

Feb. 3-8

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK Feb. --Distinguished Air Force ROTC Cadet badges have been awarded to four Texas Tech AFROTC senior cadet officers, Lt Col. Newton B. Wilkerson, AFROTC commander here, announced.

Receiving the awards were Cadet Col. M.N. Pipkin, mechanical engineering major from Matador; Cadet Lt. Col. W.K. Mathis, animal husbandry major from Lubbock; Cadet Lt. Col. L.R. Raun, agriculture engineering major from El Campo, and Cadet Maj. W.E. Berry, mechanical engineering major from Tulia.

Wilkerson said those earning the Distinguished AFROTC Cadet designation are in the top 10 per cent of their class in military subjects and in the upper 25 per cent of their graduating class.

The cadets must demonstrate outstanding leadership ability and a definite aptitude for military service to win the badge, he said.

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An electronic computer seminar for Texas Tech faculty and graduate students is scheduled in the Tech Union Feb. 21 and 22.

Purpose of the seminar, scheduled to begin at 1 p.m. Feb. 21, is to acquaint faculty members with possible application of computers to their particular fields.

Highlighting the seminar will be talks by authoritative speakers from business, colleges and government. Slides, motion pictures and other illustrative material will be presented.

There will be a display of books and brochures and a model installation of a computer center. Resource folders will be presented to each participant.

The seminar begins with a talk, "Why we Are Here," by Tech president, E.N. Jones. William Pasewark, Tech Business Education professor, will speak on "Automation--Scope, History, and Terminology," and Luta Eaves, assistant professor of Accounting, "Introduction to Electronic Computers" Feb. 21.

"Computers--How They Operate," by Charles B. Hanson, data processing manager of West Texas branch office of IBM; and "Application of Computers in the Laboratory and Office," by Marshall Middleton, district representative of the data processing university program of IBM, will round out the day's activities.

"Computers at Other Universities," by Middleton;

"Computer Application Illustrated in Detail," by Carl V. Siebs, electronic accounting machine division, IBM; and a series of talks on "Computer Application at Texas Tech" will be given the morning of Feb. 22.

(MORE))

2--seminar

Robert Parker, representing arts and sciences; Ray Billingsley, agriculture; Witt, business research bureau; Charles E. Houston, engineering, and Billie Williamson, home economics, will take part in the last talks.

"Computer Installation at SMU" will be the subject of a luncheon talk by Finley Tatum of SMU.

A panel discussion and a talk, "Feasibility Study for Texas Tech," by Fred W. Norwood, accounting professor, will highlight afternoon activities.

###

LUBBOCK, Feb. --Fourteen Army ROTC cadets were awarded Association of the United States Army Ribbons at ceremonies held Thursday at Texas Tech.

Col. James B. Carvey, Army ROTC commander at Tech, said the ribbon is presented to those ROTC cadets who have worked with the AUSA Company on campus to foster understanding of the U.S. Army and have been active in promoting Army traditions and contributing to its Esprit de Corps.

Those receiving Association of the United States Army Ribbons are:

Amarillo--Richard W. Price, senior electrical engineering major (130 Wayside).

Big Spring--Michael Williamson, senior mechanical engineering major.

Dallas--Douglas Klingman, senior marketing major (4553 Rheims Place) and Leslie Wagner, senior animal husbandry major (2049 Buckingham, Rt. 7).

Hale Center--Don H. Bell, senior accounting major and Jerry M. Bell, freshman retailing major.

Hereford--Donald Zimmerman, sophomore industrial engineering major.

Lamesa--Carrol Newbrough, senior civil engineering major.

Lubbock--Gary Mac Smith, senior mechanical engineering major.

Midland--Arthur Montgomery, senior accounting major (1406 West Kentucky).

Odessa--Gerald V. McWilliams, junior electrical engineering major (2303 North Walnut).

Snyder--Neil Mark Wyatt, senior finance major.

Spearmen--Johnny G. Campbell, junior petroleum engineering major.

Van--James L. Mays, junior office management major.

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weeklies

LUBBOCK ---Texas Tech students will observe Religious Emphasis Week March 3-6.

Dr. John P. Newport, professor of religious philosophy at Southwestern Baptist Seminary in Fort Worth, will be keynote speaker.

He will develop the theme of "The Logic of Belief" in his four lectures. Seven other ministers and religious leaders have accepted invitations to speak during the annual observance.

These speakers will meet with individual groups, serve as visiting lecturers in classes and will be available as individual counselors.

###

LUBBOCK ---Twelve South Plains school systems have joined forces in the West Texas School Study Council to determine how they may improve science and math classes and graduation requirements.

The study council, which is headquartered at Texas Tech, is forming research committees to study: (1) standardized testing programs in member-schools; (2) science and math curricular improvements; and (3) high school graduation requirements for the 1958-59 school year.

Dr. Berlie Fallon, Texas Tech associate professor of education and executive secretary of the council, said Tech graduate students in education research have completed literature surveys in approximately 20 different areas of public education for the WTSSC.

###

LUBBOCK ---Two conferences of interest to West Texas farmers and agriculture dealers will be held at Texas Tech in the next two weeks.

Twenty-nine specialists will speak at the fourth annual Grain Drying and Storage Conference slated here Feb. 20-21.

Sponsored by 21 organizations, the Tech conference will cover sanitation, moisture measurements, aeration and effects of storage on nutritional qualities of grain. Also scheduled are talks on causes of grain spoilage and effects of storage methods on grains for feeding.

Authorities on use of chemicals in West Texas farming operations will meet at Texas Tech Feb. 25-27.

Planned primarily for agricultural chemical dealers, distributors, processors and manufacturers, the meetings are open to anyone interested in these chemicals, their distribution and use.

Sponsoring the fifth annual ag chemicals conference are Texas Tech, the West Texas Chamber of Commerce, the Lubbock Chamber of Commerce and the A. & M. College System of Texas. The fee is \$2.

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LUBBOCK --- How electronic computers can be used in the arts, business and sciences will be demonstrated for Texas Tech faculty and graduate students in a special seminar Feb. 21-22.

Authoritative speakers from the fields of business, higher education and government will tell the growing potentialities of computers in education and research at the seminar.

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LUBBOCK, Feb. --Ten Texas Tech coeds have been named beauties for the 1958 LaVentana yearbook.

LaVentana editor Pat Cullum announced the names of the ten beauties selected from a field of 20 finalists by screen star Jeff Chandler.

In a letter to Miss Cullum, Chandler remarked on difficulty of making selections saying "mine was a valorous task, fortified not at all with any room for discretion. I wish I could have pronounced all the young ladies winners."

The 25 finalists were the result of screening of more than 100 coeds last December. A panel of five judges from the Lubbock area selected the finalists.

LaVentana beauties for 1958 are:

Carolyn Ann Baggett, sophomore advertising art major from Sweetwater. She is an Air Force ROTC Sweetheart and is the daughter of Mr. and Mrs. J.P. Baggett.

Barbara Jo Carroll, junior business education major from Tahoka. She is a member of Pi Beta Phi social sorority and a legislator in Horn Hall dormitory. Barbara is the daughter of Mr. and Mrs. D.C. Carroll.

Jean Gililland, sophomore Home Economics major from (6019 Prestonshire) Dallas. She is a member of Kappa Kappa Gamma social sorority and is the daughter of Mr. and Mrs. N.B. Gililland.

Karen Key, sophomore secondary education major from Lubbock. She is an Army ROTC Sweetheart and a member of Kappa Alpha Theta social sorority. Dr. and Mrs. Olan Key are her parents.

(MORE)

2--Tech beauties

Enna McDaniel, sophomore in Arts and Sciences from (1920 Polk) Amarillo. She is the daughter of Mr. and Mrs. J.R. McDaniel

Janie Sue Norris, freshman marketing major from (3100 Roger Dr.) Odessa. She is a member of Zeta Tau Alpha social sorority and is the daughter of Mr. and Mrs. M.W. Norris.

Sharla Pepper, junior elementary education major from Lubbock. Miss Pepper is a Texas Tech cheerleader, a member of Delta Delta Delta social sorority, Board of Student Organizations and Rodeo Assn. Her parents are Mr. and Mrs. Dale K. Pepper.

Frances Anease Pritchett, junior elementary education major from Lamesa. She is a member of Sigma Kappa social sorority and is the daughter of Mr. and Mrs. Frank Pritchett.

Sandra Shields, junior government major from (3224 Maple) Waco. She is a member of Kappa Alpha Theta social sorority, the Tech Student Council and is the daughter of Mr. and Mrs. J.D. Shields.

Shirley Yvonne Skinner, junior music education major from Lubbock. She is the daughter of Mr. and Mrs. L.B. Skinner and is a member of the Tech Choir, Mu Phi Epsilon music honorary and Alpha Chi Omega social sorority.

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Bailes & Wines

LUBBOCK, Feb. --Texas Tech will observe Religious Emphasis Week March 3-6, with Dr. John P. Newport, professor of religious philosophy at Southwestern Baptist Seminary, Fort Worth, as keynote speaker.

In his four lectures, Dr. Newport will develop the theme "The Logic of Belief."

Don W. Smith of Weinert, president of the Tech Student Religious Council, announced the names of five other speakers who will be heard during Religious Emphasis Week.

They are: Dr. Jack W. Bates, Dean of Lubbock Christian College; Dr. W.F. Howard of Dallas, director of student work, Baptist General Convention of Texas, and the Rev. Morris Bratton of Austin, assistant director of the Wesley Foundation of the Methodist Church.

Also the Rev. Thomas R. Miller, rector of St. Christopher's Episcopal Church in Lubbock, and Chaplin (1st Lt.) Sheldon E. Hermanson of Craig AFB, Selma, Ala.

These speakers will meet with individual groups, serve as visiting lecturers in classes and will be available as individual counselors. Two other speakers will be named later.

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Tech students in charge of Religious Emphasis Week activities are:

Arrangements--Ernestine Wood, senior elementary education major from Lamesa and Derry Don Harding, senior government major from Levelland; Hospitality--Julia Fifer, junior math major from Lubbock; Jerrell Snodgrass, junior education major from Lubbock and Bill Meadors, senior secondary education major from Lubbock.

(more)

2--Texas Tech Religious Emphasis Week

Book Display--Phil Nettleton, junior engineering major from Lubbock; Donnie Johnson, senior architecture design major from Lubbock, and James Iinsmore, junior industrial engineering major from (6551 Greenway Rd.) Fort Worth.

Classroom lectures--Carol Cummins, junior math major from (2416 Inglewood) Wichita Falls; Dorrance Ganter, freshman mechanical engineering major from (1211 Ave. G) Galveston, and Douglas Pummill, sophomore pre-med major from (4916 Clear Creek Rd.) Dallas.

Program--Sandra Standefer, sophomore clothing and textile major from (1830 So. 9th) Abilene; Hugh Smith, sophomore philosophy major from Weinert, and George Dawson, junior mechanical engineering major from Lubbock.

Seminar--Temple Elliot, senior sociology major from Tulia and Joseph Black, sophomore chemical engineering major from Lordsburg, N.M.

Worship committee members are Gaylor Pool, junior history major from Plainview; Barbara Barkley, sophomore clothing and textile major from Lubbock, and James Brewer, sophomore agriculture major from Lubbock.

Members of the Student Religious Council executive committee are Smith, Eugene Hill, vice-president, junior office management major from Littlefield; Mickey Patterson, secretary, senior speech major from Lamesa, and Dan Howard, business manager, junior accounting major from Littlefield.

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Robert N. McGee of Pittsburgh, a representative of Jones and Laughlin Steel Corp., will be a visiting lecturer in Texas Tech classes Tuesday through Friday (Feb. 11-14).

McGee's talks will include information on the steel industry, management and human relations. He will address a meeting of Sigma Iota Epsilon, honorary management fraternity, Thursday evening (Feb. 13) at the Chicken Shack.

McGee travels more than 30,000 miles annually, giving talks at colleges and universities, technical meetings and civic and industrial clubs.

Recent appearances have included speeches at the University of Texas and Southern Methodist University.

A native of Irontown, Ohio, McGee attended Ohio Wesleyan University and completed extension courses in ferrous metallurgy at Pennsylvania State University and the University of Pittsburgh.

In 1914, he was employed by Westinghouse Electric and Manufacturing Corp. as a claim correspondent. He came to Jones and Laughlin in 1937 as a millwright helper. By 1942, he had advanced to his present position of special sales representative.

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Differences between marketing Pacific Northwest and Southern pine, as analyzed by Dr. Roy J. Sampson of Texas Tech, appears in a new economics book just received by the Tech library.

Author Edward L. Ullman uses Sampson's analysis in his book "American Commodity Flow," which gives a geographical interpretation of rail and water traffic.

Sampson shows how Washington and Douglas fir region lumber is able to compete with Southern pine in spite of being almost three times as far from the market.

The Tech economist's analysis shows that Douglas fir from Washington benefits because rates per ton are less for the long haul. In addition, Southern pine weighs up to 15 per cent more per board foot than Douglas fir and transportation rates are quoted on a weight basis. Lumber is sold on a board-foot basis.

The result of these differences, writes Ullman, is that the Pacific Northwest is competing on equal or superior terms in the industrial belt, the great market of the country.

Ullman's book includes a map by Sampson showing how the economic isolines of equal delivered costs per 1,000 board feet of lumber have steadily moved eastward to the advantage of Douglas fir producers.

The book was published by the University of Washington Press in Seattle.

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ATTENTION BOOK PAGE EDITORS

LUBBOCK, Feb. --Latest uses of recordings, films and other projection methods have been incorporated in a revised edition of "Audio-Visual Materials and Devices," co-written by Dr. Ray Davidson of Texas Tech.

Other authors are Drs. Ben F. Holland of the University of Texas and Horace Hartsell of Michigan State University.

The 150 page book, published by Rogers Litho Printers of Lubbock, includes the basic principles behind sound recording, sound reproduction, and mechanics and operation of projectors.

Also discussed are the care and handling to films, production of visual aids by teachers and pupils and arranging and equipping rooms for projections.

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ATTENTION BUSINESS & OIL EDITORS

LUBBOCK, Feb. --How the magic of electronic impulses can be used in the arts, business and sciences will be demonstrated in a special seminar at Texas Tech Feb. 21-22.

"An electronic computer seminar will be held for Tech faculty and graduate students who will study the growing potentialities of computers in education and research," said Mrs. Luta Eaves, assistant professor of accounting who is in charge of the Tech computer courses.

The purpose of the seminar is three-fold, she said.

"We want to acquaint Tech faculty with the possible applications of computers to their particular fields of learning and help determine a computer policy for Tech.

"We also wish to prepare student and faculty members for possible research grants and business opportunities available in industry and government," she added.

Authoritative speakers from the fields of business, higher education and government will be heard at the seminar. Motion pictures and slides will illustrate the various uses of computers. A model of a computer center will be on display.

"A computer can process all data that man is smart enough to write in mathematical form," Mrs. Eaves declared.

Mrs. Eaves attended a computer seminar for top management officials in the petroleum and natural gas industry held in Dallas last week. Sponsoring the study was Peat, Marwick, Mitchell & Co., accounting and systems consultants.

(MORE)

2--electronic computers

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"Their study showed that once all corporation records had been transferred from previous methods to computers, the savings amounted to two-cents a barrel," Mrs. Eaves said.

She noted that the company under study processed 300,000 barrels of petroleum daily, thus it saved \$6,000 a day by the computer method.

The Tech accounting teacher points out that the computer method was developed in the 1880's but was never understood until recently. The first computers were delivered for industrial use only two years ago.

The computer system got its biggest boost in 1952, she said, when a test computer predicted a landslide victory for President Eisenhower using early election returns data. At first computer was not believed, but its accurate prediction is now history.

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LURBOCK, Feb. --Ways to discover new ideas for business will be demonstrated Monday and Tuesday at Odessa College auditorium by C. Burl Hubbard of Texas Tech and Ted Goldsby of Lubbock.

Hubbard is an assistant professor of management at Tech and Goldsby is an attorney with the Veterans Administration.

Both Hubbard and Goldsby have conducted a number of creative thinking institutes throughout Texas. Last December Goldsby held a brain storming session for the Odessa College faculty.

After explaining principles of creative thinking, the two specialists will conduct demonstrations of forum-style and round table-style brain storming.

Included will be discussions of ways to create a proper atmosphere for creative thinking, shortcomings and pitfalls to be overcome and methods of evaluating techniques.

The coming institute will be conducted for Permian Basin business executives, company presidents, business owners and managers, and department managers and supervisors.

Jack Tyer, distributive education coordinator at Odessa College, is in charge of arrangements for the two-day conference.

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ATTENTION AG EDITORS

SUITABLE FOR TIME COPY

LUBBOCK, --Experiments aimed at turning the Southwest into a "sea of grass" again are under way at Texas Tech.

That "sea" existed when settlers first came to the area, but overgrazing soon made the pastures barren and the blight of mesquite brush choked prosperity from the soil.

Several groups have a plan which slice many years from the time needed to restore thousands of brushland acres to grass-covered prairie.

They are the Tech School of Agriculture, Texas Extension Service and the Soil Conservation Service. Cooperating are agricultural equipment manufacturers.

Hopes of the groups lie in a huge bulldozer, according to Chester Jaynes, Tech agronomist supervising the project. Attached to the rear of the machine is a root plow and blowers for spreading grass seed, he said.

As the huge dozer grinds through brushland, pushing over trees with its front blade, its plow tears underneath the ground cutting mesquite and other brush roots as the blowers spray grass seed into the newly turned earth, Jaynes added.

The machine already has been used to restore 60,000 acres of grassland on one Texas ranch.

Purpose of the experiments at Tech are to determine which grass seeds are most effective and how the grasses should be grazed after the removal of brush and the initial planting.

(MORE)

2--grassland restoration

Forty-five acres of the Tech Farms have been set aside for the three-year experiment. Fourteen selections of grass seeds will be planted in restored brushland plots of 15 acres each. The three plots will be given different rest periods from grazing to find just which grasses are best and how they should be cared for to bring about most effective restoration of the land.

###

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SPOT ANNOUNCEMENT

20 SECONDS

ANNOUNCER:

MUSIC AND DANCE--LIKE YOU LIKE IT--
IS COMING YOUR WAY FEBRUARY 16-17 IN
LUBBOCK MUNICIPAL AUDITORIUM WHEN
TEXAS TECH'S CHOIR, ORCHESTRA AND
MODERN DANCE CLUB BLEND TALENTS.
TICKETS ARE \$1. GET YOURS TODAY AT
THE BOX OFFICE OR TECH MUSIC
DEPARTMENT.

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SPOT ANNOUNCEMENT

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ANNOUNCER:

FROM CLASSICS TO ROCK-N-ROLL, IT'LL
BE "THE MOST" FEBRUARY 16 AND 17
WHEN TEXAS TECH'S FAMOUS CHOIR
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Tryouts for Texas Tech's Angel Flight drill team will be held
from 4 to 5 p.m. Monday through Thursday on the South Drill field.
from 4 to 5 p.m.

The Angel Flight is an honorary Air Force ROTC auxiliary for
coeds, marching with the cadets at parades and similar occasions.

Qualifications for the team are a 1-point (C) grade average,
good posture and drilling ability.

--30--

Dr. Robert P. Anderson, assistant professor of psychology at Texas
Tech, will be a visiting professor of psychology at the University of
Vermont summer session at Burlington, Vt.

He will teach "Guidance for Public School Teachers" and
"Personality and Mental Hygiene" in the summer session that begins
July 10.

Anderson is director of the Rehabilitation Counseling Program at
Texas Tech.

--30--

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BIOGRAPHY-STANLEY E. ANDERSON

Stanley E. Anderson, associate professor of animal husbandry at Texas Tech, spent his early life on an Iowa stock farm. After he graduated from Villisca, Iowa, High School, he went to Iowa State College at Ames, Iowa, where he was on the 1947 first place team of the American Royal at Kansas City and the International Intercollegiate Livestock judging champion at Chicago, Ill.

Prof. Anderson was born July 8, 1922, at Villisca. He received his B.S. in Agriculture from Iowa State and the master's degree from Texas Tech in 1951. After graduation from Iowa in 1948 he worked for a time with the Iowa State Extension Service and the Bureau of Agricultural Economics of the United States Department of Agriculture.

Like most other men his age, he took time out from 1942 to 1946 to serve in the Army. He saw action in the European Theatre, and was discharged in November, 1946, as a captain.

Besides agriculture--which is about all he has time for--he does some golfing, fishing, and photography. He is married and has four children, Jimmy, Joyce, Jerry and Julie.

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MAILING SCHEDULE FOR Feb. 10-15[illegible]

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LUBROCK, --Seven Texas newspapers are owned or co-owned and published by graduates of Texas Tech's journalism department, according to a survey made to commemorate this year as the department's 25th anniversary.

The survey was conducted in compiling a record of the department's 365 graduates since 1933. The facts are being used by the newly formed Journalism Ex-students Assn.

Newspaper owners or publishers include: Loyd Glover, Pharr; Robert L. Read, Silsbee; Forrest Weimhold, Levelland; Wayne Kittley, Kerens; Bob Weddle, Menard; Gene Alford, Dumas; and Bill Latson, Commerce.

A total of 43 per cent of the 305 graduates whose records have been completed are in some related field of journalism. Of the 56 in actual newspaper work, 29 held an editor's title. Five are managing editors, three news editors, six city editors.

Others have duties in telegraph editing, makeup, copy editing, amusements, sports, oil, farm, and society. The other 27 are reporters, columnists, newspaper ad salesmen, photographers, mechanical department employees and a business manager.

Graduates in related fields now include 22 in public relations; 24 working with high school publications and three college journalism teachers; nine engaged in magazine work; two working for major wire services, four in other advertising fields; six in radio-television four in commercial photography; one print shop owner. Five are engaged in graduate study.

Of the 161 women, 123 are at present homemakers, seven of them wives of newspaper men. Forty-eight of the homemakers, had journalistic experience after graduation.

(MORE)

2--journalism exes

Those presently employed include a lawyer; a story analyst for a motion picture company; two free lancers; a Girl Scout executive; associate editor of a trade magazine; air base historian; two office managers; four in business for themselves; and six in secretarial or stenographic work.

Most unusual occupations for college training in journalism are as weather bureau manager, librarian, coach, school principal, oil lessor. Three graduates are attorneys, one a cotton buyer and one the operator of an employment service.

Those who are self-employed cover such widely diversified fields as a minute car wash, plumbing and heating, contracting, tire and auto sales, groceries, farming, statistical service, service station and insurance agency.

Twenty Tech graduates chose journalism as a minor while in college. Twelve of these have gone into some related field of journalism, seven are homemakers, one a Boy Scout executive, and one a professor of philosophy.

Other prominent exes of the journalism department and the Texas Tech publications include these Texas newspaper men: James L. Lindsey, managing editor of the Midland Reporter-Telegram and a member of Tech's board of directors; Ben Oglesby, co-owner of the Bronte Enterprise; Curtis Sterling, publisher of the Brownfield News; Carl Hyatt, co-owner of the Commerce Journal; C.W. Ratliff, associate editor of the Avalanche-Journal publications; and Nolan Porterfield, general manager of the Lamesa Daily Reporter.

Two Texas radio station managers are exes: Clint and Marshall Formby, manager and owner, respectively, of KPAN in Hereford and KVOP in Plainview. The latter is also chairman of the State Highway Commission.

(more)

3--journalism exes

A.J. Bishop Jr. of Winters, representative for the 77th district in Austin, and Gordon Hanna, managing editor of the Memphis (Tenn.) Commercial Appeal, are in the list.

Harry Montgomery, first editor of the campus newspaper, The Toreador, is assistant to the publisher of the Phoenix (Ariz.) Republic-Gazette. Bob Rooker is an assistant in the Associated Press office at Santa Fe; and Burgess Dixon is editor of the Mississippi Farm Bureau cooperative news.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

Registration is going more smoothly for Texas Tech students and officials since the instituting of a \$3 fee for the adding, dropping or changing of courses, according to the registrar's office.

There were 34 percent fewer class changes in registration last fall than there were in the fall of 1956, the office reports.

A further analysis shows there were 68 per cent fewer courses added, 35 per cent fewer dropped and 21 per cent fewer class changes.

When a student signs up with a course and sticks with it, that saves both the student and the institution considerable time and effort, Dr. G.E. Giesecke, academic vice-president pointed out.

By stabilizing enrollment in each course as early as possible each semester means fewer unused spaces in class rooms caused by class drops. Thus it reduces class room inefficiency and insures maximum use of space, he added.

###

Adrian Vaughan
Department of Public Information
Texas Technolggical College

LUBBOCK, Feb. -- Wall Street mogul J. Pierpont Morgan and the American Indians had little in common, but his philanthropy made possible a study recorded in 20 historical volumes just added to the Texas Tech library.

James E. Platz, associate librarian at Tech, announced that 20 volumes of "The North American Indian," by Edward S. Curtis, and 20 sets of large folios have been added to the Tech library's rare books collection.

A result of research financed by J.P. Morgan in the early 1900's, only 500 sets were printed. The first volume was completed in 1907 and the final volumes came off the press in 1930.

"These works were completed just in time -- before many American tribes died out," Platz said. "From an anthropological and ethnological standpoint, the photos and the research by Curtis are of excellent value."

Curtis was a famous photographer in the early part of the century. The volumes were edited by Frederick Webb Hodge, authority on American Indians.

In his introduction to the volumes, Curtis said "The object of the work is to record by word and pictures what the Indian is, not whence he came."

All of the volumes and folios contain excellent sepia photographs of Indians in various costumes, dwellings, and activities.

(MORE)

2--rare books

Former President Theodore Roosevelt describes the value of the works in his foreword of the first volume: "In Mr. Curtis we have both an artist and a trained observer, whose pictures are pictures, not merely photography; whose work has far more than mere accuracy, because it is truthful. All serious students are to be congratulated because he is putting his work in permanent form; for only our generation offers the chance for doing what Mr. Curtis has done."

More than 70 tribes of the American Indians surviving in the early 1900's in their native habitat were studied and photographed by Curtis.

Because the books and folios were printed on highest quality rag bond paper as a limited edition, they are of great value to Western historians and students, Platz said.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

NOTE TIME CHANGE

Dr. H.C. Thomas, Bradley University physicist, will be a visiting lecturer Thursday at Texas Tech.

An authority on radioactivity decay in tagged atoms, Thomas will speak on nuclear physics at 7 p.m. (not 8 p.m. as previously announced) in Chemistry building 101 at a meeting of Sigma Pi Sigma, honorary physics fraternity.

Adrian Vaughan
Department of Public Information
Texas Technological College

Dr. H.C. Thomas, Bradley University physicist, will be a visiting lecturer Thursday at Texas Tech.

An authority on radioactivity decay in tagged atoms, Thomas will speak on nuclear physics at 8 p.m. in Chemistry building 101 at a meeting of Sigma Pi Sigma, honorary physics fraternity.

Scientists must be able to estimate the decay of radioactivity in a tagged atom to use the isotope as a tracer through intricate chemical processes in medicine, industry and other fields.

Too rapid a drop-off in the tell-tale radiation can cause the tracer to be lost or misinterpreted before the process under study is completed.

Thomas, who has worked at Oak Ridge National Laboratories, is chairman of Bradley's physics department. He has a bachelor's degree from Western Kentucky State College and a doctorate from Vanderbilt University.

Before joining the Bradley faculty, he taught six years at Mississippi State College.

All interested persons are invited to attend the meeting, Sigma Pi Sigma officials emphasized.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Phi Gamma Nu, honorary business women's sorority, at Texas Tech, has initiated 13 new members.

Initiates included:

Amarillo--Carol Jo Meyers, senior secretarial administration major (2212 Hayden); and Judy Speer, junior personnel management major (302 Prospect).

Dumas--Mary Katherine McDaniel, sophomore accounting major.

El Paso--Mary Catherine Birkelbach, junior foreign language major (2526 Louisville).

Fort Worth--Annyce Gibbs, sophomore secretarial administration major (1817 Tremont); and Gretchen Chappell, junior accounting major (3813 Crestwood Terrace).

La Marque--Jeanne Howell, senior foreign language major.

Lubbock--Charlene Begey, sophomore business education major; Rita Seay, sophomore secretarial administration major, and Anna Jo Veazey, sophomore business education major.

San Angelo--Martha Kenley, sophomore Spanish major (1307 South Madison).

Sweetwater--Theora Hollingsworth, sophomore secretarial administration major.

Vernon--Ann Adams, junior secretarial administration major.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --A cast of 23 Texas Tech students that will participate in the 1958 Varsity Show "Guys and Dolls" has been announced by Johnny Gilbert, student director from Amarillo.

Rehearsals will begin soon for the popular Broadway show that will be produced April 17-18.

Portraying the main characters are Don Armstrong, senior music major from (2004 Monroe) Amarillo, as Sky Masterson; Elizabeth Wilson, senior secretarial administration major from (4013 Piping Rock Lane) Houston, as Adeliade; and Rex Poe, junior music education major from (4207 Clifton Ave.) Amarillo, as Nathan Detroit.

Others in the cast and on the production staff are:

Amarillo--John Gilbert, junior music education major (1906 Crockett), director.

Ballinger--Jerry W. Bell, junior marketing major, assistant stage manager.

Big Spring--Marilyn Morris, sophomore in arts and sciences, as both Agatha and Mimi and understudy for Adeliade.

Dallas--Bill E. Leonard, freshman chemical engineering major from (3420 Knox), as Hakky the Gar and understudy for Nathan Detroit.

El Paso--Kay Adkins, junior music education major (2719 Federal St.), as Sarah, and Jean Groesbeck, freshman in home economics (1013 West Yandell), choreographer.

Fort Worth--Marsha Reilly, sophomore speech major (4312 Arden Place), understudy for General Cartwright.

Lubbock--E. Glen Burns, freshman architecture major, as Nicely Nicely; Richard Scales, senior physical education major, as Benny and

(more)

2--Tech Varsity Show Cast

and understudy for Sky Masterson; Beverly Austin, freshman in arts and sciences, as General Cartwright; Rodney Hill, freshman architecture design major, as Arvide; Art Dodds, sophomore in arts and sciences, as both a Corporal in Mission Band and "Agie the Ox" and understudy for Benny; Mary Pfingsten, freshman music education major, understudy for Sarah; Patrick Withers, freshman recreation major, understudy for Nicely Nicely.

Mineola--Claude Rogers, senior electrical engineering major, stage manager.

Odessa--Mary L. Herrington, sophomore in arts and sciences (202 Casa Grande), associate choreographer.

Plainview--Roger Loter, senior secondary education major, producer.

San Antonio--Robert W. Huff, senior English major (318 Arden Grove), house manager.

Seagraves--Don Grimes, junior pre-law major, understudy for Arvide.

Southland--Gerald Dabbs, junior pre-med major, understudy for Hakky the Gar.

Adrian Vaughan
Department of Public Information
Texas Technological College

Turkey's role in international affairs will be told by Semih Akbil, first secretary of the Turkish embassy in Washington, D.C., at a meeting of the Texas Tech International Relations Club Feb. 17.

Joe Hudgens, club president, said the public is invited to attend the meeting that begins at 7:30 p.m. in the Tech Union Anniversary Room.

The Turkish diplomatic officer will visit Tech as part of a tour of the southern states, Hudgens said.

--30--

A Texas Tech professor's impressions of Tucson are featured in the current issue of "Arizona Highways" magazine.

In the issue, devoted to Tucson, Dr. Doyle D. Jackson, professor of history and philosophy of education, describes Tucson sunsets and other scenes which he recalls from his five years of residency there.

--30--

Adrian Vaughan
Department of Public Information
Texas Technological College

America's growing population causes problems for park managers, too, according to Charles E. Doell, superintendent of parks at Minneapolis, Minn., who completed a series of lectures at Texas Tech Wednesday.

Doell, who in March will receive the Pugsley Medal from the American Scenic and Historical Society in New York for preservation of native scenery, says the "green thumb" men find their biggest problem is keeping pace with the growth in population and the needs of the public.

Increased urbanization has changed how parks are used, Doell said. The old idea of large parks connected by boulevards has given way to establishment of numerous neighborhood parks to supplement open spaces originally found in suburban areas.

Doell, a civil engineer by training, has spent 47 years with the Minneapolis Park Department. A past president of the American Institute of Park Executives, he is the fourth superintendent of parks that Minnesota city has had in 100 years.

Elo J. Urbanovsky, professor and head of horticulture and park management at Tech, said Doell lectured on park administration in Tech classes.

LUBBOCK, Feb. --Officers and executive council members of the Baptist Student Union for 1958 at Texas Tech have been announced.

Tom Jenkins, sophomore pre-dental major from Temple, is president.

Other officers are:

Borger--Bob Beilue, junior accounting major, devotional chairman, and Gerald Myers, junior secondary education major, athletic chairman.

Fort Worth--Dana Griffin, sophomore secondary education major (1924 Bluebird), mission chairman.

Friona--Deann Buske, junior home economics education major, promotion vice-president, and Deniese Magness, junior music education major, music chairman.

Idalou--Mary Ann Girod, junior Spanish major, vespers chairman.

Iowa Park--Jim Booher, junior architecture engineering major, married students representative.

Lubbock--Gordon Deering, sophomore petroleum engineering major, stewardship chairman; Steve Noble, junior agronomy major, morning watch chairman; Patricia Rainer, junior math major, secretary; Beverly Shoemaker, sophomore clothing and textile major, enlistment chairman; and Anna Jo Veazey, sophomore business education major, sunday school chairman.

Midland--Brownell Queen, junior physical education major (2213 Princeton), publicity chairman.

Sundown--Patty Burke, junior elementary education major, social chairman.

Tyler--Kenneth Talkington, sophomore electrical engineering major, training union chairman.

LURBOCK. --Approximately 60 per cent of Texas Tech's chemical engineering graduates go into refining, petro-chemical or allied industries, Dr. A.G. Oberg reports.

Oberg is director of Tech's chemical engineering section, which has 250 students in its program.

Oberg said about 25 chemical engineering majors will be graduated this year. Next year's senior class is expected to number about 40.

Tech's chemical engineering section is known for its ability to combine academic and laboratory training with field trips and other cooperative work arrangements with industry.

Each fall the students are taken on industrial field trips and each spring they spend several days at Phillips Petroleum Corp. facilities in the Borger area.

"At least half of our students work during summers in chemical industry installations," Oberg said. "We could place many more in such jobs were it not for ROTC summer camp commitments and the year-round job requirements of some students."

Tech offers a four-year program leading to a bachelor of science degree in chemical engineering and a five year program that provides a bachelor of arts degree as well.

Work also is offered for a master of science degree in chemical engineering.

Sixteen courses are being given in the chemical engineering section, eight at the undergraduate level and eight in graduate work.

Although chemical engineering is now combined with chemistry in one department at Tech, the Board of Directors has authorized the separation of the two sections into full departments as soon as the academic arrangements can be completed.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. ---Talent-wheels of Texas Tech's giant benefit show "Like You Like It" are spinning in high gear as curtain time nears Sunday and Monday at Lubbock Municipal Auditorium.

Produced by the Tech Choir, orchestra and modern dance club, proceeds from the show will finance the Tech Choir's trip to New York where it will appear on the Ed Sullivan television show April 13. Tickets are \$1 a person. Curtain times are 3:15 p.m. Sunday and 8 p.m. Monday.

Ranging from Brahms to rock 'n roll the program by talented Techsians includes a variety of music and dance numbers "Like You Like It" with polite "apologies to Shakespeare, Winston, and English professors everywhere."

The show will sparkle with some of the newest choral and combo arrangements by Gail Kubik and Roger Wagner, outstanding arrangers in the field of music.

Arranger Johnny Richards, whose group is currently appearing at New York's Birdland, has given permission to use his progressive jazz arrangements of "Nippigon," "Walkin'," and "So Beats My Heart For You."

Also in the spot-light will be numerous arrangements by John V. Gilbert, junior music major from Amarillo. In addition to his work with the Tech Choir production, Gilbert is also putting his talent to work as director of the forthcoming Varsity Show "Guys and Dolls."

Starring in modern dance and waltz numbers will be Robert Wall, Tech graduate and Lubbock elementary teacher, and Wynette Johnson, Monterey High School sophomore.

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Adrian Vaughan
Department of Public Information
Texas Technological College

STATEMENT BY DR. E.N. JONES, THURSDAY, FEB. 13, 1958

In the minds of responsible, thinking people, anonymous
signs, circulars and letters hurt the causes they represent.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. ---Theta Sigma Phi, national honorary women's Journalism fraternity at Texas Tech, has initiated five new members.

Initiated were Carol Stone, junior Journalism major from Lubbock; Carol Thompson, junior Journalism major from Georgetown; Joan Abel, junior Journalism major from Lubbock, and Nita Hedleston, junior Journalism major from Big Spring.

Also initiated was Kathy Short, Tech Journalism graduate.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. ---Texas Tech's Accounting Society has elected officers for the Spring semester.

Melvin E. Andres, senior accounting major from Albany, was chosen president.

Other officers named were vice-president, Bob Ratliff, junior accounting major from Hico; secretary-treasurer, Myra Sue Horton, senior accounting major from Crane; and reporter, Norman L. Dreyer, junior accounting major from Bellaire. Representing the Society on the Board of Student Organizations will be Glenn Reynolds, junior accounting major from Pecos.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTN: OIL EDITORS

Applications are now being accepted for 18 scholarships available to Texas Tech engineering students who will be juniors or seniors next Fall, Dr. John R. Bradford, Engineering School dean, has^s announced.

Ranging from \$250 to \$1,000 in value, the scholarships are awarded on the basis of outstanding scholastic achievement, high moral character and financial need. Deadline for applying is March 8.

Scholarships available to students majoring in any branch of engineering are from the South Plains Chapter of American Petroleum Institute, \$500; Western Electric Co., \$400, and Cities Service Oil Co., \$600.

Two scholarships available to students majoring in electrical mechanical or petroleum engineering are the Schlumberger Collegiate Award of \$500 for junior and seniors and a \$250 Rowan Drilling Co. scholarship for sophomores, juniors or seniors.

Junior students majoring in civil, mechanical or chemical engineering may apply for the Cabot Co. award of \$400 plus tuition.

Junior and senior electrical engineering students may apply for a \$750 Southwestern Public Service Co. scholarship or a \$750 award from the Texas Electric Service Co. Junior and senior mechanical engineers may qualify for a \$750 Southwestern Public Service Co. scholarship. Hughes Tool Co. has available a \$500 award for senior mechanical engineering students.

(MORE)

2--engineering scholarships

Junior petroleum engineering students may apply for a \$1,000 Gardner-Denver Co. scholarship. Senior petroleum majors have available to them a \$500 Standard Oil Co. award and a \$400 plus tuition scholarship from Socony-Mobil Oil Co.

Junior and senior petroleum majors may also apply for the Olson Drilling Co.-A.I.M.E. award of \$250 a semester.

Frontier Chemical Co. has a \$300 scholarship for junior and senior chemical engineering students. For Eastern States Petroleum Co., Dow Chemical Co. and Monsanto Chemical Co. scholarships, chemical engineering students may apply at the Tech department of chemistry and chemical engineering.

Details on all scholarships are available at the Tech Dean of Engineering office.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

A limited number of high school juniors who show exceptional promise in science will again have an opportunity to take a special course in physics this summer at Texas Tech.

The group will be part of more than 100 Texas high school students who will participate in institutes to be held on the campuses of Tech, Southern Methodist, Rice Institute, University of Texas and Texas A.&M.

Students must apply through the office of their high school principal or superintendent before March 30. Final selection of students will be made by the Institutes Directors April 14, according to J.W. Day, Tech associate professor of physics and a director.

No tuition is charged for the special institutes that are sponsored by the Texas Education Agency and Texas high schools under a grant made by the Fund for the Advancement of Education.

Each participating institution provides outstanding faculty members and laboratory facilities to give an intensive five-week enrichment course in mathematics or science. Each institute will teach approximately 25 students.

Selection of applicants is based on aptitude, academic records and enthusiasm for science or mathematics. They must be high school juniors who will be classified as seniors during 1958-59 school year.

The institute directors who will head the special classes on the various campuses are J.W. Day, Tech associate professor of physics; P.D. Gardner, associate professor of chemistry, University of Texas; C.C. Doak, biology department head, Texas A.&M.; D.E. Edmondson, associate professor of math, Southern Methodist, and L.K. Durst, assistant professor of math at Rice.

(MORE)

2--special summer course

Day said that each participant will receive opportunities for creative work using the most modern laboratory equipment. The topics to be covered during the institute are those not usually included in the high school curriculum.

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Adrian Vaughan
Department of Public Information
Texas Technological College

Archie & Wris

LUBBOCK, Feb. --A limited number of high school juniors who show exceptional promise in science will have an opportunity to study special science institutes to be held at five Texas institutions this summer.

More than 100 Texas high school students will be named to participate in institutes to be held on the campuses of Texas Tech, Southern Methodist, Rice Institute, University of Texas and Texas A.&M.

Students must apply through the office of their high school principal or superintendent before March 30. Final selection of students will be made by the Institutes Directors April 14, according to J.W. Day, Tech associate professor of physics and a director.

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###

Adrian Vaughan
Department of Public Information
Texas Technological College

Syncopated rhythms of Caribbean song and dance will be featured by Calypso dancers and singers that will appear in a free show sponsored by the Texas Tech Student Union in Lubbock Municipal Auditorium at 7:30 p.m. Thursday.

The Massie Patterson Carib Singers are appearing in Lubbock under the sponsorship of the Tech Union special events committee for the entertainment of Tech students and the general public.

In presenting an authentic program of Caribbean folk music, the Carib Singers will show the costumes worn by the natives of Martinique, Trinidad, Barbados, Haiti and Jamaica, and dance to the music of primitive musical instruments.

Dances to be presented come from African, Spanish and French sources. From Haiti comes the voodoo "Nago" and "Yanvalou" dances; from the Virgin Islands "The Bamboola," and from Trinidad, the "Shango."

All of the costumes to be seen in the free show were designed by Massie Patterson, who was born and reared in the West Indies.

The troupe has received outstanding press notices in New York, Washington, D.C., and other eastern and southern cities where it has performed.

This is the second free fine arts show the Tech Union has brought to Lubbock this season. On Nov. 15 the famed Don Cossack Chorus was presented in the Municipal Auditorium, courtesy of the Tech Union special events committee.

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Adrian Vaughan
Department of Public Information
Texas Technological College

EDITORS:

ENCLOSED IS AN ARTICLE BY CHARLES F. LIBBY, SUPERVISING
CUSTODIAN AT TEXAS TECHNOLOGICAL COLLEGE. WE ARE SUBMITTING IT
FOR YOUR CONSIDERATION AND FOR ANY POSSIBLE COMMENT YOU MAY HAVE
ON IT.

CORDIALLY,


ADRIAN VAUGHAN

AV/vk

Texas Tech faculty and staff members return to school on their own campus this week to learn how to apply the techniques of electronic computers to education and research.

The special seminar will be held Friday afternoon and Saturday in the Tech Union workroom, Dr. William R. Pasewark, professor of business education and head of the Tech data processing committee, announced.

Aim of the seminar "is to provide all of us with an opportunity to begin to learn how these fabulous machines 'think,' how they can be used, and what we, in our several fields, need to know about them in order to use them," Dr. E.N. Jones, Tech president said.

"It has been said that, more than any other creation, these machines are the most perfect expression of our contemporary civilization," he noted. "To whatever extent that may be true, Texas Tech must look forward to getting into the computer business. The first step is to inform ourselves."

Members of the Tech data processing committee that is setting up the seminar are Pasewark, Ray Billingsley, agricultural economics department; Charles E. Houston, electrical engineering department; Robert M. Parker, math department; and Miss Billie Williamson, home economics education department.

The first seven seminar sessions will be held between 1 p.m. and 5 p.m. Friday when introductory lectures will be given. A series of talks on applications of computers will be made beginning at 9 a.m. Saturday morning.

Setting up of a computer center and the future of electronic computers will be covered in the Saturday afternoon session.

Adrian Vaughan
Department of Public Information
Texas Technological College

Two Texas Tech coeds will represent Tech at the Arizona Intercollegiate Invitational Tennis tournament slated in Tucson Friday, Saturday and Sunday.

Carol Cummings, junior math major from (2416 Inglewood) Wichita Falls, and Karen Williams, junior pre-medical student of Littlefield, will compete both in singles and doubles contests with students from Arizona, California, New Mexico and West Texas.

Miss Ethel Rolfe, women's physical education instructor, will accompany the team.

--30--

James Bell, sophomore park management major from Lubbock, has been elected president of Circle K Club of Kiwanis International at Texas Tech for the 1958 Spring and Fall school terms.

Other new officers named are vice-president--Bill Plumlee, sophomore in arts and sciences of (1857 Walnut) Abilene; recording secretary--John Connally, sophomore pre-law major of Lubbock; corresponding secretary--Robert Helton, sophomore agriculture education major of Briscoe, and treasurer--Ed Golden, senior advertising major of Lubbock.

--30--

LUBBOCK, Feb. --Promotion of 14 advanced cadets and 11 basic students in the Texas Tech Army ROTC brigade have been announced by Col. James B. Carvey, Army ROTC commander at Tech.

Cadets with new ranks and duty assignments are:

Abilene--James A. Watts, engineering sophomore, promoted to corporal (317 Westridge Dr.).

Alpine--Terry D. Beckett, engineering sophomore, promoted to corporal.

Andrews--John A. Hardaway, junior history major, promoted to master sergeant, "C" company platoon sergeant.

Corpus Christi--Harrell Browning, Arts and Sciences freshman, promoted to private-first-class (1357 York Ave.).

El Paso--John M. Carson, senior architecture major, promoted to sergeant-first-class, "F" company assistant platoon sergeant.

Farmington, N.M.--Richard W. Young, sophomore in engineering, promoted to corporal.

Fort Worth--Gary P. Harrison, sophomore in engineering, promoted to corporal (2525 Ryan Place Dr.); Gary E. Orren, junior in engineering, promoted to master sergeant, first sergeant of "C" company (1109 Bewick).

Hereford--Ronald J. Kershen, junior English major, promoted to first sergeant of "C" company.

Littlefield--Leland Stone, Business Administration senior, promoted to cadet captain, "E" company commander.

Lubbock--George R. Powledge, junior in engineering, promoted to cadet captain, "C" Company commander; Charles P. Elliott, senior government major, promoted to master sergeant, platoon sergeant of the ROTC band; Jerrell Snodgrass, junior education major, promoted to

(more)

master sergeant, "F" company platoon sergeant; Jack F. Gist, sophomore government major, promoted to corporal; Shannon Dennison, sophomore in agriculture, promoted to corporal; Reginald B. Smith, sophomore in engineering, promoted to corporal; Robert S. Ralston, senior architecture major, promoted to private-first-class.

Memphis--Billy A. Combs, senior journalism major, promoted to cadet major, public information and intelligence office of the Brigade.

Monahans--Truett W. Poer, freshman in engineering, promoted to corporal.

Odessa--Gerald V. McWilliams, junior in engineering, promoted to sergeant-first-class, "E" company assistant platoon sergeant; Jerome N. Tschauner, senior park management major, promoted to master sergeant, "D" company platoon sergeant.

Pampa--Gary E. Frashier, senior in engineering, promoted to cadet major, executive officer of the 3rd Battle Group.

Spearman--Robert G. Cox, freshman in agriculture, promoted to corporal.

Tucumcari, N.M.--Carroll Willis, junior in engineering, promoted to cadet second lieutenant, "D" company assistant platoon leader.

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Adrian Vaughan
Department of Public Information
Texas Technological College

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This is the second free fine arts show the Tech Union has brought to Lubbock this season. On Nov. 15 the famed Don Cossack Chorus was presented in the Municipal Auditorium, courtesy of the Tech Union special events committee.

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The institute directors who will head the ~~special~~ classes on the various campuses are J.W. Day, Tech associate professor of physics; P.D. Gardner, associate professor of chemistry, University of Texas; C.C. Doak, biology department head, Texas A.&M.; D.E. Edmondson, associate professor of math, Southern Methodist, and L.K. Durst, assistant professor of math at Rice.

(MORE)

2--special summer course

A limited number of high school juniors who show exceptional promise in science will again have an opportunity to take a special course in physics this summer at ~~Texas~~ Tech.

The group will be part of more than 100 Texas high school students who will participate in institutes to be held on the campuses of Tech, Southern Methodist, Rice Institute, University of Texas and Texas A.&M.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --A limited number of high school juniors who show exceptional promise in science will have an opportunity to study at special science institutes to be held at five Texas institutions this summer.

More than 100 Texas high school students will be named to participate in institutes to be held on the campuses of Texas Tech, Southern Methodist, Rice Institute, University of Texas and Texas A.&M.

Students must apply through the office of their high school principal or superintendent before March 30. Final selection of students will be made by the Institutes Directors April 14, according to J.W. Day, Tech associate professor of physics and a director.

No tuition is charged for the special institutes that are sponsored by the Texas Education Agency and Texas high schools under a grant made by the Fund for the Advancement of Education.

Each participating institution provides outstanding faculty members and laboratory facilities to give an intensive five-week enrichment course in mathematics or science. Each institute will teach approximately 25 students.

Selection of applicants is based on aptitude, academic records and enthusiasm for science or mathematics. They must be high school juniors who will be classified as seniors during 1958-59 school year.

Day said that each participant will receive opportunities for creative work using the most modern laboratory equipment. The topics to be covered during the institute are those not usually included in the high school curriculum.

###

INTERVIEW

WHAT ARE YOUR IMPRESSIONS OF TECH'S FIRST VARSITY COMPETITION IN THE SOUTHWEST CONFERENCE?

WHAT DO YOU THINK OF THE PUBLIC SUPPORT TECH'S BEEN GETTING FOR ITS BASKETBALL GAMES?

WHAT IS THE CURRENT ENROLMENT AT TECH?

HOW DOES THAT PLACE IT IN SIZE AMONG TEXAS STATE-SUPPORTED COLLEGES AND UNIVERSITIES?

HOW IS TECH EXPECTED TO GROW IN THE FUTURE?

WILL THIS HAVE ANY AFFECT ON EDUCATIONAL POLICY AT TECH?

ARE THERE ANY PLANS FOR LIMITING ENROLMENT?

HAS SPUTNIK'S SUCCESS HAD ANY EFFECT ON TECH EDUCATIONAL POLICY?

GETTING BACK TO SPORTS, WHAT ARE IATEST DEVELOPMENTS IN PLANS TO EXPAND JONES STADIUM TO SEAT SOME 50,000 BY THE TIME TECH BEGINS CHAMPIONSHIP COMPETITION IN SOUTHWEST CONFERENCE FOOTBALL IN 1960:

IN WHAT SOUTHWEST CONFERENCE SPRING SPORTS WILL TECH COMPETE?

WHAT ABOUT BASEBALL?

2--engineering scholarships

Junior petroleum engineering students may apply for a \$1,000 Gardner-Denver Co. scholarship. Senior petroleum majors have available to them a \$500 Standard Oil Co. award and a \$400 plus tuition scholarship from Socony-Mobil Oil Co.

Junior and senior petroleum majors may also apply for the Olson Drilling Co-A.I.M.E. award of \$250 a semester.

Frontier Chemical ~~Engineering~~ \$300 scholarship for junior and senior chemical engineering students. For Eastern States Petroleum Co., Dow Chemical Co. and Monsanto Chemical Co. scholarships, chemical engineering students may apply at the Tech department of chemistry and chemical engineering.

Details on all scholarships are available at the Tech Dean of Engineering office.

####

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech faculty and staff members return to school on their own campus this week to learn how to apply the techniques of electronic computers to education and research.

The special ~~seminar~~ will be held Friday afternoon and Saturday in the Tech Union workroom, Dr. William R. Pasewark, professor of business education and head of the Tech data processing committee, announced.

Aim of the seminar "is to provide all of us with an opportunity to begin to learn how these fabulous machines 'think,' how they can be used, and what we, in our several fields, need to know about them in order to use them," Dr. E.N. Jones, Tech president said.

"It has been said that, more than any other creation, these machines are the most perfect expression of our contemporary civilization," he noted. "To whatever extent that may be true, Texas Tech must look forward to getting into the computer business. The first step is to inform ourselves."

Members of the Tech data processing committee that is setting up the seminar are Pasewark, Ray Billingsley, agricultural economics department; Charles E. Houston, electrical engineering department; Robert M. Parker, math department; and Miss Billie Williamson, home economics education department.

The first seven seminar sessions will be held between 1 p.m. and 5 p.m. Friday when introductory lectures will be given. A series of talks on applications of computers will be made beginning at 9 a.m. Saturday morning.

Setting up of a computer center and the future of electronic computers will be covered in the Saturday afternoon session.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, ~~Feb.~~ ---Talent-wheels of Texas Tech's giant benefit show "Like You Like It" are ~~spinning~~ in high gear as curtain time nears Sunday and Monday at Lubbock Municipal Auditorium.

Produced by the Tech Choir, orchestra and modern dance club, proceeds from the show will finance the Tech Choir's trip to New York where it will ~~appear~~ on the Ed Sullivan television show April 13. 13. Tickets are \$1 a person. Curtain times are 3:15 p.m. Sunday and 8 p.m. Monday.

Ranging from Brahms to rock 'n roll the program by talented Techsians includes a variety of music and dance numbers "Like You Like It" with polite "apologies to Shakespeare, Winston, and English professors everywhere."

The show will sparkle with some of the newest choral and combo arrangements by Gail Kubik and Roger Wagner, outstanding arrangers in the field of music.

Arranger Johnny Richards, whose group is currently ~~appearing~~ at New York's Birdland, has given permission to use his progressive jazz arrangements of "Nippigon," "Walkin'," and "So Beats My Heart For You."

Also in the spot-light will be numerous arrangements by John V. Gilbert, junior music major from Amarillo. In addition to his work with the Tech Choir production, Gilbert is also putting his talent to work as director of the forthcoming Varsity Show "Guys and Dolls."

Starring in modern dance ~~and~~ waltz numbers will be Robert Wall, Tech graduate and Lubbock elementary teacher, and Wynette Johnson, Monterey High School sophomore.

###

LURBOCK, --Approximately 60 per cent of Texas Tech's chemical engineering graduates go into refining, petro-chemical or allied industries, Dr. A.G. Oberg reports.

Oberg is director of Tech's chemical engineering section, which has 250 students in its program.

Oberg said about 25 chemical engineering majors will be graduated this year. Next year's senior class is expected to number about 40.

Tech's chemical engineering section is known for its ability to combine academic and laboratory training with field trips and other cooperative work arrangements with industry.

Each fall the students are taken on industrial field trips and each spring they spend several days at Phillips Petroleum Corp. facilities in the Borger Area.

"At least half of our students work during summers in chemical industry installations," Oberg said. "We could place many more in such jobs were it not for ROTC summer camp commitments and the year-round job requirements of some students."

Tech offers a four-year program leading to a bachelor of science degree in chemical engineering and a five year program that provides a bachelor of arts degree as well.

Work also is offered for a master of science degree in chemical engineering.

Sixteen courses are ~~(MORE)~~ given in the chemical engineering section, eight at the undergraduate level and eight in graduate work.

Although chemical engineering is now combined with chemistry in one department at Tech, the Board of Directors has authorized the separation of the two sections into full departments as soon as the academic arrangements can be completed.

Adrian Vaughan
Department of Public Information
Texas Technological College

Dr. H.C. Thomas, Bradley University physicist, will be a visiting lecturer Thursday at Texas Tech.

An authority on radioactivity decay in tagged atoms, Thomas will speak on nuclear physics at 8 p.m. in Chemistry building 101 at a meeting of Sigma Pi Sigma, honorary physics fraternity.

Scientists must be able to estimate the decay of radioactivity in a tagged atom to use the isotope as a tracer through intricate chemical processes in medicine, industry and other fields.

Too rapid a drop-off in the tell-tale radiation can cause the tracer to be lost or misinterpreted before the process under study is completed.

Thomas, who has worked at Oak Ridge National Laboratories, is chairman of Bradley's physics department. He has a bachelor's degree from Western Kentucky State College and a doctorate from Vanderbilt University.

Before joining the Bradley faculty, he taught six years at Mississippi State College.

All interested persons are invited to attend the meeting, Sigma Pi Sigma officials emphasized.

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Adrian Vaughan
Department of Public Information
Texas Technological College

America's growing population causes problems for park managers, too, according to Charles E. Doell, superintendent of parks at Minneapolis, Minn., who completed a series of lectures at Texas Tech Wednesday.

Doell, who in March will receive the Pugsley Medal from the American Scenic and Historical Society in New York for preservation of native scenery, says the "green thumb" men find their biggest problem is keeping pace with the growth in population and the needs of the public.

Increased urbanization has changed how parks are used, Doell said. The old idea of large parks connected by boulevards has given way to establishment of numerous neighborhood parks to supplement open spaces originally found in suburban areas.

Doell, a civil engineer by training, has spent 47 years with the Minneapolis Park Department. A past president of the American Institute of Park Executives, he is the fourth superintendent of parks that Minnesota city has had in 100 years.

Elo J. Urbanovsky, professor and head of horticulture and park management at Tech, said Doell lectured on park administration in Tech classes.

Adrian Vaughan
Department of Public Information
Texas Technological College

LURBOCK, Feb. --A cast of 23 Texas Tech students wthat will participate in the 1958 Varsity Show "Guys and Dolls" has been announced by Johnny Gilbert, student director from Amarillo.

Rehearsals will begin soon for the popular Broadway show that will be produced April 17-18.

Portraying the main characters are Don Armstrong, senior music major from (2004 Monroe) Amarillo, as Sky Masterson; Elizabeth Wilson, senior secretarial administration major from (4013 Piping Rock Lane) Houston, as Adeliade; and Rex Pope, junior music education major from (4207 Clifton Ave.) Amarillo, as Nathan Detroit.

Others in the cast and on the production staff are:

Amarillo--John Gilbert, junior music education major (1906 Crockett), director.

Ballinger--Jerry W. Bell, junior marketing major, assistant stage manager.

Big Spring--Marilyn Morris, sophomore in arts and sciences, as both Agatha and Mimi and understudy for Adeliade.

Dallas--Bill E. Leonard, freshman chemical engineering major from (3420 Knox), as Hakky the Gar and understudy for Nathan Detroit.

El Paso--Kay Adkins, junior music education major (2719 Federal St.), as Sarah, and Jean Groesbeck, freshman in home economics (1013 West Yandell), choreographer.

Fort Worth--Marsha Reily, sophomore speech major (4312 Arden Place), understudy for General Cartwright.

Lubbock--E. Glen Burns, freshman architecture major, as Nicely Nicely; Richard Scales, senior physical education major, as Benny and

(more)

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech Newcomers Club members will entertain their husbands at a Valentine party at 8 p.m. Friday in the Faculty Club lounge on the Tech campus.

Dunlap's of Lubbock is providing two gift certificates as grand prizes for the evening's entertainment which will include games and dancing.

Members of the games committee include Mesdames Paul Prior, chairman;; Arnold Grover, R.D. Palmquist, Roy E. Lambert and Dick Tatum.

Other committees are: decorations, Mesdames S.D. Foreman, chairman; Ray Billingsley, Nolan Henson, C.H. Kehoe and W.G. McMinn; telephone, Bernard Landes and Nolan Henson.

Mrs. Nelson Longley is in charge of the refreshments.

Tech's Newcomers Club is open to all faculty and staff women for the first three years of their campus membership.

Adrian Vaughan
Department of Public Information
Texas Technological College

Registration is going more smoothly for Texas Tech students and officials since the instituting of a \$3 fee for the adding, dropping or changing of courses, according to the registrar's office.

There were 34 percent fewer class changes in registration last fall than there were in the fall of 1956, the office reports.

A further analysis shows there were 68 per cent fewer courses added, 35 per cent fewer dropped and 21 per cent fewer class changes.

When a student signs up with a course and sticks with it, that saves both the student and the institution considerable time and effort, Dr. G.E. Giesecke, academic vice-president pointed out.

By stabilizing enrollment in each course as early as possible each semester means fewer unused spaces in class rooms caused by class drops. Thus it reduces class room inefficiency and insures maximum use of space, he added.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. -- Wall Street mogul J. (Pierpont) Morgan and the American Indians had little in common, but his philanthropy made possible a study recorded in 20 historical volumes just added to the Texas Tech library.

James E. Platz, associate librarian at Tech, announced that 20 volumes of "The North American Indian," by Edward S. Curtis, and 20 sets of large folios have been added to the Tech library's rare books collection.

A result of research financed by J.P. Morgan in the early 1900's, only 500 sets were printed. The first volume was completed in 1907 and the final volumes came off the press in 1930.

"These works were completed just in time -- before (the) many American tribes died out," Platz said. "From an anthropological and ethnological standpoint, the photos and the research by Curtis are of excellent value."

Curtis was a famous photographer in the early part of the century. The volumes were edited by Frederick Webb Hodge, authority on American Indians.

In his introduction to the volumes, Curtis said "The object of the work is to record by word and pictures what the Indian is, not whence he came."

All of the volumes and folios contain excellent sepia photographs of Indians in various costumes, dwellings, and activities.

(MORE)

Former President Theodore Roosevelt describes the value of the works in his foreword of the first volume: "In Mr. Curtis we have both and artist and a trained observer, whose pictures are pictures, not merely photography; whose work has far more than mere accuracy, because it is truthful. All serious students are to be congratulated because he is putting his work in permanent form; for only our generation offers the chance for doing what Mr. Curtis has done."

More than 70 tribes of the American Indians surviving in the early 1900's in their native habitat were studied and photographed by Curtis.

Because the books and folios were printed on highest quality rag bond paper as a limited edition, they are of great value to Western historians and students, Platz said.

###

MAILING SCHEDULE FOR Feb 17, 22

Day	Name of Story	A	B	C	R	WS	Explanation
Mon.	(Dr. Ashdown), Bagworm	X					
	Army ROTC brigade promotions	X					HT'S
Tues.	Tech Meats Program		X				HT'S, Farm Editors
	(Dr. Ashdown) Bagworm		X				Farm Editors
	Grain Drying & Storage Conf.	X					Fort Worth, Pix to A-J. Amarillo & Plainview
Wed.	High School Speech Meet	X	X			X	
	Massie Patterson, Carib. Dancers	X					
	Grade Point Averages	X					
Thurs.	Grade Point Averages			X			
	Institutes for High School jr's			X			
	(Dr. Ashdown) Bagworm			X			
	Tech Meats Program			X			
	Tech Farm "Sea of Grass"			X			
	Electronic Computer Seminar	X					
Fri.	Army Careers for Coeds	X					
'	Panel on Grain Sorghums at Grain Drying & Storage Conf.		X			X	
	Electronic Computer Seminar	X					
	Speech Contests	X					
Sat.	German Language Program	X					
	Lt Col. Scott, new math Prof.	X					
	Lions Club Pancake Sale	X					
	Class favorites, AWS officers						HT'S
	Jack, New Monkey at Tech	X					
	Red Cross Disaster Instruction						Radio & TV News Rel.

When Jack reached the tender age of six he was sent to school -- just in time for the second semester, in fact.

Only Jack didn't go to the first grade, he went to Texas Tech. And, he's going to major in psychology, so to speak.

Jack is a monkey of the Macacus Rhesus species who has been presented to the Tech psychology department by O.L. "Iron" Head, formerly of 224 Ave. H in Lubbock, now an Amarillo resident.

Asked what kind of pet Jack was, Head exclaimed:

"Why, Jack just acts like a big old football playing boy -- but he made one touchdown too many."

He also has a penchant for making monkeys out of people. Jack is an escape artist, of sorts. On one escapade he spent about a week in Lubbock tree tops ignoring the efforts of city officials to capture him.

Jack is also a law maker. Although he has never "run" for office he's "swung" a few deals and as a result a city ordinance was passed in Lubbock requiring that all kinds of pet animals must be kept on a leash.

Head was once in the monkey business and had owned Jack since 1951. He says Jack always used to wear a child's bathrobe on cold winter nights. But he left his tail exposed one night and it was frozen --- hence Jack is the only bobtailed monkey in the Tech psychology collection.

Jack has become part of the department's monkey colony. The colony now has 14 Macacus Rhesus monkeys that are used by psychology graduate students in studying behavior problems, discrimination, learning and retention.

And who knows. If Jack plays his students right, he may even be promoted to the head of the monkey shines department. --30--

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --Texas Tech's student body has elected class favorites, Association of Women Students officers and a Freshman Council representative.

Senior class favorites are B. Elizabeth Wilson, secretarial administration major from (4013 Piping Rock Lane) Houston, and Jackie McAninch, animal husbandry major from Merkel.

Junior class favorites are Peggy Miller, education major from (838 Columbia) Shreveport, La., and Gerald Myers, education major from Borger.

Sophomore class favorites are Sandra Hendrix, education major from Lubbock, and Kenneth Talkington, electrical engineering major from Tyler.

Freshmen class favorites are Janie Sue Norris, marketing major from (3100 Roger Drive) Odessa, and Jerry Storseth, architecture major from (807 Palo Duro St.) Amarillo.

Lynne Benton, education major from Lubbock, was chosen off-campus representative to the Freshman Council.

Named as officers of AWS were Jean Brown, first vice-president, junior English major from Graham; Carolyn Scott, second vice-president, sophomore education major from Jal, N.M.; Marilyn Adrian, third vice-president, junior speech therapy major from (1717 Brun) Houston, and Jean Schepers, International AWS representative, sophomore education major from McGregor.

W.R.Tatum, County Chairman
Public Information
American Red Cross
1641 Broadway, Lubbock

RADIO-TV NEWS RELEASE:

Volunteer Red Cross workers in Lubbock are making "just-in-case" preparations for possible disasters in Lubbock County by holding a week-long Disaster Institute beginning Monday.

The general public is invited to meet with local and county civic, industrial and medical leaders at 7:30 Monday night in O.L. Slaton Junior High School where a community-wide plan for disaster preparedness will be outlined.

More than 150 Lubbock county residents are expected to participate in the Disaster Institute being directed by Miss Henrietta Brocksmitth from the Red Cross Midwestern Area office in St. Louis, Missouri.

All of the Disaster Institute sessions are to be held in the Lubbock County Red Cross ~~CHAPTER~~ Chapter House at 1641 Broadway.

Gordon Thompson, general chairman of the county Disaster Preparedness Committee, urges all interested Lubbock county residents to attend any of the institute meetings this week.

"Anyone remembering the many tornado alerts this county experienced last April and May and the disasters that hit Silverton and Dallas can easily see the need for our community to be prepared this coming Spring," Thompson said.

Persons interested in attending any of the Disaster Institute meetings dealing with shelter, food, clothing, communications and transportation may call the local Red Cross chapter house for a time schedule. The Red Cross phone number is PORTer 5-8534.

##

Adrian Vaughan
Department of Public Information
Texas Technological College

The Lubbock Lions Club is expecting 12,000 people for supper March 15.

That's when the Club will hold its seventh pancake supper from 4 to 9 p.m. in the Lubbock Municipal Coliseum to raise money for the Lions Crippled Children's Camp, sight conservation work in Lubbock and other welfare projects.

The low price of \$.50 per stack of pancakes has made the annual supper one of the largest family social events in West Texas. Last year more than 10,000 persons attended the affair.

The event is conducted with maximum convenience because the large Lubbock Club has the manpower of at least 329 persons to cook and serve the pancakes.

Also, the Club has had a lot of experience in mass servings. Its' gold-shirted members have fed many large gatherings in the Lubbock area.

J.B. Thompson, general chairman for the supper, said the serving lines are expected to run smoother than ever this year because plans are being laid to distribute customers evenly among a number of serving lines.

The Club owns 11 big pancake griddles that were designed especially for this one event. National and local businesses are donating many of the supplies for the affair.

In addition to serving pancakes, the Lions are readying a program of continuous entertainment for the event.

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech's German language program for elementary-school children is described by Asst. Prof. Ted Alexander, program director, in the latest issue of "German Quarterly," official publication of the American Assn. of Teachers of German.

The Tech program is designed to teach school children German at an age when they are particularly interested in language study.

Most foreign language programs begin at the high school or even the college level.

Alexander conducts a German course for students, meeting on Saturdays during Tech's Long Session. Another, more-concentrated course is offered children in the summer.

The special Tech program is now in its third year.

--30--

Lt. Col. Charles D. Scott, formerly executive officer of Air Base Group at Reese AFB, has joined the Texas Tech faculty as a mathematics instructor.

Scott has had 12 years of experience in the Air Force, serving in New Guinea, the Philippines, China and Japan. He also has taught and been an administrator in Oklahoma schools for 17 years.

He is a graduate of Ouchita College. He and his wife and daughter reside at 2411 Utica.

--30--

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech opened a new frontier Friday afternoon as 130 faculty members crowded into the Union Building workroom for the opening session of a seminar on electronic computers.

Modern society is moving forward rapidly into a new age of technology affecting many fields of knowledge, and Texas Tech is going to move with it, Dr. E.N. Jones, Tech president, declared in opening remarks.

Dr. G.E. Giesecke, Tech academic vice-president, said the current seminar is thought to be the most systematic approach to the study of computer uses yet taken by the personnel of a large institution in this country.

Dr. William R. Pasewark, who heads a Tech committee in charge of the seminar, said new uses for computers will arise most rapidly when persons from a wide variety of fields gain a basic understanding of how the "electronic brains" work.

Such persons can visualize uses much better than computer developers who can't possibly know the ins and outs of dozens of specialized fields, he pointed out.

Pasewark said computers have two primary applications: in working with great masses of data and in analyzing data requiring much computation.

He added that, in his opinion, the devices should prove helpful in coordination among many areas of learning and in coordination within a single area of learning.

As an example of the latter application, he said a single computer, programmed for a retail business could conceivably record a sale, check the buyer's credit, deduct the item from inventory, reorder the item if necessary, prepare accounting of the sale, and record it for market analysis--all in seconds of time.

(MORE)

2--Tech computer course

Electronic computers offer mankind three great advantages-- tremendous speed, storage and accuracy when working with complicated problems.

Mrs. Luta Eaves, who is teaching a regular course in computer uses this semester, explained the basic technical principals behind the design and operation of the "brains."

"If they are 'brains', they're glorified 'morons' at best," she declared, "because they can do only what human beings tell them to do."

She went on to explain procedures for programming activities for the devices.

Displays of typical computer centers, literature and a special film attracted many faculty members during a break in the lectures.

Various technical operations and applications of computers were described by Charles B. Hanson and Stephen L. Jamison. The afternoon session was summarized by Robert M. Parker.

The session from 9 to 11:55 a.m. today will include technical talks by Carl V. Siebs, Carl Powers and Jamison and a panel on computer applications at Texas Tech. Panelists will include Parker, (Arts and Sciences) Ray Billingsley, (Agriculture) Jarvis Witt, (Business Administration) Charles E. Houston, (Engineering) and Billie F. Williamson (Home Economics).

Emmett A. Hazelwood will be toastmaster at a seminar luncheon. The final session will be from 12:50 to 4:15 p.m. today. Speakers on various phases of computer uses will include Finley W. Tatum, Fred W. Norwood, Mrs. Eaves, John R. Bradford, Billingsley, Carl Powers, Jamison, Parker and Pasewark.

Giesecke will moderate a panel discussion by Jamison, Norwood, Powers and Tatum. The audience will question the panel also.

Houston will summarize the seminar and closing remarks will be made by President Jones.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

More than 100 solid hours of talking and some quarter of a million words will be compressed into seven hours when high schoolers from the Panhandle, South Plains and West Texas converge at Texas Tech today.

Their goals will be first and second place certificates awarded by the Tech speech department for contests in debate, poetry reading, declamation and extemporaneous speaking.

The meet will provide practice for youngsters hoping to represent their schools in Interscholastic League speech contests this spring.

The contests will be separated into boys' and girls' divisions. Each school may have as many as three entries in each event. League rules will prevail otherwise.

A general session will be held at 9 a.m. in the Aggie Memorial Auditorium. Other highlights will include a luncheon honoring visitors at 12:15 p.m. in the Union Building and an awards ceremony at 5 p.m. in the Speech Auditorium.

As many as 200 youngsters may be on hand for the contest, Ronald Schulz, acting head of the Tech speech department, said.

Each visiting sponsor will be expected to serve as a contest judge at least twice, Schulz said.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

Junior-year coeds from Texas Tech may join women from other colleges throughout the United States this summer in sampling a new career, Col. James B. Carvey, Army ROTC commander at Texas Tech, has announced.

A College Junior Summer Training Program is offered by the Army to give college women a four-weeks' taste of Army life. Women selected will participate in a paid training program similar to that given officers in the Women's Army Corps.

Leadership, radiological warfare, civil emergencies and military intelligence are among the subjects included in the classroom work. Interesting trips and social activities are part of the program.

Carvey said that the College Junior course would be conducted at the U.S. Women's Army Corps School at Fort McClellan, Ala., for four weeks beginning July 27.

Only college women who have completed their junior year will be accepted for this training. Those who apply and are selected receive a corporal's pay of \$122 a month during the training. The Army furnishes transportation, uniforms, meals, and lodgings.

After completing their senior year those who are interested in an Army career may apply for direct commissions as second lieutenants upon graduation. However, women who attend the Army summer program are not obligated to apply for a commission.

Eligible coeds interested in the summer program may obtain further information about the program from Col. Carvey in the Military Science office, Building M-2, at Tech.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

How the electronic genies of data computers aid research in a multitude of studies will be explained at the special seminar opening today (Friday) at Texas Tech.

More than 100 Tech faculty and staff members will participate in the Friday afternoon and Saturday sessions that anticipate the day when Tech establishes a computer center.

Electronic computer manufacturing representatives from New York City and San Francisco along with experts from throughout the state will lecture during the seminar, Dr. William R. Pasewark, professor of business education and head of the Tech data processing committee, said.

"Computers can be applied advantageously in nearly all subject matter areas of the arts, business and sciences -- including such diverse subjects as linguistic studies, music composition, and reservoir engineering studies," he stated.

The seminar formally opens at 1:10 p.m. today with a statement of the seminar's purpose by Dr. E.N. Jones, Tech president. Other sessions today are: "Automation--Scope, History, Trends" at 1:15 p.m.; "Introduction to Electronic Computers" at 1:50 p.m.; "Computers--How They Operate" at 3:05 p.m.; "Application of Computers in the Laboratory and Office" at 3:50 p.m.; and a summary at 4:50 p.m.

Saturday sessions will include demonstrations and applications of computers in science and education, plans for establishing a computer center at Tech, and discussions of computer education programs in the future.

(more)

2--Electronic Computer Seminar

Among those leading the seminar are Pasewark, Mrs. Luta P. Eaves, assistant professor of accounting at Tech; Dr. Stephen L. Jamison, regional director of International Business Machines data processing university program from San Francisco, Calif.; Carl Powers, assistant director of Remington Rand's Univac education department from New York City; Charles B. Hanson, IBM's data processing manager in Lubbock; Carl V. Siebs of IBM's electronic accounting machine division in Midland.

Also speaking here will be Prof. Finley W. Tatum, co-director of the electronic computer center at Southern Methodist University.

Others contributing to the seminar are Dr. Ernst Giesecke, academic vice-president at Tech; Dr. Ray Billingsley, assistant professor of agriculture economics; Dr. John R. Bradford, Dean of Engineering; Dr. Emmett A. Hazelwood, professor of mathematics; Dr. Fred W. Norwood, professor of accounting; Robert M. Parker, associate professor of math; Miss Billie F. Williamson, associate professor of home economics; Jarvis Witt, acting director of the West Texas Bureau of Business Research; and C.L. Tomlinson, of the Baker Co., Lubbock.

Adrian Vaughan
Department of Public Information
Texas Technological College

LURBOCK, Feb. --Texas Tech's animal husbandry department is meeting the challenge of housewives at the meat market who may be remarking "handsome is as handsome does" when it comes to beef steers.

Recognizing that meat at the counter and not on the hoof is the primary interest of consumers, Tech's animal department is offering a new course this year in meat grading.

Proof of the need for such a course is the judging results of the latest Chicago International Livestock Show. There the top award in beef carcass judging went to a cross-bred Shorthorn that did not place in on-the-hoof competition.

And of the 80 beef animals given a ranking in carcass competition, 39 did not place in the live-judging.

"Judging cattle on the hoof continues to be important in the livestock industry, but available facts now clearly show the need for supplementing this with disciplined judging of carcasses," Dr. N.C. Fine, animal husbandry department head, declared.

More emphasis on meats judging should lead to improvements in on-the-hoof judging, too, Fine added.

In addition to offering the new course and a course on farm meats, the department is sponsoring a meats judging team. Teacher and coach in the program is Coleman O'Brien.

"Object of this training is to teach students to sort and grade meat so there will be a standard to facilitate trade," O'Brien pointed out. "Our program qualifies students for employment with the federal meat grading service."

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --High school juniors who show exceptional promise in science have an opportunity to apply for special tuition-free study at one of five Texas institutions this summer.

More than 100 Texas high school students will be named to participate in institutes to be held on the campuses of Texas Tech, Southern Methodist, Rice Institute, University of Texas and Texas A&M.

Students must apply through the office of their high school principal or superintendent before March 30. Final selection of students will be made by the Institutes' Directors April 14, according to J.W. Day, Tech associate professor of physics and a director.

The special institutes are sponsored by the Texas Education Agency and high schools under a Fund for the Advancement of Education grant.

Each participating institution will give approximately 25 students an intensive five-week enrichment course in mathematics or science. Outstanding faculty members and laboratory facilities are provided by the colleges and universities for the Science Institutes.

###

LUBBOCK, Feb. --Although they're outnumbered almost three to one, it's still a woman's world at Texas Tech so far as grade-point averages are concerned.

Fall semester grade-point figures released by the Registrar's office show that Tech coeds, 2,096-strong, have an over-all average of 1.45 while 6,011 male Techsans averaged 1.16. A 1-point average equals "C".

###

LUBBOCK, Feb. --Shrubbbery around your house may well take a beating this summer from the common bagworm, Dr. Donald Ashdown, Texas Tech professor of horticulture, predicts.

The bagworm population has been building up in the past few years, Ashdown said. He pointed to the abundant evidence of the little spindle or bobbin shaped cocoon bags hanging on tips of bare branches this winter.

Damage to the plant results from the worm eating the leaves. Much damage is already done by the time the homeowner notices the thinning foliage, Ashdown stated.

He suggests that the best protection for trees and shrubs is a close watch for the small brown worm which begins to hatch about May 10. When the first to hatch get about as long as a match head then spray your plants.

Early steps to protect shrubbbery may be taken now by pulling the bags off the branches and burning them. Ashdown said that spraying too early may be ineffective because of spring rains. But in any case it is best to spray before the worm matures.

The bagworm cannot spread without help. Hitchhiking is one of the favorite tricks of this little moth. As a small larva hunting adventure -- but mostly food -- he may climb aboard whenever a bird happens to perch near his abode.

If the bird takes off before the worm completes his inspection, he gets a free ride to another tree, perhaps many miles distant.

The bagworm is found throughout the Southwest.

Thyridopteryx ephemeraeformis is the formal name for this little pest. More information about control of the bagworm may be obtained from your local county agent's office.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Experiments aimed at turning the Southwest into a "sea of grass" again are under way at Texas Tech.

That "sea" existed when settlers first came to the area, but overgrazing soon made the pastures barren and the blight of mesquite brush choked prosperity from the soil.

Several groups have a plan which slice many years from the time needed to restore thousands of brushland acres to grass-covered prairie.

They are the Tech School of Agriculture, Texas Extension Service and the Soil Conservation Service. Cooperating are agricultural equipment manufacturers.

Hopes of the groups lie in a huge bulldozer, according to Chester Jaynes, Tech agronomist supervising the project. Attached to the rear of the machine is a root plow and blowers for spreading grass seed, he said.

As the huge dozer grinds through brushland, pushing over trees with its front blade, its plow tears underneath the ground cutting mesquite and other brush roots as the blowers spray grass seed into the newly turned earth. Jaynes added.

Forty-five acres of the Tech Farms have been set aside for the three-year experiment. The three plots of 15 acres each will be given different rest periods from grazing to find just which grasses of 14 selections are best and how they should be cared for to bring about most effective restoration of the land.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

Back in the days of the ancient Greeks, Calypso was a gal who kept the guys hanging around her little island, but Lubbock will get another view of Calypso when the Massie Patterson Carib dancers appear in a free show at 7:30 p.m. in Municipal Auditorium today (Thursday).

Sponsoring the free performance of Caribbean song and dance tonight is the Texas Tech Student Union special events committee.

Primitive musical instruments will be used in presenting the authentic program of Caribbean folk music. Syncopation of drum and chant, originated in the African Congo, will be used. Whistles, cowbells, washboards, a bottle and spoon and gourds imitating castanets will also be used to make musical sounds.

Costumes for the program are authentic West Indies dress designed by Massie Patterson, who was born and reared in the West Indies. The Carib Singers will show costumes worn by natives of Martinique, Trinidad, Tobago, Barbados, Haiti and Jamaica.

Strong African influence is shown in the group's dances which also come from Spanish and French sources. From Haiti comes the voodoo dances "Nago" and "Yanvalou;" "The Bamboola" from the Virgin Islands; Cuba's "Naminga" and the "Callenda" of Trinidad and Martinique.

This is the second free fine arts show the Tech Union has brought to Lubbock this season. On Nov. 15 the famed Don Cossack Chorus was presented in the Municipal Auditorium, courtesy of the Tech Union special events committee.

Adrian Vaughan
Department of Public Information
Texas Technological College

Although they're outnumbered almost three to one, it's still a woman's world at Texas Tech so far as grade-point averages are concerned.

Fall semester grade-point figures released by the Registrar's office show that Tech coeds, 2,096-strong, have an over-all average of 1.45 while 6,011 male Techsans averaged 1.16. A 1-point average equals "C."

Topping both all-men and all-women averages were the social fraternity and sorority groups on the Tech campus. The all-fraternity average was 1.25 for 651 members while the all-sorority average was 1.58 for 677 members.

Pi Beta Phi sorority led the Greeks with a 1.80 average and Phi Kappa Psi fraternity topped the fraternity scholarship roll with a 1.306 average.

Other sorority averages are: Alpha Chi Omega, 1.61; Alpha Phi, 1.430; Delta Delta Delta, 1.65; Delta Gamma, 1.64; Gamma Phi Beta, 1.47; Kappa Alpha Theta, 1.72; Kappa Kappa Gamma, 1.54; Sigma Kappa, 1.435, and Zeta Tau Alpha, 1.426.

Other fraternity grade averages are: Alpha Tau Omega, 1.305; Delta Tau Delta, 1.23; Kappa Sigma, 1.22; Phi Delta Theta, 1.301; Phi Gamma Delta, 1.29; Pi Kappa Alpha, 1.17; Sigma Alpha Epsilon, 1.24; Sigma Chi, 1.300, and Sigma Nu, 1.15.

###

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --Texas Tech will be host Saturday (Feb. 22) for a high school speech meet attracting students from the Panhandle, South Plains and a large part of West Texas.

More than 200 youngsters will compete in declamation, extemporaneous speaking, debate and poetry reading. Tech's sponsoring speech department will award certificates to first and second place winners.

Asst. Prof. Ronald Schulz, who is in charge of arrangements, said there will be no contest divisions according to school enrollments unless there are at least six entries within an Interscholastic League enrollment classification.

The contests will be separated into boys' and girls' divisions, however, he added. Each school may have as many as three entries in each event. League rules will prevail otherwise.

The Tech speech meet provides practice for students expecting to represent their schools in League speech contests this Spring.

A general session for explaining contest procedures will be held at 9 a.m. Saturday in the Aggie Memorial Auditorium. Other features will include a 12:15 p.m. luncheon for visitors in the Tech Union Building ballroom and a 5 p.m. awards ceremony in the Speech Auditorium.

Each visiting sponsor will be expected to serve as a contest judge at least twice, Schulz said.

###

GIESECKE INTERVIEW

NASH: -- THERE'S A LOT OF DISCUSSION ABOUT EDUCATION THESE DAYS, DR. GIESECKE, AND I'D LIKE TO ASK YOU SOME QUESTIONS ABOUT THE ISSUES IN ALL OF THIS DISCUSSION. FIRST, WHAT DO YOU CONSIDER THE BIG ISSUES IN EDUCATION TODAY?

GIESECKE: THERE ARE MANY, OF COURSE, BUT TWO SEEM TO STAND OUT ABOVE ALL OTHERS. THE FIRST IS: WHO SHALL GO TO COLLEGE? OUR TRADITIONAL ANSWER HAS BEEN "EVERYONE WHO HAS THE ABILITY AND DESIRE." IN DISCUSSING THIS, USUALLY ONLY ~~ONE~~ ONE OF TWO IMPORTANT QUESTIONS IS RAISED. NAMELY, CAN WE AFFORD TO CONTINUE THIS PHILOSOPHY WHICH PROVIDES EVERYONE WITH THE OPPORTUNITY TO GO AS FAR AS HE CAN? AS IMPORTANT AS THIS IS, THE AMERICAN PEOPLE DARE NOT FAIL TO ASK A SECOND QUESTION BEFORE THEY DECIDE WHAT THEY WANT. NAMELY, CAN WE AFFORD NOT TO PROVIDE EVERY CITIZEN WITH THE OPPORTUNITY TO DEVELOP HIS TALENTS TO THE FULLEST?

NASH: WHAT DO YOU CONSIDER THE SECOND MAJOR ~~ISSUE~~ EDUCATIONAL ISSUE FACING THE AMERICAN PEOPLE TODAY?

GIESECKE: I WOULD SAY IT WAS CRYSTALLIZED FOR US A FEW MONTHS AGO WHEN WE FOUND ALL OF A SUDDEN THAT WE WERE IN THE SPACE AGE. IT CAME AS SOMETHING OF A SHOCK TO REALIZE THAT ANOTHER NATION WAS AT LEAST OUR EQUAL IN MAKING USE OF EXISTING KNOWLEDGE OF THE LAWS OF NATURE. SPUTNIK SHOWED US THAT, IF WE ARE TO MAINTAIN OUR POSITION OF LEADERSHIP, OUR SKILL IN UTILIZING EXISTING FUNDAMENTAL KNOWLEDGE ALONE MAY NO LONGER BE AN ADEQUATE SAFETY FACTOR.

2--GIESECKE INTERVIEW

NASH: WHAT ALTERNATIVE DO WE HAVE?

GIESECKE: THE ALTERNATIVE OF DEVOTING A MUCH GREATER SHARE OF OUR ENERGY AND OUR WEALTH TO THE SEARCH FOR NEW FUNDAMENTAL KNOWLEDGE. AS A NATION WE HAVE LONG HAD SURPRISINGLY LITTLE INTEREST IN THE FINDING OF FUNDAMENTAL KNOWLEDGE THROUGH BASIC RESEARCH. WE HAVE ~~BEEN CONTENT~~ BEEN CONTENT TO APPLY THE FUNDAMENTAL DISCOVERIES MADE BY OTHERS TO PRACTICAL ENDS. IT'S AS THOUGH WE ~~HAVE~~ ^{HAVE} BEEN DRAWING ON A BANK ACCOUNT TO WHICH OTHERS HAVE MADE DEPOSITS.

NASH: YOU ARE MAKING A DISTINCTION BETWEEN PURE AND APPLIED SCIENCE, I SEE. CAN YOU ILLUSTRATE THIS DIFFERENCE?

GIESECKE: YES, FOR EXAMPLE, THE FUNDAMENTAL DISCOVERIES CONCERNING THE ATOM WERE MADE IN EUROPE DURING THE ~~IN~~ 1930'S. PLANCK AND EINSTEIN ARE TWO NAMES THAT COME TO MIND. WE TOOK THOSE IDEAS AND APPLIED THEM TO THE OBJECTIVE OF MAKING THE ATOM BOMB AND LATER TO THE OBJECTIVE OF APPLIED PEACETIME USES. THE POINT IS THAT WE HAD TO BORROW THE BASIC IDEAS. WE HAD NOT FOUND THEM OURSELVES.

NASH: WHAT DOES THIS HAVE TO DO WITH OUR CONCERN OVER EDUCATION?

3--GIESECKE INTERVIEW

GIESECKE: JUST THIS. WHEN SPUTNIK PRESENTED EVIDENCE THAT OTHERS COULD BE JUST AS SKILLFUL ADAPTERS AS WE, THAT DROVE HOME THE FACT THAT TO REGAIN OUR SUPREMACY WE MUST LEARN TO EXCELL IN THE SEARCH FOR NEW, BASIC KNOWLEDGE. WITH THE BEGINNING OF THE SPACE AGE, WE HAVE BEGUN TO QUESTION WHETHER OR NOT OUR EDUCATIONAL SYSTEM ^{IS} ~~WAS~~ ADEQUATE TO PRODUCE THE HIGHLY SKILLED, HIGHLY TRAINED, TOUGH MINDS THAT IT TAKES TO KEEP ROLLING BACK THE LIMITS OF IGNORANCE. IN OTHER WORDS, ARE WE PRODUCING THE KIND OF MINDS--IN THE QUANTITY WE NEED--TO MAKE THE NECESSARY DEPOSITS TO THE BANK ACCOUNT I SPOKE OF WHILE AGO? THAT, I THINK, IS THE SECOND MAJOR ISSUE FACING US, BOB.

NASH: WHAT SIGNIFICANCE DOES THIS SECOND MAJOR ISSUE HAVE FOR THE AMERICAN PEOPLE?

GIESECKE: VERY BRIEFLY, THIS. IT MEANS THAT THE AMERICAN PEOPLE MUST LEARN TO PLACE AS MUCH VALUE ON MENTAL SELF-DISCIPLINES AS WE NOW PLACE ON ~~THE~~ PHYSICAL EXCELLENCE OF THE YOUNG MEN WHO ARE PLAYING SUCH SPLENDID BALL HERE THIS EVENING.

NASH: WHAT CONSEQUENCES DO YOU SEE IN THESE THINGS FOR TEXAS TECH?

GIESECKE: INEVITABLY TEXAS TECH MUST BECOME MORE HEAVILY COMMITTED TO GRADUATE STUDY AND RESEARCH, BOB. IT IS AT THE GRADUATE LEVEL WHERE THE YOUNG MAN OR WOMAN ~~WHICH~~ FINALLY LEARNS TO WALK DOWN THE LONELY YET ADVENTURESOME ROAD OF THE SEARCH FOR NEW KNOWLEDGE. ALL EDUCATION THAT PRECEDES GRADUATE STUDY HAS THE RESPONSIBILITY, HOWEVER, TO MAKE CERTAIN THAT THE RIGHT PERSONS GET TO THAT LEVEL WITH GOOD EQUIPMENT AND WITH THE WILL TO TACKLE A TOUGH JOB.

###

LUBBOCK, Feb. --Wheat and maize farmers and storage operators from throughout the Panhandle and South Plains will attend the fourth annual Grain Drying and Storage Conference slated Thursday and Friday at Texas Tech.

Twenty-nine specialists will speak on subjects covering sanitation, moisture measurements, aeration, effects of storage on nutritional qualities of grain and grain spoilage.

How industry solves regional drying problems will be discussed and a panel will discuss service charges and handling problems in drying and storage.

The conference will be held in the Tech Union Building. The meeting is sponsored by 21 organizations with Prof. Ira Williams, Tech agriculture engineering department head, in charge of arrangements.

Conference participants will include:

Amarillo--Fred T. Dines, Western Grain and Supply Co.; Delmar G. Nelson, executive vice-president of the Grain Sorghum Producers Assn.; Sam A. Thomas, agricultural development manager for Southwestern Public Service Co.

College Station--W.S. Allen, farm buildings specialist, Texas A&M College; Jack Bradshaw, price support specialist, Agricultural Stabilization and Conservation Committee; David L. Calderwood and Reed S. Hutchinson, agricultural engineers, Agricultural Marketing Service of USDA; J.W. Sorenson, agricultural engineer with the Agricultural Experiment Station.

Dallas--Fred F. Rabe, engineer.

Fort Worth--Dr. R.M. Anderson, vice-president, Vitaway, Inc., and Ben M. Ferguson, secretary-treasurer, Texas Grain and Feed Dealers Assn.

(MORE)

2--grain drying

Halfway--Dr. Johnny H. Davis, High Plains Station, Texas Research Foundation.

Plainview--Roy Burrus, Farmers Grain Co.

Stillwater, Okla.--James R. Enix, extension grain marketing specialist, Oklahoma State University.

Tech personnel participating in the conference will include:

Dr. Donald Ashdown, entomologist; Dr. Ray Billingsley, agricultural economist; Dr. Earl Camp, plant pathologist; Donald Day, agriculture engineer; Dr. Clark Harvey, agronomist; and Dr. W.L. Stangel, agriculture dean.

Other Lubbockites participating will include Ray Anthis, Lubbock Grain Exchange; Archie Campbell, plant breeder, DeKalb Agricultural Assn.; Grady Goodpasture, Goodpasture Grain and Milling Co.; R.S. Johnson, S.E. Cone Grain Co.; Dr. N.W. Kramer, grain sorghum breeder, Texas Agricultural Experiment Station; Jim Lindsey, president, Texas Certified Seed Producers Assn.; F.N. Robinson, engineer; Clyde Tatum, Economy Mills; and Donald Tusha, Panhandle Steel Buildings, Inc.

W.H.H.

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS
SUITABLE FOR TIME COPY

LUBBOCK, --Texas Tech is meeting the challenge of an old saying that is taking on new significance in the livestock industry. The saying--"Handsome is as handsome does."

It's been bandied about quite a bit since the latest Chicago International Livestock Show when the top award in beef carcass judging went to a cross-bred Shorthorn that did not place in on-the-hoof judging.

And of the 80 beef animals given a ranking in the carcass competition, 39 did not place in the live judging.

Recognizing that meat at the counter is the primary interest of consumers, Tech's animal husbandry department is offering a new course this year in meat grading.

"Judging cattle on the hoof continues to be important in the livestock industry, but available facts now clearly show the need for supplementing this with disciplined judging of carcasses," Dr. N.C. Fine, animal husbandry department head, declared.

More emphasis on meats judging should lead to improvements in on-the-hoof judging, too, Fine added.

In addition to offering the new course and a course on farm meats, the department is sponsoring a meats judging team. Teacher and coach in the program is Coleman O'Brien.

"Object of this training is to teach students to sort and grade meat so there will be a standard to facilitate trade," O'Brien pointed out. "Our program qualifies students for employment with the federal meat grading service."

(more)

2--Tech Meats Program

Persons currently enter the meat grading service at a salary rate of \$3,670 per year, and, if their work is satisfactory, advance to a rate of \$4,525 in six months and to \$5,440 at the end of a year. In addition, they receive travel expenses and other Civil Service benefits.

O'Brien said two Tech graduates are scheduled to complete the year's service to the \$5,440 salary rating in June and two students have made application to begin the training this year.

O'Brien said Tech also is cooperating with the National Livestock and Meat Board in live animal and carcass evaluation clinics. Tech representatives participated in the second such conference, held last year at Oklahoma City, and will be on hand for this year's clinic at Phoenix, Ariz., in April.

Tech graduates now in the meat grading service are Allen King, formerly of Merkel and now stationed at Odgen, Utah, and Sutton Crofts, formerly of Cisco and now on the job at Waterloo, Iowa.

Considering entering the service are Richard Ligon of Loving and Pat Simmons of Paris.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --Promotion of 14 advanced cadets and 11 basic students in the Texas Tech Army ROTC brigade have been announced by Col. James B. Carvey, Army ROTC commander at Tech.

Cadets with new ranks and duty assignments are:

Abilene--James A. Watts, engineering sophomore, promoted to corporal (317 Westridge Dr.).

Alpine--Terry D. Beckett, engineering sophomore, promoted to corporal.

Andrews--John A. Hardaway, junior history major, promoted to master sergeant, "C" company platoon sergeant.

Corpus Christi--Harrell Browning, Arts and Sciences freshman, promoted to private-first-class (1357 York Ave.).

El Paso--John M. Carson, senior architecture major, promoted to sergeant-first-class, "F" company assistant platoon sergeant.

Farmington, N.M.--Richard W. Young, sophomore in engineering, promoted to corporal.

Fort Worth--Gary P. Harrison, sophomore in engineering, promoted to corporal (2525 Ryan Place Dr.); Gary E. Orren, junior in engineering, promoted to master sergeant, first sergeant of "C" company (1109 Bewick).

Hereford--Ronald J. Kershen, junior English major, promoted to first sergeant of "C" company.

Littlefield--Leland Stone, Business Administration senior, promoted to cadet captain, "E" company commander.

Lubbock--George R. Powledge, junior in engineering, promoted to cadet captain, "C" Company commander; Charles P. Elliott, senior government major, promoted to master sergeant, platoon sergeant of the ROTC band; Jerrell Snodgrass, junior education major, promoted to

(more)

master sergeant, "F" company platoon sergeant; Jack F. Gist, sophomore government major, promoted to corporal; Shannon Dennison, sophomore in agriculture, promoted to corporal; Reginald B. Smith, sophomore in engineering, promoted to corporal; Robert S. Ralston, senior architecture major, promoted to private-first-class.

Memphis--Billy A. Combs, senior journalism major, promoted to cadet major, public information and intelligence office of the Brigade.

Monahans--Truett W. Poer, freshman in engineering, promoted to corporal.

Odessa--Gerald V. McWilliams, junior in engineering, promoted to sergeant-first-class, "E" company assistant platoon sergeant; Jerome N. Tschauner, senior park management major, promoted to master sergeant, "D" company platoon sergeant.

Pampa--Gary E. Frashier, senior in engineering, promoted to cadet major, executive officer of the 3rd Battle Group.

Spearman--Robert G. Cox, freshman in agriculture, promoted to corporal.

Tucumcari, N.M.--Carroll Willis, junior in engineering, promoted to cadet second lieutenant, "D" company assistant platoon leader.

Whitharral--Joe A. Bryant, junior math major, promoted to first sergeant of "C" company.

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LUBBOCK, Feb. --Hybrid grain sorghums will make up 90 per cent of that crop's production within the next 10 years, increasing income from it by millions of dollars, a six-man panel predicted at Texas Tech.

The panel appeared at the fourth annual grain drying and storage conference held (Thursday and Friday, Feb. 20-21) at Tech.

The group also made the following predictions regarding grain sorghum hybrids:

They will be made more drouth resistant and palatable and will have better uniformity of quality.

Success with their production will stimulate seed and fertilizer sales and cause expansion of handling, storage and transportation facilities.

That success also will spur research leading to varieties adapted to the shorter growing season of the Midwest corn belt and to the more humid climate of Central and South Texas.

Their development as a "surer" crop will make lending agencies more receptive to helping farmers get into production.

These results will spur research into hybrids of all kinds.

Panel participants were Dr. N.W. Kramer, Jim Lindsey, and Archie Campbell, Lubbock; Delmar G. "Bill" Nelson, Amarillo; Dr. Johnny H. Davis, Halfway; and Dr. Clark Harvey, Tech.

More than 250 persons from Texas, Oklahoma and New Mexico attended this year's conference, which included technical talks by 29 specialists. The conference elected 15 directors to plan the 1959 meeting.

(MORE)

2--Hybrid grain sorghums

Directors are W.S. Allen, College Station; F.W. Rabe, Dallas; J.R. Brown, Dimmitt; Ben Ferguson, Fort Worth; Will Schroeder, Fred Dines, Nelson, and Sam Thomas, Amarillo; Loyan Walker, Abilene, and the following from Lubbock:

F.N. Robinson, Campbell; Donald Tusha, Gene Linn, Paul Furr and Ira L. Williams.

Officers elected by the directors are Tusha, president; Allen, first vice-president; Ferguson, second vice-president; Linn, secretary; and Robinson treasurer.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION FARM EDITORS

LUBBOCK, --The fourth annual Grain Drying and Storage Conference will be held Feb. 20-21 at Texas Tech, with 29 specialists as speakers.

Subjects will include sanitation, moisture measurements, aeration, and effects of storage on nutritional qualities of grain. Other talks will be on causes of grain spoilage, and effects of storage methods on grains for feeding.

Industries' solutions to regional drying problems will be given and a panel will discuss service charges and handling problems in drying and storage.

Prof. Ira Williams, Tech agricultural engineering department head, is in charge of arrangements for the conference. It will be held in the Tech Union Building. The meeting is sponsored by 21 organizations.

2--grain drying

Halfway--Dr. Johnny H. Davis, High Plains Station, Texas Research Foundation.

Plainview--Roy Burrus, Farmers Grain Co.

Stillwater, Okla.--James R. Enix, extension grain marketing specialist, Oklahoma State University.

Tech personnel participating in the conference will include:

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(MORE)

W.R.Tatum, County Chairman
Public Information
American Red Cross
1641 Broadway, Lubbock

RADIO-TV NEWS RELEASE:

Volunteer Red Cross workers in Lubbock are making "just-in-case" preparations for possible disasters in Lubbock County by holding a week-long Disaster Institute beginning Monday.

The general public is invited to meet with local and county civic, industrial and medical leaders at 7:30 Monday night in O.L. Slaton Junior High School where a community-wide plan for disaster preparedness will be outlined.

More than 150 Lubbock county residents are expected to participate in the Disaster Institute being directed by Miss Henrietta Brocksmit from the Red Cross Midwestern Area office in St. Louis, Missouri.

All of the Disaster Institute sessions are to be held in the Lubbock County Red Cross ~~Chapter~~ Chapter House at 1641 Broadway.

Gordon Thompson, general chairman of the county Disaster Preparedness Committee, urges all interested Lubbock county residents to attend any of the institute meetings this week.

"Anyone remembering the many tornado alerts this county experienced last April and May and the disasters that hit Silverton and Dallas can easily see the need for our community to be prepared this coming Spring," Thompson said.

Persons interested in attending any of the Disaster Institute meetings dealing with shelter, food, clothing, communications and transportation may call the local Red Cross chapter house for a time schedule. The Red Cross phone number is POster 5-8534.

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech opened a new frontier Friday afternoon as ⁽¹³⁰⁾ faculty members crowded into the Union Building workroom for the opening session of a seminar on electronic computers.

Modern society is moving forward rapidly into a new age of technology affecting many fields of knowledge, and Texas Tech is going to move with it, Dr. E.N. Jones, Tech president, declared in opening remarks.

Dr. G.E. Giesecke, Tech academic vice-president, said the current seminar is thought to be the most systematic approach to the study of computer uses yet taken by the personnel of a large institution in this country.

Dr. William R. Pasewark, who heads a Tech committee in charge of the seminar, said new uses for computers will arise most rapidly when persons from a wide variety of fields gain a basic understanding of how the "electronic brains" work.

Such persons can visualize uses much better than computer developers who can't possibly know the ins and outs of dozens of specialized fields, he pointed out.

Pasewark said computers have two primary applications: in working with great masses of data and in analyzing data requiring much computation.

He added that, in his opinion, the devices should prove helpful in coordination among many areas of learning and in coordination within a single area of learning.

As an example of the latter application, he said a single computer, programmed for a retail business could conceivably record a sale, check the buyer's credit, deduct the item from inventory, reorder the item if necessary, prepare accounting of the sale, and record it for market analysis--all in seconds of time.

(MORE)

2--Tech computer course

Electronic computers offer mankind three great advantages-- tremendous speed, storage and accuracy when working with complicated problems.

Mrs. Luta Eaves, who is teaching a regular course in computer uses this semester, explained the basic technical principals behind the design and (p)peration of the "brains."

"If they are 'brains', they're glorified 'morons' at best," she declared, "because they can do only what human beings tell them to do."

She went on to explain procedures for programming activities for the devices.

Displays of typical computer centers, literature and a special film attracted many faculty members during a break in the lectures.

Various technical operations and applications of computers were described by Charles B. Hanson and Stephen L. Jamison. The afternoon session was summarized by Robert M. Parker.

The session from 9 to 11:55 a.m. today will include technical (t) talks by Carl V. Siebs, Carl Powers and Jamison and a panel on computer applications at Texas Tech. Panelists will include Parker, (Arts and Sciences) Ray Billingsley, (Agriculture) Jarvis Witt, (Business Administration) Charles E. Houston, (Engineering) and Billie F. Williamson (Home Economics).

Emmett A. Hazelwood will be toastmaster at a seminar luncheon. The final session will be from 12:50 to 4:15 p.m. today. Speakers on various phases of computer uses will include Finley W. Tatum, Fred W. Norwood, Mrs. Eaves, John R. Bradford, Billingsley, Carl Powers, Jamison, Parker and Pasewark.

Giesecke will moderate a panel discussion by Jamison, Norwood, Powers and Tatum. The audience will question the panel also.

Houston will summarize the seminar and closing remarks will be made by President Jones.

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Adrian Vaughan
Department of Public Information
Texas Technological College

More than 100 solid hours of talking and some quarter of a million words will be compressed into seven hours when high schoolers from the Panhandle, South Plains and West Texas converge at Texas Tech▲ today.

Their goals will be first and second place certificates awarded by the Tech speech department for contests in debate, poetry reading, declamation and extemporaneous speaking.

The meet will provide practice for youngsters hoping to represent their schools in Interscholastic League speech contests this spring.

The contests will be separated into boys' and girls' divisions. Each school may have as many as three entries in each event. League rules will prevail otherwise.

A general session will be held at 9 a.m. in the Aggie Memorial Auditorium. Other highlights will include a luncheon honoring visitors at 12:15 p.m. in the Union Building and an awards ceremony at 5 p.m. in the Speech Auditorium.

As many as 200 youngsters may be on hand for the contest, Ronald Schulz, acting head of the Tech speech department, said.

Each visiting sponsor will be expected to serve as a contest judge at least twice, Schulz said.

###

When Jack reached the tender age of six he was sent to school -- just in time for the second semester, in fact.

Only Jack didn't go to the first grade, he went to Texas Tech. And, he's going to major in psychology, so to speak.

Jack is a monkey of the Macacus Rhesus species who has been presented to the Tech psychology department by O.L. "Iron" Head, formerly of 224 Ave. H in Lubbock, now an Amarillo resident.

Asked what kind of pet Jack was, Head exclaimed:

"Why, Jack just acts like a big old football playing boy -- but he made one touchdown too many."

He also has a penchant for making monkeys out of people. Jack is an escape artist, of sorts. On one escapade he spent about a week in Lubbock tree tops ignoring the efforts of city officials to capture him.

Jack is also a law maker. Although he has never "run" for office he's "swung" a few deals and as a result a city ordinance was passed in Lubbock requiring that all kinds of pet animals must be kept on a leash.

Head was once in the monkey business and had owned Jack since 1951. He says Jack always used to wear a child's bathrobe on cold winter nights. But he left his tail exposed one night and it was frozen --- hence Jack is the only bbbbtailed monkey in the Tech psychology collection.

Jack has become part of the department's monkey colony. The colony now has 14 Macacus Rhesus monkeys that are used by psychology graduate students in studying behavior problems, discrimination, learning and retention.

And who knows. If Jack plays his students right, he may even be promoted to the head of the monkey shines department. --36--

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --Texas Tech's student body has elected class favorites, Association of Women Students officers and a Freshman Council representative.

Senior class favorites are B. Elizabeth Wilson, secretarial administration major from (4013 Piping Rock Lane) Houston, and Jackie McAninch, animal husbandry major from Merkel.

Junior class favorites are Peggy Miller, education major from (838 Columbia) Shreveport, La., and Gerald Myers, education major from Borger.

Sophomore class favorites are Sandra Hendrix, education major from Lubbock, and Kenneth Talkington, electrical engineering major from Tyler.

Freshmen class favorites are Janie Sue Norris, marketing major from (3100 Roger Drive) Odessa, and Jerry Storseth, architecture major from (807 Palo Duro St.) Amarillo.

Lynne Benton, education major from Lubbock, was chosen off-campus representative to the Freshman Council.

Named as officers of AWS were Jean Brown, first vice-president, junior English major from Graham; Carolyn Scott, second vice-president, sophomore education major from Jal, N.M.; Marilyn Adrian, third vice-president, junior speech therapy major from (1717 Brun) Houston; and Jean Schepers, International AWS representative, sophomore education major from McGregor.

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech's German language program for elementary-school children is described by Asst. Prof. Ted Alexander, program director, in the latest issue of "German Quarterly," official publication of the American Assn. of Teachers of German.

The Tech program is designed to teach school children German at an age when they are particularly interested in language study.

Most foreign language programs begin at the high school or even the college level.

Alexander conducts a German course for students, meeting on Saturdays during Tech's Long Session. Another, more-concentrated course is offered children in the summer.

The special Tech program is now in its third year.

--30--

Lt. Col. Charles D. Scott, formerly executive officer of Air Base Group at Reese AFB, has joined the Texas Tech faculty as a mathematics instructor.

Scott has had 12 years of experience in the Air Force, serving in New Guinea, the Philippines, China and Japan. He also has taught and been an administrator in Oklahoma schools for 17 years.

He is a graduate of Ouchita College. He and his wife and daughter reside at 2411 Utica.

--30--

Adrian Vaughan
Department of Public Information
Texas Technological College

The Lubbock Lions Club is expecting 12,000 people for supper March 15.

That's when the Club will hold its seventh Pancake supper from 4 to 9 p.m. in the Lubbock Municipal Coliseum to raise money for the Lions Crippled Children's Camp, sight conservation work in Lubbock and other welfare projects.

The low price of \$.50 per stack of pancakes has made the annual supper one of the largest family social events in West Texas. Last year more than 10,000 persons attended the affair.

The event is conducted with maximum convenience because the large Lubbock Club has the manpower of at least 329 persons to cook and serve the pancakes.

Also, the Club has had a lot of experience in mass servings. Its' gold-shirted members have fed many large gatherings in the Lubbock area.

J.B. Thompson, general chairman for the supper, said the serving lines are expected to run smoother than ever this year because of plans are being laid to distribute customers evenly among a number of serving lines.

The Club owns 11 big pancake griddles that were designed especially for this one event. National and local businesses are donating many of the supplies for the affair.

In addition to serving pancakes, the Lions are readying a program of continuous entertainment for the event.

Adrian Vaughan
Department of Public Information
Texas Technological College

Junior-year coeds from Texas Tech may join women from other colleges throughout the United States this summer in sampling a new career, Col. James B. Carvey, Army ROTC commander at Texas Tech, has announced.

A College Junior Summer Training Program is offered by the Army to give college women a four-weeks' taste of Army life. Women selected will participate in a paid training program similar to that given officers in the Women's Army Corps.

Leadership, radiological warfare, civil emergencies and military intelligence are among the subjects included in the classroom work. Interesting trips and social activities are part of the program.

Carvey said that the College Junior course would be conducted at the U.S. Women's Army Corps School at Fort McClellan, Ala., for four weeks beginning July 27.

Only college women who have completed their junior year will be accepted for this training. Those who apply and are selected receive a corporal's pay of \$122 a month during the training. The Army furnishes transportation, uniforms, meals, and lodgings.

After completing their senior year those who are interested in an Army career may apply for direct commissions as second lieutenants upon graduation. However, women who attend the Army summer program are not obligated to apply for a commission.

Eligible coeds interested in the summer program may obtain further information about the program from Col. Carvey in the Military Science office, Building M-²~~2~~, at Tech.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

How the electronic genies of data computers aid research in a multitude of studies will be explained at the special seminar opening today (Friday) at Texas Tech.

More than 100 Tech faculty and staff members will participate in the Friday afternoon and Saturday sessions that anticipate the day when Tech establishes a computer center.

Electronic computer manufacturing representatives from New York City and San Francisco along with experts from throughout the state will lecture during the seminar, Dr. William R. Pasewark, professor of business education and head of the Tech data processing committee, said.

"Computers can be applied advantageously in nearly all subject matter areas of the arts, business and sciences -- including such diverse subjects as linguistic studies, music composition, and reservoir engineering studies," he stated.

The seminar formally opens at 1:10 p.m. today with a statement of the seminar's purpose by Dr. E.N. Jones, Tech president. Other sessions today are: "Automation--Scope, History, Trends" at 1:15 p.m.; "Introduction to Electronic Computers" at 1:50 p.m.; "Computers--How They Operate" at 3:05 p.m.; "Application of Computers in the Laboratory and Office" at 3:50 p.m.; and a summary at 4:50 p.m.

Saturday sessions will include demonstrations and applications of computers in science and education, plans for establishing a computer center at Tech, and discussions of computer education programs in the future.

(more)

2--Electronic Computer Seminar

Among those leading the seminar are Pasewark, Mrs. Luta P. Eaves, assistant professor of accounting at Tech; Dr. Stephen L. Jamison, regional director of International Business Machines data processing university program from San Francisco, Calif.; Carl Powers, assistant director of Remington Rand's Univac education department from New York City; Charles B. Hanson, IBM's data processing manager in Lubbock; Carl V. Siebs of IBM's electronic accounting machine division in Midland.

Also speaking here will be Prof. Finley W. Tatum, co-director of the electronic computer center at Southern Methodist University.

Others ~~contributing to the seminar~~ ~~contributing to the seminar~~ are Dr. Ernst Giesecke, academic vice-president at Tech; Dr. Ray Billingsley, assistant professor of agriculture economics; Dr. John R. Bradford, Dean of Engineering; Dr. Emmett A. Hazelwood, professor of mathematics; Dr. Fred W. Norwood, professor of accounting; Robert M. Parker, associate professor of math; Miss Billie F. Williamson, associate professor of home economics; Jarvis Witt, acting director of the West Texas Bureau of Business Research; and C.L. Tomlinson, of the Baker Co., Lubbock.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --High school juniors who show exceptional promise in science have an opportunity to apply for special tuition-free study at one of five Texas institutions this summer.

More than 100 Texas high school students will be named to participate in institutes to be held on the campuses of Texas Tech, Southern Methodist, Rice Institute, University of Texas and Texas A&M.

Students must apply through the office of their high school principal or superintendent before March 30. Final selection of students will be made by the Institutes' Directors April 14, according to J.W. Day, Tech associate professor of physics and a director.

The special institutes are sponsored by the Texas Education Agency and high schools under a Fund for the Advancement of Education grant.

Each participating institution will give approximately 25 students an intensive five-week enrichment course in mathematics of science. Outstanding faculty members and laboratory facilities are provided by the colleges and universities for the Science Institutes.

###

(LUBBOCK, Feb. --Although they're outnumbered almost three to one, it's still a woman's world at Texas Tech so far as grade-point averages are concerned.

Fall semester grade-point figures released by the Registrar's office show that Tech coeds, 2,096-strong, have an over-all average of 1.45 while 6,011 male Techsans averaged 1.16. A 1-point average equals "C".

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Experiments aimed at turning the Southwest into a "sea of grass" again are under way at Texas Tech.

That "sea" existed when settlers first came to the area, but overgrazing soon made the pastures barren and the blight of mesquite brush choked prosperity from the soil.

Several groups have a plan which slice many years from the time needed to restore thousands of brushland acres to grass-covered prairie.

They are the Tech School of Agriculture, Texas Extension Service and the Soil Conservation Service. Cooperating are agricultural equipment manufacturers.

Hopes of the groups lie in a huge bulldozer, according to Chester Jaynes, Tech agronomist supervising the project. Attached to the rear of the machine is a root plow and blowers for spreading grass seed, he said.

As the huge dozer grinds through brushland, pushing over trees with its front blade, its plow tears underneath the ground cutting mesquite and other brush roots as the blowers spray grass seed into the newly turned earth. Jaynes added.

Forty-five acres of the Tech Farms have been set aside for the three-year experiment. The three plots of 15 acres each will be given different rest periods from grazing to find just which grasses of 14 selections are best and how they should be cared for to bring about most effective restoration of the land.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

IURBOCK, Feb. --Texas Tech's animal husbandry department is meeting the challenge of housewives at the meat market who may be remarking, handsome is as handsome does" when it comes to beef steers.

Recognizing that meat at the counter and not on the hoof is the primary interest of consumers, Tech's animal department is offering a new course this year in meat grading.

Proof of the need for such a course is the judging results of the latest Chicago International Livestock Show. There the top award in beef carcass judging went to a cross-bred Shorthorn that did not place in on-the-~~hoof~~ competition.

And of the 80 beef animals given a ranking in carcass competition, 39 did not place in the live-judging.

"Judging cattle on the hoof continues to be important in the livestock industry, but available facts now clearly show the need for supplementing this with disciplined judging of carcasses," Dr. N.C. Fine, animal husbandry department head, declared.

More emphasis on meats judging should lead to improvements in on-the-hoof judging, too, Fine added.

In addition to offering the new course and a course on farm meats, the department is sponsoring a meats judging team. Teacher and coach in the program is Coleman O'Brien.

"Object of this training is to teach students to sort and grade meat so there will be a standard to facilitate trade," O'Brien pointed out. "Our program qualifies students for employment with the federal meat grading service."

###

LUBBOCK, ~~FEB.~~ --Shrubbery around your house may well take a beating this summer from the common bagworm, Dr. ~~B~~onald Ashdown, Texas Tech professor of horticulture, predicts.

The bagworm population has been building up in the past few years, Ashdown said. He pointed to the abundant evidence of the little spindle or bobbin shaped cocoon bags hanging on tips of bare branches this winter.

Damage to the plant results from the worm eating the leaves. Much damage is already done by the time the homeowner notices the thinning foliage, Ashdown stated.

He suggests that the best protection for trees and shrubs is a close watch for the small brown worm which begins to hatch about May 10. When the first to hatch get about as long as a match head then spray your plants.

Early steps to protect shrubbery may be taken now by pulling the bags off the branches and burning them. Ashdown said that spraying too early may be ineffective because of spring rains. But in any case it is best to spray before the worm matures.

The bagworm cannot spread without help. Hitchhiking is one of the favorite tricks of this little moth. As a small larva hunting adventure -- but mostly food -- he may climb aboard whenever a bird happens to perch near his abode.

If the bird takes off before the worm completes his inspection, he gets a free ride to another tree, perhaps many miles distant.

The bagworm is found throughout the Southwest.

Thyridopteryx|emphemeraeformis is the formal name for this little pest. More information about control of the bagworm may be obtained from your local county agent's office.

Adrian Vaughan
Department of Public Information
Texas Technological College

Back in the days of the ancient Greeks, Calypso was a gal who kept the guys hanging around her little island, but Lubbock will get another view of Calypso when the Massie Patterson Carib dancers appear in a free show at 7:30 p.m. in Municipal Auditorium today (Thursday).

Sponsoring the free performance of the Caribbean song and dance tonight is the Texas Tech Student Union special events committee.

Primitive musical instruments will be used in presenting the authentic program of Caribbean folk music. Syncopation of drum and chant, originated in the African Congo, will be used. Whistles, cowbells, washboards, a bottle and spoon and gourds imitating castanets will also be used to make musical sounds.

Costumes for the program are authentic West Indies dress designed by Massie Patterson, who was born and reared in the West Indies. The Carib Singers will show costumes worn by natives of Martinique, Trinidad, Tobago, Barbados, Haiti and Jamaica.

Strong African influence is shown in the group's dances which also come from Spanish, and French sources. From Haiti comes the voodoo dances "Nago" and "Yanvalou;" "The Bamboola" - from the Virgin Islands; Cuba's "Naminga" and the "Callenda" of Trinidad and Martinique.

This is the second free fine arts show the Tech Union has brought to Lubbock this season. On Nov. 15 the famed Don Cossack Chorus was presented in the Municipal Auditorium, courtesy of the Tech Union special events committee.

Adrian Vaughan
Department of Public Information
Texas Technological College

Although they're outnumbered almost three to one, it's still a woman's world at Texas Tech so far as grade-point averages are concerned.

Fall semester grade-point figures released by the Registrar's office show that Tech coeds, 2,096-strong, have an over-all average of 1.45 while 6,011 male Techsans averaged 1.16. A 1-point average equals "C."

Topping both all^{men} and all-women averages were the social fraternity and sorority groups on the Tech campus. The all-fraternity average was 1.25 for 651 members while the all-sorority average was 1.58 for 677 members.

Pi Beta Phi sorority led the Greeks with a 1.80 average and Phi Kappa Psi fraternity topped the fraternity scholarship roll with a 1.306 average.

Other sorority averages are: Alpha Chi Omega, 1.61; Alpha Phi, 1.430; Delta Delta Delta, 1.65; Delta Gamma, 1.64; Gamma Phi Beta, 1.47; Kappa Alpha Theta, 1.72; Kappa Kappa Gamma, 1.54; Sigma Kappa, 1.435, and Zeta Tau Alpha, 1.426.

Other fraternity grade averages are: Alpha Tau Omega, 1.305; Delta Tau Delta, 1.23; Kappa Sigma, 1.22; Phi Delta Theta, 1.301; Phi Gamma Delta, 1.29; Pi Kappa Alpha, 1.17; Sigma Alpha Epsilon, 1.24; Sigma Chi, 1.300, and Sigma Nu, 1.15.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --Texas Tech will be host Saturday (Feb. 22) for a high school speech meet attracting students from the Panhandle, South Plains and a large part of West Texas.

More than 200 youngsters will compete in declamation, extemporaneous speaking, debate and poetry reading. Tech's sponsoring speech department will award certificates to first and second place winners.

Asst. Prof. Ronald Schulz, who is in charge of arrangements, said there will be no contest divisions according to school enrollments unless there are at least six entries within an Interscholastic League enrollment classification.

The contests will be separated into boys' and girls' divisions, however, he added. Each school may have as many as three entries in each event. League rules will prevail otherwise.

The Tech speech meet provides practice for students expecting to represent their schools in League speech contests this Spring.

A general session for explaining contest procedures will be held at 9 a.m. Saturday in the Aggie Memorial Auditorium. Other features will include a 12:15 p.m. luncheon for visitors in the Tech Union Building ballroom and a 5 p.m. awards ceremony in the Speech Auditorium.

Each visiting sponsor will be expected to serve as a contest judge at least twice, Schulz said.

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GIESECKE INTERVIEW

NASH: -- THERE'S A LOT OF DISCUSSION ABOUT EDUCATION THESE DAYS, DR. GIESECKE, AND I'D LIKE TO ASK YOU SOME QUESTIONS ABOUT THE ISSUES IN ALL OF THIS DISCUSSION. FIRST, WHAT DO YOU CONSIDER THE BIG ISSUES IN EDUCATION TODAY?

GIESECKE: THERE ARE MANY, OF COURSE, BUT TWO SEEM TO STAND OUT ABOVE ALL OTHERS. THE FIRST IS: WHO SHALL GO TO COLLEGE? OUR TRADITIONAL ANSWER HAS BEEN "EVERYONE WHO HAS THE ABILITY AND DESIRE." IN DISCUSSING THIS, USUALLY ONLY ~~ONE~~ ONE OF TWO IMPORTANT QUESTIONS IS RAISED. NAMELY, CAN WE AFFORD TO CONTINUE THIS PHILOSOPHY WHICH PROVIDES EVERYONE WITH THE OPPORTUNITY TO GO AS FAR AS HE CAN? AS IMPORTANT AS THIS IS, THE AMERICAN PEOPLE DARE NOT FAIL TO ASK A SECOND QUESTION, BEFORE THEY DECIDE WHAT THEY WANT. NAMELY, CAN WE AFFORD NOT TO PROVIDE EVERY CITIZEN WITH THE OPPORTUNITY TO DEVELOP HIS TALENTS TO THE FULLEST?

NASH: WHAT DO YOU CONSIDER THE SECOND MAJOR ~~ISSUE~~ EDUCATIONAL ISSUE FACING THE AMERICAN PEOPLE TODAY?

GIESECKE: I WOULD SAY IT WAS CRYSTALLIZED FOR US A FEW MONTHS AGO WHEN WE FOUND ALL OF A SUDDEN THAT WE WERE IN THE SPACE AGE. IT CAME AS SOMETHING OF A SHOCK TO REALIZE THAT ANOTHER NATION WAS AT LEAST OUR EQUAL IN MAKING USE OF EXISTING KNOWLEDGE OF THE LAWS OF NATURE. SPUTNIK SHOWED US THAT, IF WE ARE TO MAINTAIN OUR POSITION OF LEADERSHIP, OUR SKILL IN UTILIZING EXISTING FUNDAMENTAL KNOWLEDGE ALONE MAY NO LONGER BE AN ADEQUATE SAFETY FACTOR. I THINK THAT IS THE SECOND MAJOR ISSUE FACING US, BOB.

NASH: WHAT ALTERNATIVE DO WE HAVE?

GIESECKE: THE ALTERNATIVE OF DEVOTING A MUCH GREATER SHARE OF OUR ENERGY AND OUR WEALTH TO THE SEARCH FOR NEW FUNDAMENTAL KNOWLEDGE. AS A NATION WE HAVE LONG HAD SURPRISINGLY LITTLE INTEREST IN THE FINDING OF FUNDAMENTAL KNOWLEDGE THROUGH BASIC RESEARCH. WE HAVE ~~BEEN CONTENT~~ BEEN CONTENT TO APPLY THE FUNDAMENTAL DISCOVERIES MADE BY OTHERS TO PRACTICAL ENDS. IT'S AS THOUGH WE ~~WAS~~ ^{HAVE} BEEN DRAWING ON A BANK ACCOUNT TO WHICH OTHERS HAVE MADE DEPOSITS.

NASH: YOU ARE MAKING A DISTINCTION BETWEEN PURE AND APPLIED SCIENCE, I SEE. CAN YOU ILLUSTRATE THIS DIFFERENCE?

GIESECKE: YES, FOR EXAMPLE, THE FUNDAMENTAL DISCOVERIES CONCERNING THE ATOM WERE MADE IN EUROPE DURING THE ~~IN~~ 1930'S. PLANCK AND EINSTEIN ARE TWO NAMES THAT COME TO MIND. WE TOOK THOSE IDEAS AND APPLIED THEM TO THE OBJECTIVE OF MAKING THE ATOM BOMB AND LATER TO THE OBJECTIVE OF APPLIED PEACETIME USES. THE POINT IS THAT WE HAD TO BORROW THE BASIC IDEAS. WE HAD NOT FOUND THEM OURSELVES.

NASH: WHAT DOES THIS HAVE TO DO WITH OUR CONCERN OVER EDUCATION?

3--GIESECKE INTERVIEW

GIESECKE: JUST THIS. WHEN SPUTNIK PRESENTED EVIDENCE THAT OTHERS COULD BE JUST AS SKILLFUL ADAPTERS AS WE, THAT DROVE HOME THE FACT THAT TO REGAIN OUR SUPREMACY WE MUST LEARN TO EXCELL IN THE SEARCH FOR NEW, BASIC KNOWLEDGE. WITH THE BEGINNING OF THE SPACE AGE, WE HAVE BEGUN TO QUESTION WHETHER OR NOT OUR EDUCATIONAL SYSTEM ^{IS} ADEQUATE TO PRODUCE THE HIGHLY SKILLED, HIGHLY TRAINED, TOUGH MINDS THAT IT TAKES TO KEEP ROLLING BACK THE LIMITS OF IGNORANCE. IN OTHER WORDS, ARE WE PRODUCING THE KIND OF MINDS--IN THE QUANTITY WE NEED--TO MAKE THE NECESSARY DEPOSITS TO THE BANK ACCOUNT I SPOKE OF WHILE AGO? THAT, I THINK, IS THE SECOND MAJOR ISSUE FACING US, BOB.

NASH: WHAT SIGNIFICANCE DOES THIS SECOND MAJOR ISSUE HAVE FOR THE AMERICAN PEOPLE?

GIESECKE: VERY BRIEFLY, THIS. IT MEANS THAT THE AMERICAN PEOPLE MUST LEARN TO PLACE AS MUCH VALUE ON MENTAL SELF-DISCIPLINES AS WE NOW PLACE ON PHYSICAL EXCELLENCE OF THE YOUNG MEN WHO ARE PLAYING SUCH SPLENDID BALL HERE THIS EVENING.

NASH: WHAT CONSEQUENCES DO YOU SEE IN THESE THINGS FOR TEXAS TECH?

4--GIESECKE INTERVIEW

GIESECKE: INEVITABLY TEXAS TECH MUST BECOME MORE HEAVILY COMMITTED TO GRADUATE STUDY AND RESEARCH, BOB. IT IS AT THE GRADUATE LEVEL WHERE THE YOUNG MAN OR WOMAN FINALLY LEARNS TO WALK DOWN THE LONELY YET ADVENTURESOME ROAD OF THE SEARCH FOR NEW KNOWLEDGE. ALL EDUCATION THAT PRECEDES GRADUATE STUDY HAS THE RESPONSIBILITY, HOWEVER, TO MAKE CERTAIN THAT THE RIGHT PERSONS GET TO THAT LEVEL WITH GOOD EQUIPMENT AND WITH THE WILL TO TACKLE A TOUGH JOB.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LUBBOCK, Feb. --Hybrid grain sorghums will make up 90 percent of that crop's production within the next 10 years, increasing income from it by millions of dollars, a six-man panel predicted at Texas Tech.

The panel appeared at the fourth annual grain drying and storage conference held (Thursday and Friday, Feb. 20-21) at Tech.

The group also made the following predictions regarding grain sorghum hybrids:

They will be made more drouth resistant and palatable and will have better uniformity of quality.

Success with their production will stimulate seed and fertilizer sales and cause expansion of handling, storage and transportation facilities.

That success also will spur research leading to varieties adapted to the shorter growing season of the Midwest corn belt and to the more humid climate of Central and South Texas.

Their development as a "surer" crop will make lending agencies more receptive to helping farmers get into production.

These results will spur research into hybrids of all kinds.

Panel participants were Dr. N.W. Kramer, Jim Lindsey, and Archie Campbell, Lubbock; Delmar G. "Bill" Nelson, Amarillo; Dr. Johnny H. Davis, Halfway; and Dr. Clark Harvey, Tech.

More than 250 persons from Texas, Oklahoma and New Mexico attended this year's conference, which included technical talks by 29 specialists. The conference elected 15 directors to plan the 1959 meeting.

Directors are W.S. [redacted] station: F.W. Rabe, Dallas;
J.R. Brown Dimmitt; Ben [redacted] orth: Will Schroeder, Fred Dines,
Nelson and Sam Thomas, Ama [redacted] alker, Abilene, and the
following from Lubbock:
F.N. Robinson, Campbell; Donald Tusha; Gene Lynn, Paul Furr and
Ira L. Williams son, Campbell; Donald Tusha; Gene Lynn, Paul Furr and

INTERVIEW

I'D LIKE TO ASK YOU SOME QUESTIONS ABOUT THE CURRENT CRISIS IN EDUCATION AND HOW YOU THINK IT WILL AFFECT THE BOYS AND GIRLS AND THE YOUNG PEOPLE IN SCHOOL TODAY.

FIRST, HOW WOULD YOU DEFINE THIS CRISIS? (ONE--ABILITY TO DISCOVER NEW KNOWLEDGE; TWO--EDUCATING EVERYONE WHO WANTS A COLLEGE EDUCATION.)

WOULD YOU EXPLAIN WHAT YOU MEAN BY THE NEED FOR NEW KNOWLEDGE?

IS THIS CHANGING THE CHARACTER OF TEXAS TECH? (YES, BECOMING MORE AN UPPER DIVISION AND A GRADUATE INSTITUTION.)

WILL THIS AFFECT TECH'S RELATIONS WITH OTHER INSTITUTIONS?
(COORDINATION WITH JUNIOR COLLEGES, PUBLIC SCHOOL SYSTEMS.)

HO

HOW MANY PEOPLE DO YOU THINK WILL BE SEEKING A COLLEGE EDUCATION BY 1970?

OBTAINING, THIS LEADS INTO THE SECOND PHASE OF THE CRISIS WHICH YOU MENTIONED. LET ME ASK YOU THIS--

WHAT CAN PARENTS AND YOUNG PEOPLE DO NOW TO PREPARE FOR THE DAY WHEN THE YOUNGSTERS GO TO COLLEGE?

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBROCK, --Seven Texas newspapers are owned or co-owned and published by graduates of Texas Tech's journalism department, according to a survey made to commemorate this year as the department's 25th anniversary.

The survey was conducted in compiling a record of the department's 365 graduates since 1933. The facts are being used by the newly formed Journalism Ex-students Assn.

Newspaper owners or publishers include: Loyd Glover, Pharr; Robert L. Read, Silsbee; Forrest Weimhold, Levelland; Wayne Kittley, Kerens; Bob Weddle, Menard; Gene Alford, Dumas; and Bill Latson, Commerce.

A total of 43 per cent of the 305 graduates whose records have been completed are in some related field of journalism. Of the 56 in actual newspaper work, 29 held an editor's title. Five are managing editors, three news editors, six city editors.

Others have duties in telegraph editing, makeup, copy editing, amusements, sports, oil, farm, and society. The other 27 are reporters, columnists, newspaper ad salesmen, photographers, mechanical department employees and a business manager.

Graduates in related fields now include 22 in public relations; 24 working with high school publications and three college journalism teachers; nine engaged in magazine work; two working for major wire services, four in other advertising fields; six in radio-television four in commercial photography; one print shop owner. Five are engaged in graduate study.

Of the 161 women, 123 are at present homemakers, seven of them wives of newspaper men. Forty-eight of the homemakers, had journalistic experience after graduation.

(MORE)

2--journalism exes

Those presently employed include a lawyer; a story analyst for a motion picture company; two free lancers; a Girl Scout executive; associate editor of a trade magazine; air base historian; two office managers; four in business for themselves; and six in secretarial or stenographic work.

Most unusual occupations for college training in journalism are as weather bureau manager, librarian, coach, school principal, oil lessor. Three graduates are attorneys, one a cotton buyer and one the operator of an employment service.

Those who are self-employed cover such widely diversified fields as a minute car wash, plumbing and heating, contracting, tire and auto sales, groceries, farming, statistical service, service station and insurance agency.

Twenty Tech graduates chose journalism as a minor while in college. Twelve of these have gone into some related field of journalism, seven are homemakers, one a Boy Scout executive, and one a professor of philosophy.

Other prominent exes of the journalism department and the Texas Tech publications include these Texas newspaper men: James L. Lindsey, managing editor of the Midland Reporter-Telegram and a member of Tech's board of directors; Ben Oglesby, co-owner of the Bronte Enterprise; Curtis Sterling, publisher of the Brownfield News; Carl Hyatt, co-owner of the Commerce Journal; C.W. Ratliff, associate editor of the Avalanche-Journal publications; and Nolan Porterfield, general manager of the Lamesa Daily Reporter.

Two Texas radio station managers are exes: Clint and Marshall Formby, manager and owner, respectively, of KPAN in Hereford and KVOP in Plainview. The latter is also chairman of the State Highway Commission.

(more)

3--journalism exes

A.J. Bishop Jr. of Winters, representative for the 77th district in Austin, and Gordon Hanna, managing editor of the Memphis (Tenn.) Commercial Appeal, are in the list.

Harry Montgomery, first editor of the campus newspaper, The Toreador, is assistant to the publisher of the Phoenix (Ariz.) Republic-Gazette. Bob Rooker is an assistant in the Associated Press office at Santa Fe; and Burgess Dixon is editor of the Mississippi Farm Bureau cooperative news.

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MAILING SCHEDULE FOR Feb. 23-March 1

Day	Name of Story	A	B	C	R	WS	Explanation
Mon.	Gen. Guy S. Meloy Jr., Tech visits	X					U.S. Army (4th) PIO
	District Speech Winners						HT'S
	Secretaries Seminar	X	X				
Tues.	Landscape design projects	X					HT's and Dallas
	Dr. Dooley Lecture	X			X		Lamesa, Levelland, Snyder, and Big Spring
Wed.	Jack Holland, BSO Retreat	X					5 graphs to Austin, & Alamogorda, Pix Toredor
	"Maintenance Spending" Charles Libby	X	X				
	Honor Roll, Fall Semester	X					HT's
	former William R. Bruso, Tech Stud.	X					
	Dr. Ramon W. Kireillis Study of Health Education	X					
	Dr. Ag Chemical Conference, Lewis	X	X				
Thurs.	Ag. Chemical Conf. Dr. Lewis			X			
	Tech New Registration Policy		X	X		XX	
	Hybrid Grain Sorghums			X			
	Ag Chemical Conference		XX				Farm Editors
Fri.	Religious Emphasis Week	X				X	6 graphs to Fort Worth, & Austin.
	Ag. Commissioner, John White	X	X			X	Farm Editors
	Tech Newcomers Club	X					
	Agronomy Club Banquet	X					
	Rifle Meet	X					
Sat.	AWS Officers & BA representative	X					HT'S
	Delta Sigma Pi initiates	AJ					HT'S
	Sigma Chi initiates	AJ					HT'S=
	Hat Making Short Course	X					Pix to AJ
	Texas Council of Dr. Knowles- Family Relations	X					
	Religious Emphasis Week	X					
	Boy Scout Exposition	X					

Lubbock Municipal Auditorium will become a giant show case Saturday (March 8) for the best of South Plains Boy Scouting in 1958.

Some 6,000 Scouts and Cubs and 1,200 adult leaders from 20 counties will construct 138 booths displaying Scout crafts and other activities.

More than 30,000 visitors are expected to view exhibits on such things as boat building, astronomy, wildlife management, and civil defense.

Also included will be an Indian village, and booths on puppets, crafts for gifts, fingerprinting, canoeing, making of camp equipment, signalling, and many other Scout and Cub projects.

The booths will be set up in the passageway encircling the Coliseum arena. Inside the arena will be such special shows as Indian dances and trampoline acts. Free rides will be given on a miniature train that winds around the arena.

There will be two shows--from 2 to 4:30 p.m. and from 7 to 9:30 p.m. Exposition tickets at \$.50 each, are being sold by Scouts and Cubs. Tickets also will be available at the Coliseum during the shows.

Each of the exhibits will be examples of work done by troops and packs sponsored by specific organizations--churches, schools, civic clubs and other groups.

Scouting officials emphasized that their program is carried out voluntarily by such organizations which provide a sound basis for youth activities.

FOR MONDAY A.M.

Is there a plot to the human drama?

Dr. John P. Newport will give his answer to that question in the first feature lecture of Texas Tech's annual Religious Emphasis Week, beginning today (March 3) and continuing through Thursday.

The theologian-philosopher from Southwestern Baptist Seminary in Fort Worth will speak at 7 p.m. in the Tech Union Building ballroom.

In his first lecture, Newport, who has studied under some of the outstanding religious leaders of Europe as well as this country, will discuss religion in its broad scope.

He also will give his views on the resurgence of the great world religions and on Western philosophical and ideological alternatives such as Spanglerism, Marxism, inevitable progress and American materialism.

Newport's opening talk will close with emphasis on the importance of re-examination of the glory and relevance of the Hebrew-Christian heritage.

Other lecture topics in his series this week are "Dr. Jekyll and Mr. Hyde," at 10 a.m. Tuesday, "Living in Two Worlds," at 8 p.m. Wednesday, and "Something Gets Everyone. What Will Get You?" at 7 p.m. Thursday--all in the Union Building ballroom.

Religious Emphasis activities are scheduled to begin at 7:30 a.m. with morning watch services conducted at the Baptist Student Center by the Rev. Thomas R. Miller, rector of St. Christopher's Episcopal Church here, and at the Methodist Student Center by the Rev. Morris Bratton, assistant director of the Wesley Foundation at Austin.

(more)

The next scheduled events today are 4 p.m. seminars. Mrs. Roy Bass of Lubbock will be moderator for a Union ballroom lounge discussion of "Courting for Keeps." Carolyn Reynolds will preside.

At the same time, Bratton will lead a seminar on "One Life to Live" in the Union work room, with Kathy White presiding.

Seminars at 5 p.m. will include "A Career for Christ Now," led by Dr. W.F. Howard of Dallas in the ballroom lounge, with Derry Harding presiding, and "My Vocation--Today and Tomorrow," conducted by Dr. Jack Ward Bates of Lubbock in the work room. Steve Noble will preside.

Vespers are scheduled at 5:10 p.m. in the Christian Student Center, with Chaplain Sheldon E. Hermanson of Craig AFB, Ala., in charge.

Other vespers will be conducted at 6:30 p.m. in the Baptist Student Union by Howard and at 6:40 p.m. at the Church of Christ Bible Chair by Bates.

Don Smith will preside during the main service at 7 p.m. in the ballroom. Invocation will be by the Rev. J. Edmond Kirby, and special music by Miss Billie Wolfe. James G. Allen, dean of student life, will introduce Newport. Benediction will be by Dr. A.W. Young.

"Bull sessions" are scheduled at 10 p.m. in Horn and Knapp Halls, with Bates in charge at Horn and Hermanson at Knapp.

Religious Emphasis Week is sponsored annually by the Tech Student Religious Council.

Adrian Vaughan
Department of Public Information
Texas Technological College

Should milady like to make her own Easter chapeau this spring, she has an opportunity to learn how at a special millinery short course offered by the Texas Tech Home Economics Club and Phi Upsilon Omicron, honorary home economics society.

The short course in hat making will be taught March 10 through March 14 by Mrs. Patsy Schneider of Mineral Wells who is widely known for her millinery achievements.

Special classes will be conducted from 9 a.m. to noon March 10-11 and from 8 a.m. to noon on March 12 for women living away from Lubbock.

Other classes will meet from 3 to 5 p.m. and 7 to 9 p.m. on Monday through Friday in Room 105 of the Home Economics building. The course fee is \$10 for ten hours of instruction. One may attend any of the morning, afternoon or evening sessions or part of each.

Reservations must be made by Wednesday, March 5. More information may be obtained by calling POrter 5-8541, extension 314, or PO 2-3194.

--30--

Dr. Elmer Knowles of Texas Tech participated in the annual meeting of the Texas Council on Family Relations, held Saturday (March 1) at Mary Hardin-Baylor College in Belton.

Knowles heads the child development and family relations department in Tech's School of Home Economics.

--30--

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Delta Sigma Pi, professional business fraternity at Texas Tech, has initiated 21 new members.

An overall 1.25 (C) grade point average is required of the initiates.

Initiates include:

Bellaire--Norman Dreyer, junior accounting major.

Chandler, Ariz.--Gene Dougherty, senior personnel management major.

Dallas--Jim Hulbut, junior management major (4432 Druid).

Goldsmith--Charles Terrell, senior personnel management major.

Lampasas--Maynard Snell, sophomore management major.

Lone Star--Charles R. Shuttlesworth, personnel management major.

Lubbock--Frank Clover, sophomore accounting major; Doyle Conine, sophomore accounting major; Loyd Cunningham, freshman accounting major; Jerry Hosticks, junior finance major; Wallace McAfee, junior finance major; John W. Morrisset, sophomore industrial management major; Delwin D. Renfroe, freshman accounting major; Richard K. Robinson, sophomore in business administration; Billy Small, freshman in business administration; and Dan Gomes, sophomore public administration major.

McKinney--Bob Carrell, junior industrial management major.

Morton--Worth Marshall, junior finance major.

Odessa--Bob D. Rose, junior marketing major (3714 Bowie).

Pecos--Glenn Reynolds, junior accounting major.

San Angelo--Mervin Dierschke, junior management major (Wall Rt.)

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Adrian Vaughan
Department Of Public Information
Texas Technological College

LUBBOCK, March --Sigma Chi, national social fraternity at Texas Tech, has announced the initiation of the following men:

Austin--Jim Kirkwood, junior personnel management major (1901 West 38th).

Fort Stockton--David Lamberth, sophomore chemical engineering major.

Fort Worth--Scott Turner, sophomore chemical engineering major (1824 Montclair).

Garden City--Ronald Osterbuhr, junior geology major.

Hereford--Don Zimmerman, sophomore industrial engineering major.

Houston--Jerry Ward, junior chemical engineering major (7131 Keller).

Laredo--John Gordon, sophomore petroleum engineering major.

Lawn--Jack Aldridge, sophomore education major.

Lubbock--Terry Scarborough, junior park management major, and Bob Sikes, junior electrical engineering major.

Midland--Charles Lovering, junior petroleum engineering major (2310 Cuthbert St.), and Angus Smith, sophomore advertising major (3212 West Michigan).

Monahans--David Cobb, senior education major.

Odessa--Gene Willis, freshman accounting major (81st Skyline Dr.).

Pecos--Jess McIlvain, senior architectural design major (501 South Elm).

Saint Jo--Nelson Berry, sophomore in business administration.

San Angelo--James E. Willis, senior industrial management major (1410 South Jackson).

San Antonio--Carlos Coon, sophomore mechanical engineering major (Rt. 11, Box 53).

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Officers for the Association of Women
Students at Texas Tech and a Business Administration representative
to the Student Council have been elected.

Barbara McDougal, junior pre-medical student from Abernathy,
was chosen president of AWS.

Other officers named were Kathy White, secretary, sophomore
home economics education major from Lubbock; Cora Jean McMurtry,
treasurer, junior foods and nutrition major from Graham, and Mary
Etta McDuffie, reporter, sophomore government major from Sherman.

Linda Bunger, sophomore in business administration, was named
Business Administration representative to the Student Council.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LUBBOCK, March --Texas Agriculture Commissioner John C. White will be a featured speaker at the certified seed growers' annual meeting Friday and Saturday, March 7-8, at Texas Tech.

White will address a banquet at 7 p.m. Friday in the Tech Union Building.

Various aspects of hybrid grain sorghums will be featured in most of the talks, with seed regulations, 1958 cotton, and plant diseases also receiving attention at the Aggie Memorial Auditorium sessions.

The meet will open at 1:30 p.m. Friday with a welcome from Tech Agriculture Dean W.L. Stangel. Jim Lindsey of Lubbock, president of the Texas Certified Seed Producers, will speak on use of winter-grown test plots in merchandising hybrid sorghums.

Dr. Lee Coffey, Texas A&M agronomist, will comment on new varieties and on winter test plots.

Current rules and regulations on seed will be discussed by a representative of the State Seed and Plant Board. Dr. N.W. Kramer of Lubbock, Texas Experiment station agronomist, will discuss hybrid sorghums.

The final session will open at 8:30 a.m. Saturday with a film on hybrid sorghums.

Ellis Taylor of Plainview will speak on trends in use of hybrid sorghum seed. D.G. "Bill" Nelson of Amarillo will talk on potential utilization of sorghum grain and a representative of the Texas Agricultural Extension Service will describe the Texas Hybrid Grain Sorghum Contest.

Cotton for 1958 will be discussed by Dr. J.D. Bilbro of the Texas Experiment Station at Lubbock. Dr. H.E. Smith, plant pathologist with the Texas Extension Service at College Station, will talk on plant diseases. The meet will close with a business meeting.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

New styles for mother and daughter in the campus whirl will be featured at the March meeting of the Tech Newcomer's Club at 8 p.m. Monday night.

The style show will be held in the home of Mr. John R. Bradford, 3112 42nd, with clothes furnished by Coe's women's store. Mrs. John E. Ranne is in charge of arrangements.

Newcomer's Club members participating as models in the evening's program are Mrs. John Reese and Linda, age 18-months; Mrs. John Guilds and daughters Carolee, 7, and Reba, 4; Mrs. William McMinn, Mrs. Nelson Longley, Miss Paula Wilkerson and Miss Janis Wilkerson.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech's intercollegiate crops judging team, which was a close second in national and international meets this academic year, will be honored at the Agronomy Club's annual banquet today (March 1).

Also to be recognized at the 7 p.m. dinner in the Tech Union ballroom will be two leaders in agriculture who will receive honorary memberships in the Club.

Principal speaker will be Dr. David M. Vigness, associate professor of history who has returned this semester from a Fulbright teaching assignment in Santiago, Chili.

Dean Rea, senior from Bushland, will be master of ceremonies for the dinner.

Oklahoma State University judges finally overtook Coach Cecil Ayers' team this year after the Techs had won six consecutive national titles and five straight international championships.

At that, the Tech team lost in the international meet by only 8 points, scoring 5,033.8 points to Oklahoma State's 5,041.8. The competition ended in similar fashion at the national contest.

Tech crop judges for this academic year are Charles L. Moore, Lohn; Don Smith, Weinert; Delbert Hess, Loraine; and Wayne Richardson, Quanah.

###

A five-man small-bore ROTC rifle team from Texas Tech will complete firing at the annual Southwest Invitational Rifle Meet sponsored by Texas Western University that ends today (Saturday) in El Paso.

Representing Tech are Harold Conway, J.B. Copeland, John T. Tiano, James I. Mays and Tom Bacon. Faculty sponsors with the team are Col. James B. Carvey, Army ROTC commander at Tech, and Sgt. Michael Modis, team coach.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Texas Tech will turn its attention to the place of religion in college life Monday through Thursday.

Dr. John P. Newport of Fort Worth and a team of eight other visiting speakers will develop the theme, "The Logic of Belief," in a series of Religious Emphasis Week lectures, seminars, special services and group discussions.

Newport is professor of philosophy of religion at Southwestern Baptist Theological Seminary. He will deliver principal lectures of the REW program at 7 p.m. Monday, 10 a.m. Tuesday, 8 p.m. Wednesday and 7 p.m. Thursday in the Tech Union Building ballroom.

Joining Newport each day in classroom lectures, 4 and 5 p.m. seminars, morning watches, evening vespers, and other services will be:

Dr. Jack W. Bates, Lubbock Christian College dean; the Rev. Morris Bratton of Austin, assistant director of the Methodists' Wesley Foundation there; and the Rev. Thomas R. Miller, rector of St. Christopher's Episcopal Church in Lubbock.

Others are Chaplain (1st Lt.) Sheldon E. Hermanson of Craig AFB, Selma, Ala.; Dr. W.F. Howard of Dallas, director of student work for the Texas Baptist Convention; the Rev. David Zacharias, Westminster Presbyterian Church, Lubbock; Mrs. Galen Carr, former Methodist missionary, Lubbock, and Mrs. Roy Bass, Lubbock.

Each of the visiting speakers will be available for personal conferences.

Newport has spoken to youth and college meetings in most Southern and Southwestern states. He can speak of student activities from first-hand experience, having been a member of football, basketball and debate teams and school annual editor at William Jewell College.

(MORE)

After receiving his bachelor's degree there, he obtained master's and doctoral degrees from Southern Baptist Theological Seminary in Louisville, Ky., and an additional doctorate from the University of Edinburg, Scotland.

He also has studied at the Universities of Basel and Zurich in Switzerland, Tulane University, Union Theological Seminary, and Columbia and Tulsa Universities.

Newport has been minister of churches in Mississippi, Kentucky and Oklahoma. He has been professor and director of graduate studies in religion at Baylor University and associate professor of New Testament and philosophy of religion at New Orleans Baptist Theological Seminary in addition to his teaching at Southwestern.

Twenty-three students have been serving on eight committees which are responsible for the planning and carrying out of this year's Religious Emphasis Week at Tech.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LURBOCK, Feb. --Insects are in for a drubbing if farmers and ranchers take the advice of specialists who spoke at the fifth annual Texas Tech agricultural chemicals conference sessions held Thursday.

A consistent, year-after-year, insect control program was called for by Dr. H. G. "Johnnie" Johnston of the National Cotton Council's production and marketing division.

"Rapidly changing production practices -- the short growing season on the High Plains and the ever-increasing basic need for lower cost of production and better quality of cotton -- all of these factors have created a tremendous demand for effective insect control," he said.

Johnston said insect control must be aimed at reducing damage to a bare minimum, not used as a salvage operation when peak infestations threaten. Many insecticides are effective if properly used, but none will do an effective job if used haphazardly.

Because early maturity of cotton is important on the High Plains, early season control of thrips, fleahoppers and other pests is important to obtain early fruiting, he said. For this reason, a blanket control program for thrips and fleahoppers every year will be profitable, he advised.

Dr. Alan Weise of the Southwestern Great Plains Field Station at Bushland, Tex., told of successful experiments using the 2,4-D chemical for effective weed control on local crops and rangelands.

(MORE)

Deferred grazing must accompany an effective brush control program, he emphasized and pointed out that mesquite growing in fields next to crops can cost money.

"One mesquite uses enough water to produce \$9 worth of cotton," he stated. "It takes five-cents worth of 2,4-D to kill a mesquite."

Young beef steers won't have to do quite as much running from the worrisome heel fly if ranchers use a new systemic insecticide developed by Dow Chemical Co.

Dr. Burnett Truchelut, Dow Chemical research and development physiologist from Lake Jackson, Tex., told those attending the Tech meeting that Dow's ET-57 or Trolene is an effective method of treating animals internally for insects both inside and outside the body.

The chemical is mainly helpful in controlling cattle grubs that, as larvae, travel within the animal's body discoloring commercial meat and causing holes in the hide when they emerge.

Truchelut pointed out that meat packers have to "trim out" meat discolored by the larvae trail and lose as much as \$10,000 weekly on meat trimmed from cattle formerly infested with grubs. The value of hides is also greatly lessened by holes caused by the emerging grubs. These losses are passed on to the grower, he said.

He advised applying Trolene to cattle as soon as heel fly activity has ceased or after they've laid their eggs. One oral dose is all that is necessary for healthy animals.

The physiologist noted that while internal medication for external disease is not new for humans, it is a new idea for controlling insect damage to cattle.

Attending were 196 farmers, ranchers, and ag chemical dealers representing ten states in addition to Texas. Other states represented were Delaware, Michigan, New Mexico, Louisiana, Mississippi, Arkansas, Colorado, Tennessee, Missouri and Oklahoma.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBROCK. --Texas Tech's new policy giving registration priority to students according to grade averages will not apply to freshmen entering for the first time next fall, Dr. E.N. Jones, Tech president, has announced.

Dr. Jones emphasized that the new policy, which goes into effect next September, in no way limits enrollment at Tech. The policy's purpose is to give the students with better grades priority in obtaining the classes they should have.

"This merely means that students with lower grades may have to wait to get the courses they originally intended to take," Dr. Jones explained. "There will be other courses which such students can take and apply to their degree programs, if they pass."

"The significance of the new policy lies in the fact that it encourages and aids the better students who are so urgently needed by our nation, particularly in these times," he added.

Dr. Jones pointed out that the admission of entering freshmen next September will be under the same conditions that prevailed last September.

"In fairness to all entering freshmen, we want to have a record of how each performs under Texas Tech standards before he or she becomes eligible for registration priority," he said.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LUBBOCK, Feb. --Hybrid grain sorghums will make up 90 per cent of that crop's production within the next 10 years, increasing income from it by millions of dollars, a six-man panel predicted at Texas Tech.

The panel appeared at the fourth annual grain drying and storage conference held (Thursday and Friday, Feb. 20-21) at Tech.

The group also made the following predictions regarding grain sorghum hybrids:

They will be made more drouth resistant and palatable and will have better uniformity of quality.

Success with their production will stimulate seed and fertilizer sales and cause expansion of handling, storage and transportation facilities.

That success also will spur research leading to varieties adapted to the shorter growing season of the Midwest corn belt and to the more humid climate of Central and South Texas.

Their development as a "surer" crop will make lending agencies more receptive to helping farmers get into production.

These results will spur research into hybrids of all kinds.

Panel participants were Dr. N.W. Kramer, Jim Lindsey, and Archie Campbell, Lubbock; Delmar G. "Bill" Nelson, Amarillo; Dr. Johnny H. Davis, Halfway; and Dr. Clark Harvey, Tech.

More than 250 persons from Texas, Oklahoma and New Mexico attended this year's conference, which included technical talks by 29 specialists. The conference elected 15 directors to plan the 1959 meeting.

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LUBROCK--Farmers of the United States produce twice as much today as did their grandfathers and with a third less help -- and they'll continue to do even better in the future.

That's the prediction of Dr. R.D. Lewis, director of the Texas Agriculture Experiment Station at College Station, who outlined the interdependency of agriculture and industry at Texas Tech this week.

Speaking before more than 150 farmers, ranchers and dealers attending the fifth annual agricultural chemicals conference at Tech, Lewis declared "we have tended to sell agriculture short" in failing to remember that a large part of the agricultural industries are dependent on the products of 12 per cent of the U.S. population living on the farms.

Lewis pointed out that:

1. Since 1910, farmers of the U.S. have doubled their total output; tripled their output per man hour; and are now operating their farms and ranches with a third less man-power.

2. Since 1940, the output per farm worker has increased by 83 per cent -- as contrasted with an average increase of only 38 per cent in other industries.

3. The ability of the American farmer to adopt and use research through education is the reason for the increased production.

He asserted that the tremendous technological advances in agriculture have made available nearly 90 per cent of the nation's labor force in off-the-farm industries.

(MORE)

2--Ag chemicals conference

If farmers today farmed as they did in 1940, the consumers would pay at least \$13 billion more annually for food, Lewis stated. Consumers would pay at least \$2 billion more a year for food if farmers used fertilizers today as they did in 1940.

Dr. Lewis also called for more research for agriculture after pointing out that non-agricultural industries used an average of \$2 per \$100 of sales for research while research for agriculture was allotted 50 cents per \$100 of sales.

He suggested future research to effectively utilize market outlets and develop new crops for industrial use. Consumer preferences, market needs and potentials should also be an object of research, he said, along with practices for management of basic resources of soil, water, range and forests.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

Dr. Ramon W. Kireillis of Texas Tech is a member of a national committee that has completed a study of health education in elementary and secondary schools.

The study is reported in proceedings of the third international conference on health education, held at Rome.

In the study, the committee reminds that the primary responsibility for a child's health rests with the family. But families, schools and community agencies must work together if future citizens are to achieve optimum health, it declares.

The report also makes the following points:

To emphasize the concept of shared responsibility for the health of children, curriculum planning in health education should be a co-operative effort of educators, parents, representatives of community health and welfare agencies, and the children themselves.

In every community the opportunities for school-community co-operation are great but the "machinery" often is lacking. If schools have a health coordinator and a health council, few of those opportunities should be missed.

The whole school program should be considered when its part in health education is planned. In addition to specific health courses, the entire curriculum should be explored to determine ways health instruction can be brought into various subjects.

Likewise, school health services and general school activities should be considered for the opportunities they offer children to learn about health through experiences.

A chest X-ray, or an eye examination is an opportunity for health education.

(MORE)

2--Kireilis

A goal of health education is to make children aware of good health and how it is obtained.

Other studies have indicated clearly that improvement of community health has best been accomplished through education, the committee also points out.

Serving on the committee with Kireilis are Dr. Roy A. Foster, Oregon State College; Dr. C. Morley Sellery, and Dr. Blanche G. Bobbitt, (chairman), Los Angeles City Schools; and Dr. William K. Streit, Cincinnati Public Schools.

The committee is sponsored by the American School Health Assn.

Kireilis is head of Tech's department of health and physical education and recreation. He also is varsity swimming coach.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

William R. Bruso, a former student at Texas Tech, has been named assistant manager of field engineering for International Business Machines Corp.'s computer site at Madison, Wis.

Bruso joined IBM in 1948 as a customer engineer at Long Beach, Calif., and was promoted to field manager there in 1953.

In 1956, he was transferred to the company's military products division at Kingston, N.Y., and later was appointed field engineering group manager for the air defense sector site operated by it at Syracuse, N.Y.

A veteran of two and a half years of Air Force service, Bruso studied at Santa Barbara State College and Los Angeles City College as well as at Tech.

Bruso, his wife--Juanita--have two children: Pamela, four, and Kathy, 11.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --"Straight A" averages have been posted for 28 of Texas Tech's 8,566 students in the Fall semester, the registrar's office has announced.

Students in the following Schools were named on the "three-point" honor roll:

AGRICULTURE--Ivan W. Kirk, senior from Groom; William Kary Mathis, senior from Lubbock, and Everett R. Mitchell, junior from Lubbock.

ARTS AND SCIENCES--Glenn C. Blalock, sophomore from Clyde; Peggy R. Brown, junior from Throckmorton; Jo Ann Byrd, freshman from Clyde; Max F. Dannecker, sophomore from Lubbock; Linda J. Dennis, freshman from Lubbock; Elsa Dockray, freshman from Lubbock; Dolores Gage, senior from Lubbock; Joe Ben Hudgens, junior from Pecos.

Patsy Lynn Kennedy, sophomore from (6115 Goliad) Dallas; L. Ronald Lemon, sophomore from Lubbock; Catherine Nelson, senior from Brownwood; Robert D. Shelton, freshman from Bowie; Carl C. Stull, junior from Lubbock, and Carolyn G. Watkins, sophomore from Sudan.

BUSINESS ADMINISTRATION--Norman L. Dreyer, junior from Bellaire; Jack A. Price, senior from Lubbock; Sharon L. Seeliger, junior from Lockhart, and Evelyn Whittenburg, sophomore from (220 West Sixth) Amarillo.

ENGINEERING--Donald Roy Clark, junior from Keller, Jerry D. Holmes, senior from Lockney; William F. Kelly, junior from Sweetwater; Larry H. Penson, junior from Canadian, and William A. Smith, senior from Lubbock.

HOME ECONOMICS--Jacquelyn Brooks, senior from (3124 Spanish Oak) Fort Worth, and Mary A. Kennedy, senior from Slaton.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION BUSINESS EDITORS

LURBOCK, --Maintenance officials at rapidly growing colleges and universities had better be taking a close look at the materials they're using, Texas Tech's supervising custodian declares.

Charles Libby points out that the nation's institutions of higher education have become big business spending "big money" for maintenance.

As such, their maintenance management has become increasingly important to tax payers and other supporters who are being asked to spend more and more for education.

For example, Libby says, an institution valued at \$20 million may well be spending \$1 million annually for maintenance, with \$390,000 of that going for housekeeping and sanitation.

It's up to the institution's maintenance officials to see that this is spent with maximum efficiency, Libby continues. In these times when new and "improved" products are constantly coming on the market, it's impossible for purchasing agents to check and see if the products they buy actually do the jobs claimed, Libby explains.

Consequently, maintenance officials must assume the responsibility of reporting to purchasing agents on the performance of materials used, he declares.

Such reporting also will be appreciated by reputable manufacturers who want to improve their products, Libby adds.

At the same time it will show up the "wash tub artists" and "back-yard chemists" who are making false claims for their products and consequently robbing education of hard-come-by funds, he emphasizes.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LURBOCK, --Jack Holland, dean of men at the University of Texas, will be a principal resource counselor for Texas Tech's Board of Student Organizations retreat March 7-9 at Cloudcroft, N.M.

Representatives of 148 Tech organizations have been invited to attend the retreat and exchange ideas on mutual problems and possible ways for improving Tech student activities.

Holland, who has been UT's dean of men since 1948, is known for his work with student personnel. He has attended two training series sponsored by the National Assn. of Student Personnel Administrators and by the Harvard University School of Business Administration.

In the summer of 1957, he was consultant to Harvard's Institute for College and University Administrators, assisting in the collection and writing of case studies for use in seminars for higher education executives.

He is past president of the Texas Assn. of Student Personnel Administrators. Holland also is active in Boy Scout and children's health work.

He is a former Texas Society for Crippled Children board member and past president of the Travis County Society for Crippled Children. He is also active in the United Cerebral Palsy Assn., serving on the national convention committee and the UCP's Texas and Travis County boards of directors.

Holland is a board member for the Austin Council for Retarded Children and vice-chairman for the volunteer council at the Austin State School.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Landscape design students at Texas Tech will have an opportunity to put some of their ideas to work at the annual Women's Flower Show slated in Dallas March 15-22.

Seven Tech students have submitted perspective plans of a landscape exhibit to be constructed for the show. Sponsor of the exhibit contest, Van Valkenburgh and Vogel, Inc. of Dallas, will select the top three designs this week, Robert H. Rucker, associate professor of horticulture and park management, said.

In naming the first, second and third place winners, the landscape architectural firm will be selecting the landscape architect, landscape contractor and landscape foreman to build the exhibit in the Dallas show.

The rest of the men in the landscape design problems course will act as laborers to construct the winning design, Rucker said. The only help the group is permitted to have is that of an experienced carpenter from the Van Valkenburgh and Vogel firm.

Rucker said that the student architect, contractor and foreman must keep daily labor records while actual costs of plants and construction materials are maintained to prove they are within the budget that was set prior to starting the problem.

In addition to the perspective plans, the students have to submit a rendered plan, working drawings of construction details, a cost estimate and a list of materials.

The students have three days to construct the winning design before the Women's Flower Show opens.

In past years, landscape students from Texas A.& M. College and Louisiana State University have build exhibits at the show.

(MORE)

2--Landscape design

Tech students participating in the project are:

Jerry Tschauner of Odessa (2733 Keystone); Dave Bennett of Abilene (765 Peach St.); Jim Delashaw of Plainview; Tafford Blessing of Fort Worth (330 Chestalynn Ct.); Eddie Marvin of Lubbock; Earl Morrison of Ralls, and Bob Key of Lubbock.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --A seminar on "Today's Professional Secretary" will be held at Texas Tech on March 8.

The meet is sponsored by the Tech department of business education and secretarial administration and the Caprock Chapter of the National Secretaries Assn. More than 100 secretaries from the South Plains area are expected to attend, Miss Dorothy Bayley, registration chairman, said.

Among those who will participate in the day-long program to be held in the Tech Union ballroom are Dr. George Heather, Dean of Business Administration at Tech, Dr. Morris Wallace, education department head, Charles S. Signor, vice-president of Lubbock National Bank and Miss Della Bates, educational director of International Business Machines Corp., Dallas.

A panel of Lubbock businessmen, moderated by Dr. William R. Pasewark, business education department head, will discuss "Better Secretaries". The panel will include Arlie Hudson, Southwestern Public Service Co. division manager; Roy Bass, attorney; O.L. Stalcup, Halliburton Oil Well Cementing Co. division manager; and Kenneth Kirkpatrick, Southwestern Bell Telephone Co. division traffic manager.

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Adrian Vaughan
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LUBBOCK, Feb. --Texas Tech Army ROTC cadets are shining brass and shoes today (Tuesday) in preparation for a formal liaison visit by Maj. Gen. Guy S. Meloy Jr., deputy commanding general for Reserve Forces in the Fourth U.S. Army, San Antonio.

General Meloy, who will be making his first visit to Tech, will arrive today for a quick tour of the Army ROTC facilities here and conferences with ROTC, Army Reserve and National Guard officers in Lubbock.

Accompanying the general will be Col. J.D. Cone, Fourth Army Reserve Forces officer.

Col. James B. Carvey, Tech Army ROTC commander said Gen. Meloy will be accorded military honors by an honor guard comprised of the Sam Houston Rifles and the Tech ROTC band.

Gen. Meloy has served in the U.S. Army more than 30-years. He was graduated from the U.S. Military Academy in 1927. After various duties in the United States and Hawaii, he attended the Command and General Staff School at Fort Leavenworth from which he was graduated in 1939.

He was a military observer in England until December 1941 after which he became an instructor and later executive officer of the Tank Destroyer School at Camp Hood. In May 1943 he was appointed chief of staff of the Tank Destroyer Center there.

Meloy became chief of staff of the 103rd Infantry Division at Camp Howze, Texas, in 1944 and served with it in the European theater from October 1944 to September 1945.

After duty as Airborne Center chief of staff at Fort Bragg, N.C., he was named commandant of cadets at Texas A & M College where he served more than two years.

(MORE)

2--General Guy S. Meloy Jr.

Upon graduation from the National War College in 1949, he commanded the 19th Infantry Regiment, part of the 24th Infantry Division, which he accompanied to Korea. In July 1950, he was wounded in action.

He later held various staff positions in the Far East command, in the Pentagon and in Europe where he commanded the First Infantry Division in 1954-55. He was promoted to major general in March 1953.

Prior to his assignment to the Fourth Army last September, Gen. Meloy was chief of public information for the Secretary of the Army and chief of information for the Army chief of staff.

For his services during World War II, Gen. Meloy was awarded the Legion of Merit, the Bronze Star with one Oak Leaf Cluster and the Army Commendation Ribbon. While serving in Korea, he was awarded the Distinguished Service Cross and the Purple Heart for heroism in action on July 16, 1950, near Taejon.

He has also earned the Combat Infantryman's Badge and Parachutist Badge.

###

LUBBOCK, Feb. --Certificates of merit were awarded to first and second place winners in the district high school speech meet held Feb. 22 (Saturday) at Texas Tech.

Winners at the speech meet were:

Canadian--Janis Wilbur, second in the girls' division of poetry reading and first in girls' senior declamation; Charles Adams, first in Class A and B extemporaneous speech events.

Canyon--Jimmie Lou Hiltbrunner, first in girls' senior declamation; John Robert Wheelock, first in boys' senior declamation; Deloris Batts, first in Class A girls' junior declamation.

Happy--Countess McNeil, second in the girls' division of poetry reading; Marilyn Bryan, first in the girls' division of poetry reading.

Hereford--Martha Bookout and Peggy Bumpass, first place ratings in the girls' division of poetry reading; Dave Larson, second in boys' poetry reading.

Levelland--Carolyn Poindexter, second in girls' senior declamation; Gary McDowell, first in boys' junior declamation; Virginia Starr, first in Class AA girls' junior declamation; Janelle Brown, second in Class AA girls' declamation; Sandra Allison and Karen Schwab, only undefeated girls' debate team.

Odessa--Nancy Muns, first in girls' poetry reading.

Perryton--Barbara Stallings, second in girls' poetry reading and first in Class A & B extemporaneous speech; Gerald Bogard, first in boys' poetry reading; Sara Mize, first in Class A & B extemporaneous speech; Glenda Shelby, second in girls' senior declamation; Charles Walker, second in boys' junior declamation; Toni Simmons, first in Class A girls' junior declamation; Pat Malone, second in Class A girls' junior declamation.

~~###~~ (MORE)

2--Speech Winners

Vega--Doris Patterson, first in girls' poetry reading; Jerry Smith second in Class A & B boys' extemporaneous speech; Sandra Purcell, second in girls' senior declamation; Bobby Prock, second in boys' Class A & B senior declamation; Justine Bagles, second in Class B girls' junior declamation.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Texas Tech will turn its attention to the place of religion in college life Monday through Thursday.

Dr. John P. Newport of Fort Worth and a team of ~~six~~ other visiting speakers will develop the theme, "The Logic of Belief," in a series of Religious Emphasis Week lectures, seminars, special services and ~~group~~ discussions.

Newport is professor of philosophy of religion at Southwestern Baptist Theological Seminary. He will deliver principal lectures of the REW program at 7 p.m. Monday, 10 a.m. Tuesday, 8 p.m. Wednesday and 7 p.m. Thursday in the Tech Union Building ballroom.

Joining Newport each ~~day~~ in classroom lectures, 4 and 5 p.m. ~~Seminars~~, morning watches, evening vespers, and other services will ~~be~~:

Dr. Jack W. Bates, Lubbock Christian College dean; the Rev. Morris Bratton of Austin, assistant director of the Methodists' Wesley Foundation there; and the Rev. Thomas R. Miller, rector of St. Christopher's Episcopal Church in Lubbock.

Others are Chaplain (1st Lt.) Sheldon E. Hermanson of Craig AFB, Selma, Ala.; Dr. W.F. Howard of Dallas, director of student work for the Texas Baptist Convention; the Rev. David Zacharias, Westminster Presbyterian Church, Lubbock; ~~Mrs. M. Gale Royster, former Methodist missionary,~~ Lubbock, and Mrs. Roy Bass, Lubbock.

Each of the visiting speakers will be available for personal conferences.

Newport has spoken to youth and college meetings in most Southern and Southwestern states. He can speak of student activities from first-hand experience, having been a member of football, basketball and debate teams and school annual editor at William Jewell College.

(MORE)

After receiving his bachelor's degree there, he obtained master's and doctoral degrees from Southern Baptist Theological Seminary in Louisville, Ky., and an additional doctorate from the University of Edinburg, Scotland.

He also has studied at the Universities of Basel and Zurich in Switzerland, Tulane University, Union Theological Seminary, and Columbia and Tulsa Universities.

Newport has been minister of churches in Mississippi, Kentucky and Oklahoma. He has been professor and director of graduate studies in religion at Baylor University and associate professor of New Testament and philosophy of religion at New Orleans Baptist Theological Seminary in addition to his teaching at Southwestern.

Twenty-three students have been serving on eight committees which are responsible for the planning and carrying out of this year's Religious Emphasis Week at Tech.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LURBROCK, Feb. --Insects are in for a drubbing if farmers and ranchers take the advice of specialists who spoke at the fifth annual Texas Tech agricultural chemicals conference sessions held Thursday.

A consistent, year-after-year, insect control program was called for by Dr. H. G. "Johnnie" Johnston of the National Cotton Council's production and marketing division.

"Rapidly changing production practices -- the short growing season on the High Plains and the ever-increasing basic need for lower cost of production and better quality of cotton -- all of these factors have created a tremendous demand for effective insect control," he said.

Johnston said insect control must be aimed at reducing damage to a bare minimum, not used as a salvage operation when peak infestations threaten. Many insecticides are effective if properly used, but none will do an effective job if used haphazardly.

Because early maturity of cotton is important on the High Plains, early season control of thrips, fleahoppers and other pests ~~is~~ important ~~to~~ obtain early fruiting, he said. For this reason, a blanket control program for thrips and fleahoppers every year will be profitable, he advised.

Dr. Alan Weise of the Southwestern Great Plains Field Station at Bushland, Tex., told of successful experiments using the 2,4-D chemical for effective weed control on local crops and rangelands.

(MORE)

2--Ag chemicals conference

Deferred grazing must accompany an effective brush control program, he emphasized and pointed out that mesquite growing in fields next to crops can cost money.

"One mesquite uses enough water to produce \$9 worth of cotton," he stated. "It takes five-cents worth of 2,4-D to kill a mesquite."
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Young beef steers won't have to do quite as much running from the worrysome heel fly if ranchers use a new systemic insecticide developed by Dow Chemical Co.

Dr. Burnest Truchelut, Dow Chemical research and development physiologist from Lake Jackson, Tex., told those attending the Tech meeting that Dow's ET-57 or Trolene is an effective method of treating animals internally for insects both inside and outside the body.

The chemical is mainly helpful in controlling cattle grubs that, as larvae, travel within the animal's body discoloring commercial meat and causing holes in the hide when they emerge.

Truchelut pointed out that meat packers have to "trim out" meat discolored by the larvae trail and lose as much as \$10,000 weekly on meat trimmed from cattle formerly infested with grubs. The value of of hides ~~are~~ also greatly lessened by holes caused by the emerging grubs. These losses are passed on to the grower, he said.

He advised applying Trolene to cattle as soon as heel fly activity has ceased or after they've laid their eggs. One oral dose is all that is necessary for healthy animals.

The physiologist noted that while internal medication for external disease is not new for humans, it is a new idea for controlling insect damage to cattle.

Attending were 196 farmers, ranchers, and ag chemical dealers representing ten states in addition to Texas. Other states represented were Delaware, Michigan, New Mexico, Louisiana, Mississippi, Arkansas, Colorado, Tennessee, Missouri and Oklahoma.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AG EDITORS

LUBROCK--Farmers of the United States produce twice as much today as did their grandfathers and with a third less help -- and they'll continue to do even better in the future.

That's the prediction of Dr. R.D. Lewis, director of the Texas Agriculture Experiment Station at College Station, who outlined the interdependency of agriculture and industry at Texas Tech this week.

Speaking before more than 150 farmers, ranchers and dealers attending the fifth annual agricultural chemicals conference at Tech, Lewis declared "we have tended to sell agriculture short" in failing to remember that a large part of the agricultural industries are dependent on the products of 12 per cent of the U.S. population living on the farms.

Lewis pointed out that:

1. Since 1910, farmers of the U.S. have doubled their total output; tripled their output per man hour; and are now operating their farms and ranches with a third less man-power.

2. Since 1940, the output per farm worker has increased by 83 per cent -- as contrasted with an average increase of only 38 per cent in other industries.

3. The ability of the American farmer to adopt and use research through education is the reason for the increased production.

He asserted that the tremendous technological advances in agriculture have made available nearly 90 per cent of the nation's labor force in off-the-farm industries.

(MORE)

2--Ag chemicals conference

If farmers today farmed as they did in 1940, the consumers would pay at least \$13 billion more annually for food, Lewis stated. Consumers would pay at least \$2 billion more a year for food if farmers used fertilizers today as they did in 1940.

Dr. Lewis also called for more research for agriculture after pointing out that non-agricultural industries used an average of \$2 per \$100 of sales for research while research for agriculture was allotted 50 cents per \$100 of sales.

He suggested future research to effectively utilize market outlets and develop new crops for industrial use. Consumer preferences, market needs and potentials should also be an object of research, he said, along with practices for management of basic resources of soil, water, range and forests.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Texas Tech's new policy giving registration priority to students according to grade averages will not apply to freshmen entering for the first time next fall, Dr. E.N. Jones, Tech president, has announced.

Dr. Jones emphasized that the new policy, which goes into effect next September, in no way limits enrollment at Tech. The policy's purpose is to give the students with better grades priority in obtaining the classes they should have.

"This merely means that students with lower grades may have to wait to get the courses they originally intended to take," Dr. Jones explained. "There will be other courses which such students can take and apply to their degree programs, if they pass."

"The significance of the new policy lies in the fact that it encourages and aids the better students who are so urgently needed by our nation, particularly in these times," he added.

Dr. Jones pointed out that the admission of entering freshmen next September will be under the same conditions that prevailed last September.

"In fairness to all entering freshmen, we want to have a record of how each performs under Texas Tech standards before he or she becomes eligible for registration priority," he said.

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LUBBOCK, --The adventures of six young Americans who have built two Asian jungle hospitals only five miles from Communist China's frontier will be told here Friday, March 7.

Dr. Thomas A. Dooley, whose "team" is gaining world-wide fame for its medical work in Indo China, will tell the story in a public lecture at 7:30 p.m. in Lubbock Municipal Auditorium.

Dooley has just returned from the Kingdom of Laos, where his team has been working with Indo Chinese refugees from Communism.

Dooley's concern for the people of Indo China began with his part in the famous U.S. Navy operation, "Passage to Freedom."

Following the fall of Dien Bien Phu and the partition of Indo China in 1954, Dooley and a small group of Navy corpsmen fed, clothed and gave medical aid to more than 600,000 refugees from the Reds.

His "Deliver Us From Evil," published in 1956, tells how they worked to overcome the barriers of hate and fear among the Vietnamese, who had been taught that Americans were cruel practitioners of "germ warfare."

He tells how he and the men in his unit repeated the expression, "This is American aid," in Vietnamese everytime they did anything from passing out a pill to helping a small child get dressed.

Funds from Dooley's books and lectures are being used to carry on his work in Laos under auspices of the International Rescue Committee, a private refugee-relief organization.

Famed medical missionary, Dr. Albert Schweitzer, has announced he will work with Dooley through an organization called Medical International Cooperation.

(more)

In 1956, the U.S. Junior Chamber of Commerce named Dooley one of the nation's 10 top young men. He holds Vietnam's highest decoration and the U.S. Navy's Legion of Merit, with a personal commendation from President Dwight Eisenhower.

A St. Louis native, Dooley was educated at Notre Dame University and the Sorbonne in Paris.

He has informed members of United Church Women, who are sponsoring his Lubbock lecture, that he will arrive here early March 7 and is anxious to meet personally with anyone interested in his work.

Lecture tickets, at \$1 each, are available through UCW members, the Auditorium box office and several downtown stores.