tech's annual Engineering Show and Science Fair, held April 24 and 25, along with the Museum's special space show will provide a double attraction for area visitors to the campus.

Five members of the Texas Tech mathematics department will present papers during the meeting of the Texas Section of the Math Association, Friday and Saturday (April 10-11) on the Tech campus.

The Tech quintet joins 16 other individual speakers who are scheduled to present papers during the meeting. The sessions will be held in room 215 and 217 in the College Social Science Building.

Between 100 and 200 delegates from Texas colleges and universities will attend the meeting according to E. Richard Heineman, professor of math at Tech and vice chairman of the state Math Association.

Heineman said that Friday afternoon papers will concentrate on research while the teaching phase of mathematics will be taken up on Saturday.

Dr. Charles Magibben will present a paper on subgroups of primary Abelian groups during the Friday afternoon session. Dr. Magibben is an assistant professor of mathematics at Tech.

Dr. M. A. Al-Bassam, a professor of math at Tech, is another Friday afternoon speaker. Dr. Al-Bassam's paper will be on differential equations of generalized order.

Dr. Shelby K. Hildebrand, a Tech assistant professor of math, is a third Friday afternoon speaker. Dr. Hildebrand's paper is on "A Space of Connectivity Functions".

Dr. R. S. Underwood will be the lead-off speaker during the Saturday session. Dr. Underwood, professor emeritus of math at Tech, will talk on a quadratic surface and related indentities.

Dr. R. H. Bing of the University of Wisconsin and president of the Math Association of America, will address a joint session of meeting delegates

Friday afternoon.

Dr. Fred Rigby, Tech graduate school dean, will make a brief talk during a Friday evening banquet for delegates. This banquet is scheduled to begin at 6:45 p.m. in the Tech Union.

10-4-3

"Adventures in Medicine-The Next 25 Years," will be the general theme of Texas Tech's seventh annual Premedical Day Saturday (April 11).

Registration, to begin at 9 a.m. Saturday, and all lectures during the day will be in the Coronado Ballroom in the Tech Union.

The morning program will be planned for both college and high school students according to Tech officials. Two doctors, two medical students and one dentist will outline various phases of medical education.

Dr. F. C. Pannill, from Dallas' Southwestern Medical School, will discuss "Research and Medical Education." Dr. H. A. Goolishian's address will concentrate on the requirements for admission to medical school.

Two medical students, Wayne Colwell and Joe Ellis Wheeler, will present informal discussions of their experiences while attending the University of Texas Medical Branch in Galveston.

Finally, Lubbock dentist, Dr. James H. Granberry, will discuss "The Role of Dentistry in General Health Service."

The afternoon will be given over entirely to special conferences for college and high school students who are interested in studying medicine.

Saturday evening, Tech's Gamma chapter of Alpha Epsilon Delta, honorary premedical society, will be cited by the Tech Pre-Med Society on the 25th anniversary of its installation as a campus organization.

Outstanding pre-medical students from each of the freshman, sophomore, junior and senior classes will be recognized as an additional part of the Saturday evening dinner.

Alpha Epsilon Delta and the Pre-Med Society jointly sponsor the annual Premedical Day.

Adventures in Medicine--add 1

Tech's Pre-Medical Club was founded in the fall of 1925 by the late Dr. R. A. Studhalter, then head of the biology department. Tech president, Dr. R. C. Goodwin, then head of the chemistry department, became club sponsor in 1930 and remained with it until its affiliation with the national Alpha Epsilon Delta organization.

First faculty sponsor of the AED chapter was Dr. D. W. Douglas from the biology department. Other sponsors have been Dr. M. F. Landwer and Dr. Jesse Q. Sealey, both from the Tech biology department.

11-4-3

The Texas Tech choir, forty-eight voices strong, will appear in concert in the Tech Union Ballroom at 8 p.m. Tuesday (April 7).

Admission will be adults, \$1.00 and students, 50 cents to help defray expenses of the trip to the World's Fair.

The choir has been invited to appear at the Fair for two appearances on Sunday, May 31, which has been designated as Texas Day at the Fair.

Appearances in Philadelphia, Washington D. C., and other concerts in the New York area are being negotiated.

The Tech choir annually tours the state of Texas and this year will give eleven concerts in a short three-day tour. The choir has appeared with the major symphony orchestras of the state and annually appears with community orchestras in the West Texas and Eastern New Mexico area.

The choir has appeared on the Ed Sullivan Show in New York and was invited to present a performance of contemporary American music at the annual convention of the Association of Contemporary American Composers at their meeting in New York City.