

MAILING SCHEDULE FOR Dec. 7-12

Day	Name of Story	A	B	WS	Explanation
Mon. 12-7-59	AF ROTC in Ricksauer				AJ only
	12-7-59 Ricksauer	✓			Pg. 1 only to AJ; comple Socals + Ad. of Dir.
Tuesday 12-8-59	Ricksauer speech				UPI, AP, KENC-TV, am. Reporter-Telegrams, Mid
Wednesday 12-9-59	Ricksauer speech	✓	✓		Bd. Dir.
	Homers Banquet				HT's - (50)
	Tech Ed - Lodal	✓			
	Dr. Winwood article	✓			
(need)	Standard Scholar winner	✓			
	Textile Engineering Opening		✓	✓	Bd. Dir.
	Southall + Nagler (cc)				special feat w/ photo
	Textile Bldg		✓		except AJ
	Geology -	✓			
Thurs 12-10-59	Good Neighbor Seminar				
	Commencement	✓	✓		Bd. of dis
	Arms ROTC Dist. mil. Students	✓			Bd. of dir
	Speech major	✓			Bd. of dir
	Talent Inventory in West Texas High Schools	✓	✓		West Texas Today Mag, Amarillo Bd of Dir, HT's, Ft Worth
(need)	Army ROTC. Good Conduct				AJ only
12-12-59	Science Summer Institute	✓			
	Dr. Zinke	✓	✓	✓	
	Dr. Walker for Students				
	Faculty Xmas Party (cc)				AJ.
	Captain Geology \$500 Award (cc)				AG

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

The Texas Tech Air Force ROTC rifle team will compete in the 39th annual William Randolph Hearst ROTC rifle competition Wednesday (Dec. 9) at 7 P.M.

The Tech rifle team will be competing against all other AF ROTC rifle teams in the nation for the AF ROTC championship. The Air Force champion will then vie against the Army and Navy ROTC champions in February for the national championship.

Two teams of five men each will fire on a regulation 50 foot range at Tech, using small bore rifles and targets. The current National Rifle Assn. small bore rifle rules will be used for the matches.

Each team member will fire five shots from each of four positions--prone, sitting, kneeling and standing--with a possible team score of 1,000 points.

After completion of the firing, the scores will be certified and sent with the targets to Washington, D.C. for tabulation. The national winner will receive the William Randolph Hearst National Defense Trophy.

Advisor of the Tech team is Major D.E. Carpenter, Tech instructor in military science and tactics.

Members of the teams include:

Dallas--Chris Guenther, (7148 Birchwood Dr.), freshman.

Grand Prairie--Dennis Heller, freshman.

Houston--Paul Anthony, (4125 Sarong Dr.), freshman.

Lubbock--Dwight Cox, freshman; W.D. Crump, Jr., freshman;

Earl Hobbs, Jr., freshman.

Odessa--Neal Eppinger, (2005 N. Sam Houston), freshman.

Radcliff, Ky.--Richard Catero, sophomore.

Department of Public Information
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LUBBOCK, Dec. -- "The belief that our high standard of living guarantees political and military supremacy is potentially our most dangerous illusion," Vice-Admiral H. G. Rickover declared today (Wednesday) at Texas Tech.

Rickover, who spoke before an All-College Convocation in Lubbock Auditorium at 10 a.m., asserted "Illusions Cost Too Much" in his address before the Texas Tech student body and faculty.

What counts is not productivity for its own sake, but how a nation's productivity is used, the Admiral said, in pointing out that the nation's "high civilian standard of living may prove to be an actual liability in the contest with totalitarian powers."

He noted that modern totalitarian countries have the advantage of high technical ability in the scientific and military field and a civilian population with a low--but resilient--standard of living. "We must not underestimate the military advantage that totalitarian countries possess, because they combine advanced levels of technology in the public sector with frugality in the private sector of their economy," he said.

"A second reason why our high standard of living may prove a liability is that the intricate system of interlocking economic relationships that maintains our affluent society can easily be disrupted by breaking of but a few links," he declared.

Rickover noted the decline of our public transportation facilities in metropolitan areas, our dependence on the automobile and our ~~centralized industrial complex~~ make us more vulnerable than other major world powers.

(MORE)

2--Rickover

He said the third reason our high standard of living may become a liability is our use or misuse of natural resources.

"Ours is the first civilization in history of mankind which rests upon utilization of resources that do not renew themselves; the first that consumes its very foundations and does this faster the more it succeeds in raising the material standard of living of all its people," he stated.

"Let us face up to the fact," he urged, "that when we use up the nation's capital in nonrenewable resources we mortgage the future for the sake of the pleasures of today."

The Admiral deplored the nation's waste of natural and nonrenewable resources, but he explained that "We were the first country large enough to make maximum use of technology" while the European countries were too small to benefit fully by their own technical inventiveness.

"Not until Russia began to apply technology to the exploitation of her own vast land were we faced with competition on something close to equal terms," he said.

Concluding his address, Rickover said "I have criticized our illusions because, in the present period of intense rivalry between democracy and totalitarianism, they prevent our making the fullest use of all our potentialities."

"Our potentialities are so great that, if we would but divest ourselves of illusions, seek out the truth no matter how displeasing it may at the time be, and set our goals high, there is literally nothing we could not accomplish."

Department of Public Information .
Texas Technological College
Adrian Vaughan, Director

One of the few leaders to lift the U.S.' sagging technological prestige--Vice-Admiral Hyman G. Rickover--will deliver one of his major addresses of the year today (Dec. 9) at Texas Tech.

The man who fought for and then led the development of the first nuclear-powered submarine will speak at 10 a.m. in Lubbock Municipal Auditorium on "Illusions Cost Too Much."

The public is invited to attend the convocation, Tech officials said. There will be no charge.

The hard-driving Admiral arrived in Lubbock on an Air Force plane at Reese AFB sometime between 3 and 4:30 a.m.

After a brief rest at a local hotel, Rickover will go directly to Lubbock Auditorium for the address, sponsored by the Tech Student Assn.

He will be introduced by Cong. George Mahon of Lubbock.

Rickover, who upset many established procedures in the creation of the atomic sub Nautilus, is becoming widely known for his criticism of some American traditions, particularly in education.

He also is known as a hard worker who takes time for only a few public appearances each year. His visit to Tech is one of these.

Rickover will be guest at a small private reception, sponsored by the Student Assn. in one of the Auditorium rooms immediately after his talk. No other special events are scheduled.

He will leave for Washington, D.C. around noon today.

(MORE)

2--Rickover

In the fall of 1958 President Eisenhower nominated Rickover for promotion to vice admiral. He was serving then as head of the naval reactors branch of the Atomic Energy Commission.

The following spring Vice Admiral Rickover received the gold medal that Congress had authorized for his distinguished achievement. It was presented by Senator ^{Clinton} Anderson in a ceremony in the auditorium of the new Senate Office Building.

Anderson, chairman of the Senate-House Atomic Energy Committee, said that Rickover was the third U.S. Navy admiral to be honored with the medal. The others were Richard Byrd, the polar explorer, and Ernest J. King, the Navy's top officer in World War II.

Rickover was cited for his part in the development of nuclear propulsion for ships and also for his work on the nation's first large-scale atomic power plant.

Many of the speakers said that Rickover's determination and drive had made sure the United States and the rest of the free world were ahead of Russia in at least one important area of security--the nuclear-powered, missile-carrying submarine.

When Frol R. Kozlov, first deputy premier of the Soviet Union, was touring the United States in 1959, Rickover escorted him through the Shippingport nuclear power plant. He gave the visitor and his party literature about the plant and answered all questions.

Rickover told Kozlov that as a naval officer he had been interested in building atomic submarines, and the Russian replied:

"It would be better to build atomic surface vessels rather than atomic submarines because atomic submarines are for the purpose of destruction."

3--Rickover

Rickover quipped sharply: "Sure, all Soviet naval vessels have doves of peace on their masts."

At another point, Rickover told Kozlov:

"You talk a lot about peace. Now you can go home and do something about it."

Two weeks later Rickover was a member of the official party of Vice President Richard M. Nixon on a visit to Russia. He found the Russians hesitant about letting him have a close-up look at their atomic ice breaker Lenin and its three reactors.

The shipyard master at Leningrad refused to allow the crusty little admiral into the ship's inner workings at the beginning. Rickover made no effort to hide his impatience while waiting for higher authorities to decide.

Finally permission came through, and for two hours the inquisitive engineer-admiral roved about the ship and studied its reactors. He climbed and crawled to the farthestmost crannies of the vessel. He said he got to see everything he wanted to see.

Rickover told a subcommittee of Senators early in 1958 that if a military man wanted to push a new idea, the first thing he had to do was to decide "he is going to get his head chooped off ultimately."

The subcommittee was investigating U.S. military strength in the light of startling scientific advancements made by the Soviet Union. Rickover's specialty was nuclear propulsion, and in that field at least the United States led Russia and all other countries.

Rickover indicated that the reason he was given a free hand to work on the atomic submarine was not an altruistic one. Rather, he testified, it was because "there were so many people who were certain the project would fail and they did not want to be associated with it."

4--Rickover

"I was kept on, and I was assigned this job all by myself--and given an office in an ~~office-in-an~~ ex-ladies' powder room," he related.

The Senate subcommittee was reported to have received information from the Central Intelligence Agency that the Soviets had missile-firing submarines capable of bombarding American coasts. Rickover said the Navy earlier had turned down his plan to equip American submarines to fire ballistic missiles.

It was while doing work for the Atomic Energy Commission at Oak Ridge, Tenn., in 1946-47 that Rickover became convinced of the feasibility of an atomic submarine. He submitted plans to the Navy for one, but these were turned down. He pursued the matter and succeeded in winning support from Admiral Chester W. Nimitz, Chief of Naval Operation, who had had much submarine experience.

Nimitz wrote a letter to the Secretary of the Navy stating that "the atomic submarine is militarily desirable." The A.E.C. affirmed the practicability of an atomic-powered engine. The Secretary approved an atom-powered submarine project and Rickover went to work on it.

He simultaneously headed the naval reactors branch of the A.E.C. and the nuclear power division of the Navy's bureau of ships.

Rickover selected his staff personally, drawing men from industrial, educational and research fields, as well as from the Navy.

In assigning jobs, he said he was concerned only with a man's ability. Age, rank, civilian or military status did not figure at all.

He wanted and got only those who shared his own burning desire to make nuclear power, whether for Navy craft or factory, a reality. Hard work was the order of the day, with Rickover carrying an enormous load.

A slight, gray-haired, driving individual, he was a dynamo of energy. It was not unusual for him to complete a day's work in Wash-

6--Rickover

continue his study. He received a degree of master of science in electrical engineering.

After taking submarine training at the base in New London, Conn., he spent three years in submarines. He previously had seen service in surface ships.

During most of World War II he served in the Navy's bureau of ships and won the Legion of Merit for his work as head of its electrical section. He also was cited for his service as head of a repair base at Okinawa. The British government decorated him.

Rickover was born January 27, 1900, in Russia, the son of Jewish parents. His father, a tailor, came to the United States in 1904 and settled on New York's lower East Side. Two years later he brought over his wife and two children. The family moved to Chicago in 1910 and there the future naval officer was reared.

While in high school he held after-school jobs, including those of delivery boy and telegraph messenger. He received an appointment to Annapolis and graduated in the top quarter of his class.

He was married in 1931 to Ruth Dorothy Masters, whom he met while attending Columbia University. They had one son, Robert.

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5--Rickover

ington, then take a plane for New York, Pittsburg or some other city, and hold conferences with Government contractors far into the night.

He would take a sleeper back to Washington in time to be at his desk by 8 A.M., for another full day's work.

Rickover, in various speeches, called for a complete reorganization of the American educational system. He said that nothing short of that could "equip us for winning the educational race with Russia."

He told of interviewing more than 1,000 young college men and officers interested in nuclear power development and finding only a small percentage who were qualified. That caused him to conclude that "something was radically wrong with the schools and colleges to whom the education of these young men had been entrusted."

Rickover trained his guns on "trivial" courses and the idea "in the name of democracy" that all students should receive the same treatment in spite of widely diverse mental capacities. Longer school days, weeks and years were recommended.

"If we develop all our human resources, we shall be able to insure a high standard of living to our children and grandchildren," he said. "But it cannot be done with 180-day school years, driving training courses and print shops in high school."

Someone once said of Rickover that he "seldom looks at the present, always looks at the future." His philosophy was this: "The more you sweat in peace, the less you bleed in war." And he worked hard at spreading the doctrine that the United States must do a lot of sweating if it expected to keep a technological lead over the Soviets.

Rickover graduated from the U.S. Naval Academy in 1922, and returned there five years later to study electrical engineering in the postgraduate school. Then the Navy sent him to Columbia University to

Department of Public Information
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LUBBOCK, Dec. ---Texas Tech home economics students who have received awards and scholarships during the year were recognized at a recent Home Economics Club Banquet on the Tech campus.

The Melba Mae Maxey Scholarships of \$350 each were awarded to three students, who maintained exceptionally high grade point averages, and made definite contributions to the School of Home Economics. They were;

Redwood City California-- Winifred Parrott, sophomore with a 2.91 overall average

Rochelle--Linda Lu Hagler, ^{senior} ~~senior~~ junior, with a 2.87 overall average and the highest ranking student in the School of Home Economics as a freshman and sophomore.

Sagerton--Lynnell Fouts, junior who maintains a 2.87 grade average and was the highest ranking student in the School of Home Economics in the spring of 1959.

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LUBBOCK, Dec. ---Texas Tech home economics students who have received awards and scholarships during the year were recognized at a recent Home Economics Club Banquet on the Tech campus.

Billye King, sophomore from Loop, received the District II Home Demonstration Club Award. Miss King, first place winner in several county dress revues, also was state winner in Home Improvement, for which she received an all-expense paid trip to the National 4-H Club Congress in Chicago.

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Ethel Foster Scholarships given on the basis of character, personality, scholarship and financial need went to:

Albany--Carolyn Vines, sophomore

Borger--Marcia Campbell, sophomore

Claude--Nelda Kelley, senior

Dallas--Mary Wallace, junior (4194 Saranac Dr.)

El Paso--Sondra Williams, senior (2411 Montana); Martha Jane Wynes,
senior (3905 Chester)

Leming--Edwina Rakowitz, sophomore

Levelland--Editha Russell, junior

Lovington, N.M.--Nancy Lowery, junior (1105 W. Van Buren)

Lubbock--LaRue Elliott, sophomore; Barbara Law, senior

Pampa--Dorothy Ann Ayres, junior (923 E. Browning)

Pasadena--Julia Kelley, senior (107 Alastair)

Waco--Peggy Maloy, sophomore (1920 Algonguin)

White Deer--Carolyn Anderwald, junior

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~~Jean Schepers was awarded the Borden Company Foundation Scholarship.~~

Senior from McGregor, Miss Schepers received the award on the basis of having the highest average grade in all college work preceding

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Eight entering freshmen who show exceptional promise on their college entrance examinations are annually awarded the Sears-Roebuck Foundation awards. This year recipients are;

Bovina--Nickie Joyce Woelfel

Friona--Mary Ann Stacy

Houston--Kay King, (6645 Lindy Lane); Frances Annette Sims,
(9020 Wickford Dr.).

O'Donnell--Sarah Lou Prather

Robert Lee--Eunice Blair

Ropesville--Graciela Riojas

San Antonio--Jean Greer

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Tahoka sophomore, Marilyn Camack, received the Home Economics Club award. She received her State degree in the Future Homemakers of America where she held both local and area offices.

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Department of Public Information
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Olaf T. Lodal, a 1932 Texas Tech graduate and a consulting engineer in San Antonio, has been elected state president of the Texas Society of Professional Engineers for 1960. He is past president of the Tech Ex-Students Assn.

A native of Brownwood, Lodal received his bachelor of science degree in electrical engineering from Tech in 1932. He became registered as a professional engineer in Texas in the civil and electrical branches. He is also a registered professional engineer in New Mexico, Oklahoma and Arizona.

After his graduation from Tech, he was employed by the State Highway Department on location, design, and construction of highways and bridges, and later with the statewide planning survey.

He entered private practice as a consulting engineer in 1939 and has continued to practice in the utility engineering field with his home office located in San Antonio.

In 1940, he married Daisy Warriner of Fort Worth. They have two sons, Jan, 16, and Gene, 14.

Currently, Lodal is first vice-president of the Texas Society of Professional Engineers and chairman of the budget and finance committee. He has served as second vice-president, director-at-large and chairman of various committees.

His memberships include the American Institute of Electrical Engineers, in which he has served as chairman of the South Texas Section; 13 years in the Alamo Heights Lions Club; serving on the Board of Deacons of the Alamo Heights Presbyterian Church; and vice-chairman of the Sam Houston district of the Alamo Area Council of the Boy Scouts of America.

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Dr. Fred W. Norwood, Texas Tech accounting professor, is author of an article in the annual meeting issue of the Southwestern Social Science Quarterly.

The article deals with management services by certified public accountants.

Dr. Norwood is a certified public accountant and a member of the American Institute of Accountants, the American Accounting Assn., the Texas Society of Certified Public Accountants, and the Texas Assn. of University Instructors in Accounting.

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Department of Public Information
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LUBBOCK, Texas -- From Palatka High School in Florida via China to Texas Tech -- that's the story of the parallel careers of Carey Southall and Marshall Nagle, associate professors of education at Tech.

While their careers have been parallel, the paths of the educators had not crossed since college days until Nagle joined the Texas Tech education department faculty this fall. But their parallel rolls began 18 years before.

After being graduated from Palatka High in 1941, Southall attended the University of Florida until he entered the U.S. Marine Corps in 1943.

From then until 1946 he saw duty with the First Marine Division's infantry and artillery in the Guam and Okinawa campaigns. Then he served seven months in Peiping, China, before being returned to the states for discharge in the Spring of 1946.

When Nagle completed high school at Palatka in 1942, he attended William and Mary College, Williamsburg, V., for a year before entering the Navy. He served as a communications officer in the Western Pacific during the war and then saw duty on the China coast at Shanghai and the Tsing Tao-Shantung peninsula.

Both men returned to the University of Florida in the fall of 1946 where Southall earned a B.S. degree in education in 1948 and Nagle received his B.A. degree in science in 1947. Both entered high school teaching -- Southall at Gainesville and

Nagle at Starke -- while they worked on masters degrees. Nagle received his M.Ed. degree from Florida in 1949 while Southall was awarded a M.A. degree in education there in 1950.

(MORE)

2 -- Southall and Nagle

When the Korean War got underway, Southall, who had earned an Air Force Commission in AFROTC at the University of Florida, was called to active duty as an education officer. He served two years at Robins AFB, Ga., and then returned to the university where he earned a doctor of education degree in 1955.

Nagle, in the meantime, had attended the University of Florida as a doctoral fellow for two years and received his D.Ed. degree in 1952. After receiving his doctorate, Nagle taught at Howard College, in Birmingham, Ala., and Southwestern State College at Durant, Okla.

Southall joined the East Texas State College faculty at Commerce, Tex., as director of student teaching in 1955 after earning his doctorate. Their parallel careers continued even geographically, as Durant, Okla., and Commerce, Tex. are 75 miles apart.

Joining the Tech faculty in 1957 was Southall, who has specialized in student teaching and secondary education courses. Nagle, who was named to the Tech education department faculty this fall, teaches curriculum development and school administration subjects. Both men spend half of their time working with student teachers.

Southall is married to the former Lola Jean Rose of Gainesville, and they have three children. Nagle married the former Zelda West of Tampa and they have five children.

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Department of Public Information
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The closing ceremony of the Good Neighbor Seminar currently being held at Texas Tech will have something of the flavor of an old fashioned commencement today (Friday).

Twelve students from Mexico who are completing the course will display their talents by presenting songs in their native Spanish and delivering brief speeches in English.

The ceremony will be held in the Tech Agriculture building auditorium at 4 p.m. today.

Texas Tech's Brass Sextette, directed by Richard Tolley, will open the program with a selection of musical numbers.

Representing the college administration, Dr. William Bryan Gates, Graduate School dean, will speak to the graduating students and guests.

Some of the special guests, including His Excellency Antonio Carrillo-Flores, ambassador to the U.S. from Mexico, and Watson W. Wise, of Tyler, chairman of the Good Neighbor Commission of Texas, are expected to respond with brief remarks.

Following the performances by the students, Dr. Gates will present each of them with a certificate. Assisting will Dr. Floyd D. Boze, Dean of Admissions and Registrar of the college.

Special guests other than Dr. Carrillo-Flores and Wise will include the members of the special faculty of the Seminar, Consul Luis Pérez Abreu and the staff of the Mexican Consulate in Lubbock, and General Jaime Quiñones of Coahuila, Mexico.

(MORE)

2 -- Good Neighbor Seminar Commencement

Other guests to be honored at the ceremony will be the following members of the Good Neighbor Commission of Texas: Andrés Rivera of San Antonio, vice-chairman of the Commission; Mrs. Kelly McAdams of Austin; R.L. Wheelock, of Corsicana; Conrad Dunagan of Monahans; W.W. Callan of Waco; and Glenn Garrett, executive director of the Commission, Austin.

Also to be honored at the exercises are Neville Penrose of Fort Worth, representing the Good Neighbor Foundation; and Miss Juanita Barbolla, executive secretary of the Foundation of Fort Worth.

The Good Neighbor Seminar which the 12 students have attended has included a program of special courses taught by members of the Tech faculty. In addition, the students have attended other regular classes and have followed a typical pattern of extra-curricular activities while living in the college dormitories.

They have also been frequent guests in private homes during their stay. They will close their Lubbock visit by attending the address to be given by the Ambassador from their country, in the Lubbock Auditorium, Friday at 7:30 p.m.

The program of the Seminar was arranged by the Tech foreign language department. The students are all high ranking English majors of the Escuela Normal Superior of Mexico, selected by the director of their school, and brought to Lubbock through the cooperation of the Ministry of Education of Mexico, the Good Neighbor Commission of Texas, and the Good Neighbor Foundation of Texas.

The public is invited to attend the closing exercises.

2---ROTC students

ODESSA--Larry L. Melton, industrial engineering senior. He is the son of Mr. and Mrs. A. L. Melton (3415 Clearmont).

SAN ANGELO--Lee R. Whitley, math senior. He is the son of Mr. and Mrs. Leroy Fesmire Whitley (2019 Freeland).

SHERMAN--William Hamilton, architecture senior. He is the son of

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Bill Leonard and Louis Young, Texas Tech speech majors, became members of Alpha Psi Omega, national honorary dramatics fraternity, recently.

A junior from Dallas, Leonard was head of lighting in the latest Tech speech production Blood Wedding. Young, Morton junior, was in charge of properties for the same production.

Faculty members who were also initiated included Dr. Bernard Landes and Shirley Cadle, both of the speech department.

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2---ROTC

Mathis --Reeves Brown, junior animal husbandry major.

Midland -- Terry R. Lines, (1402 W. Kentucky), junior personnel management major.

Mt. Pleasant -- George H. Leonberger, sophomore engineering physics major.

Waco -- C. V. Tidwell, (2117 Jane Dr.), sophomore architecture major.

Washington, D. C. -- Donald B. McMurray, (4327 Reno Rd., N.W.), senior chemical engineering major.

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Department of Public Information
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LUBBOCK, Dec. ---Twenty Texas Tech Army ROTC cadets have been awarded good conduct ribbons at a brigade review.

The ribbon is awarded to each basic course cadet completing a semester without demerits and with a "B" average in ROTC training.

The awards were presented by Col. James B. Carvey, professor of military science and tactical at Texas Tech.

Cadets awarded good conduct ribbons include:

Bellaire -- Drel N. Setzer, (536 College), sophomore engineering physics major.

Carthage -- Rodney R. Pate, sophomore mechanical engineering major.

Dallas -- Larry M. DeHay (9236 Pondview), junior marketing major.

Darrouzett -- Edwin Erwin Meier, sophomore agriculture education major.

Dimmitt -- Donald L. Curry, junior animal husbandry major.

Floydada -- Jerry L. Cardinal, sophomore physics major.

Fort Worth -- John O. Evans, (3121 Westcliff Rd., W), sophomore architecture major.

Friona -- Ardith D. Rolen, junior agriculture economics major.

Galveston -- Duane H. Lowe, (1302 Bayoux Shore Dr.), junior chemical engineering major.

Hale Center -- Jerry M. Bell, junior chemical engineering major.

Hamlin -- Virgil L. Wilson, sophomore accounting major.

Lubbock -- David B. Armstrong, sophomore engineering physics major; John F. Bashore, sophomore architecture major; Douglas A. McPeak, sophomore secondary education major; William Lawrence Smith, senior math major.

Mathis -- Reves Brown, junior animal husbandry major.

Midland -- Terry R. Lines, (1402 W. Kentucky), junior personal management major - more -

Mt. Pleasant -- George H. Leeburger, sophomore engineering physics n

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ATTN: SCIENCE EDITORS

LUBBOCK, Dec. --An \$86,000 grant from the National Science Foundation enabling Texas Tech to sponsor a summer institute for high school biology teachers has been accepted by the Tech Board of directors.

Dr. Earl Camp, Tech biology department head, said the eight-week institute will be held between June 1 and Aug. 2 for some 60 high school biology teachers.

Teachers enrolled in the institute will earn six-semester hours of graduate credit in the biological sciences. The participants will also take field trips to New Mexico and to the area of Xilitla, Mexico.

All of the teachers participating in the institute will receive a stipend from the National Science Foundation grant during their two-month stay at Tech.

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ATTN: SCIENCE EDITORS

LUBBOCK, Dec. --Research about the population and living habits of potentially-rabid bats in West Texas by Dr. Don W. Tinkle, Texas Tech biologist, has been authorized by the Tech board of directors.

The Tech board approved Saturday acceptance of a \$6,652 grant from the National Institute of Health to provide the continuing research by Tinkle and Tech biology graduate students.

"Information we gain from this research will be for the good of public health," Tinkle pointed out. "It will help determine procedures for control should the incidence of rabies in bats get to the point where safety measures need to be taken."

He added that much of the information learned in the research will be brought to undergraduate students regarding a mammal about which little is known. Graduate students will also be participating in the study.

The study will entail calculating the number of bats in various colonies by banding them -- a long and tedious process. The life-cycle and mortality of bats in this region will also be determined after banding is completed. Tech biologists will be able to tell by bands how many of the bats return to the same cave each year.

During the banding operation, the biologists will also pick out sick bats. These will be sent to the Southwestern Rabies Control Investigation Center at Los Cruces, N.M., to be analyzed for rabies virus, Tinkle said.

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LUBBOCK, --L. C. Walker announced Saturday (Dec. 12) that he will resign as executive secretary of the Texas Tech Ex-Students Assn., effective as soon as the position can be filled.

Walker told a meeting of the association officers and directors that he wants to be free to develop some personal plans to be announced later.

"As executive secretary of the Tech exes, I've met a lot of wonderful people and have enjoyed my associations with them," Walker said. "I'm looking forward to continued work with Tech as an alumnus."

Walker has been executive secretary of the association since October, 1952. During his time in the office, annual contributions through the association have more than doubled from \$10,450 in 1951 to \$24,235 in 1958.

He originated and developed the association's bank draft authorization plan for contributions which last year totaled approximately \$10,000.

During his seven years as executive secretary, active memberships in the association increased from 2,200 to 3,400.

Walker organized the first Texas Tech Day in 1954. The program is designed to encourage simultaneous meetings of ex-student chapters as a means of supporting Tech.

Forty chapters participated in the first observance and similar programs have been held annually since then, with meetings conducted throughout the country.

Walker also originated the Council of Past Presidents and was instrumental in the inauguration of an annual election and coronation of a homecoming queen. In 1957, he produced a motion picture for the

2--Walker

He has promoted surveys to determine the names of Tech exes who were graduated before the association was formed in 1947.

Walker is now chairman of the fund raising section of District Four of the American Alumni Council. The district includes institutional memberships in Texas, Arkansas and Louisiana.

He was chairman of the District Four conference of the AAC, held at Tech in 1955.

A 1949 graduate of Tech, Walker worked as a commercial artist in Amarillo, spent 11 months in the Air Force and was partner in a Lubbock advertising agency before taking the executive position with the Ex-Students Assn. He is a native of Earth.

Walker is married to the former Gladys Ruth Parnell of Lubbock, a former student at Tech. They have a son, nine-months-old Robert Clayton.

Walker is a past president of the Lubbock chapter of the American Business Club and is past chairman for ABC national awards.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: MARGARET TURNER

For Sunday

The biggest social event of the year for the Texas Tech faculty, a Christmas party, will be held Thursday (Dec. 17) from 8 p.m. to 11 p.m. in the Tech Union Ballroom and adjacent rooms.

There will be games, conversation, and dancing to Sam Baker's Orchestra. Refreshments will be served by the Faculty Women's Club.

The party is for all staff members, faculty and administration. Husbands, wives and dates are invited. Tickets are \$1.50 per person and can be purchased from Burl Abel, department of finance.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

FOR SUNDAY
ATTN: EDUCATION EDITORS

LUBBOCK, Dec. --High schools students throughout the Panhandle, South Plains and far West Texas will take part in a national inventory of aptitudes and abilities as part of Project Talent.

Dr. Robert P. Anderson, Texas Tech associate professor of psychology will direct the talent inventory in West Texas as one of 100 regional coordinators.

"Project Talent will test approximately 500,000 high school students throughout the nation--beginning in March--and will coincide with the 1960 census," Anderson said.

At least nine West Texas community high schools and perhaps more, will participate in this region. Freshman through senior students will take a two-day battery of tests designed to uncover their aptitudes, abilities and interests.

"The test results, for the first time, will provide an inventory of human resources in the United States," Anderson pointed out. "We expect to learn how many potential scientists, doctors, street cleaners teachers, soldiers and other occupational workers there are among today's youth."

Arranged in four sessions of two and a half hours duration, the test will cover 25 areas of knowledge and aptitude such as English comprehension, arithmetic comprehension and reasoning, mechanical reasoning, clerical ability, creativity, preferences and achievement measurements.

West Texas area schools participating in the inventory program include: Lubbock high schools, Anton, Farwell, Fluvanna, Ira, Littlefi

2--Talent Inventory

Anderson said a study of the talent inventory results should provide answers to such national questions as: "What types of school and college -- big or small, public or private -- produce the most successful graduates in specific fields?"

The long range study may also reveal how useful guidance counselors are and what it takes to become a good artist or scientist.

Long range plans include follow-up studies of the same 500,000 people at intervals for almost 25 years.

Making possible such a large-scale testing program is the development of new electronic scoring machines, coupled with high speed electronic computers. Each of the 500,000 sets of student's answer sheets will contain about 2,000 items. It is estimated that these one billion bits of information will require 1,250 machine-hours for initial scoring, reporting to schools and recording on magnetic tape for analysis and follow-up studies.

The survey is being sponsored by the University of Pittsburgh, supported by the United States Office of Education, with assistance from the National Institute of Mental Health and the Office of Naval Research.

####

MAILING SCHEDULE FOR December 7-12

Day	Name of Story	A	B	WS	Explanation
Monday	AFROTC rifle competition				AJ only
	Rickover	x			pg.1 only to AJ, complete to Local & Bd. Dir.
Tuesday	Rickover speech			x	UPI, AP, KGNC-TV Amarillo Reporter-Telegram Midland
Wednesday	Rickover speech	x	x		Bd. Dir.
	Home Ec. banquet awards				HT's --50
	Tech Ex---Lodal	x			
	Dr. Norwood article	x			
	Jimmie Toney Standard Scholarship Winner	x			
	Textile Engineering Opening	x	x	x	Bd. Dir.
	Southall & Nagle CC				Special feat. w/photo to Palatha Daily
Thursday	Good Neighbor Seminar				
	Commencement	x			Bd. Dir.
	Army ROTC Dist.Mil.Students	x			Bd. Dir.
	Speech majors	x			Bd. Dir.
	Talent Inventory in West Texas High Schools	x	x		West Texas Today Mag., HT's, Bd. Dir. Amarillo G-N, Ft. Worth S-T
Saturday	Army ROTC good conduct				AJ only
	Science Summar Institute	x			
	Dr. Tinkle	x	x	x	
	L.C.Walker--Ex-Students Ass.x				
	Faculty Christmas Party CC				AJ only
	CAPTWON: Geology Award CC				AJ only

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—MORE—

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####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

The Texas Tech Air Force ROTC rifle team will compete in the 39th annual William Randolph Hearst ROTC rifle competition Wednesday (Dec. 9) at 7 P.M.

The Tech rifle team will be competing against all other AF ROTC rifle teams in the nation for the AF ROTC championship. The Air Force champion will then vie against the Army and Navy ROTC champions in February for the national championship.

Two teams of five men each will fire on a regulation 50 feet range at Tech, using small bore rifles and targets. The current National Rifle Assn. small bore rifle rules will be used for the matches.

Each team member will fire five shots from each of four positions--prone, sitting, kneeling and standing--with a possible team score of 1,000 points.

After completion of the firing, the scores will be certified and sent with the targets to Washington, D.C. for tabulation. The national winner will receive the William Randolph Hearst National Defense Trophy.

Advisor of the Tech team is Major D.E. Carpenter, Tech instructor in military science and tactics.

Members of the teams include:

Dallas--Chris Guenther, (7148 Birchwood Dr.), freshman.

Grand Prairie--Dennis Heller, freshman.

Houston--Paul Anthony, (4125 Sarong Dr.), freshman.

Lubbock--Dwight Cox, freshman; W.D. Crump, Jr., freshman;

Earl Hobbs, Jr., freshman.

Odessa--Neal Eppinger, (2005 N. Sam Houston), freshman.

Radcliff, Ky.--Richard Catero, sophomore.

Sweetwater--John Durkee, freshman.

####

LUBBOCK, Dec. -- "The belief that our high standard of living guarantees political and military supremacy is potentially our most dangerous illusion," Vice-Admiral H. G. Rickover declared today (Wednesday) at Texas Tech.

Rickover, who spoke before an All-College Convocation in Lubbock Auditorium at 10 A.M., asserted "Illusions Cost Too Much" in his address before the Texas Tech student body and faculty.

What counts is not productivity for its own sake, but how a nation's productivity is used, the Admiral said in pointing out that the nation's "high civilian standard of living may prove to be an actual liability in the contest with totalitarian powers."

He noted that modern totalitarian countries have the advantage of high technical ability in the scientific and military field and a civilian population with a low--but resilient--standard of living. "We must not underestimate the military advantage that totalitarian countries possess, because they combine advanced levels of technology in the public sector with frugality in the private sector of their economy," he said.

"A second reason why our high standard of living may prove a liability is that the intricate system of interlocking economic relationships that maintains our affluent society can easily be disrupted by breaking of but a few links," he declared.

Rickover noted the decline of our public transportation facilities in metropolitan areas, our dependence on the automobile and our centralized industrial complex make us more vulnerable than other major world powers.

(MORE)

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

One of the few leaders to lift the U.S.' sagging technological prestige--Vice-Admiral Hyman G. Rickover--will deliver one of his major addresses of the year today (Dec. 9) at Texas Tech.

The man who fought for and then led the development of the first nuclear-powered submarine will speak at 10 a.m. in Lubbock Municipal Auditorium on "Illusions Cost Too Much."

The public is invited to attend the convocation, Tech officials said. There will be no charge.

The hard-driving Admiral arrived in Lubbock on an Air Force plane at Reese AFB sometime between 3 and 4:30 a.m.

After a brief rest at a local hotel, Rickover will go directly to Lubbock Auditorium for the address, sponsored by the Tech Student Assn.

He will be introduced by Cong. George Mahon of Lubbock.

Rickover, who upset many established procedures in the creation of the atomic sub Nautilus, is becoming widely known for his criticism of some American traditions, particularly in education.

He also is known as a hard worker who takes time for only a few public appearances each year. His visit to Tech is one of these.

Rickover will be guest at a small private reception, sponsored by the Student Assn. in one of the Auditorium rooms immediately after his talk. No other special events are scheduled.

He will leave for Washington, D.C. around noon today.

(MORE)

In the fall of 1958 President Eisenhower nominated Rickover for promotion to vice admiral. He was serving then as head of the naval reactors branch of the Atomic Energy Commission.

The following spring Vice Admiral Rickover received the gold medal that Congress had authorized for his distinguished achievement. It was presented by Senator ^{Clinton} Anderson in a ceremony in the auditorium of the new Senate Office Building.

Anderson, chairman of the Senate-House Atomic Energy Committee, said that Rickover was the third U.S. Navy admiral to be honored with the medal. The others were Richard Byrd, the polar explorer, and Ernest J. King, the Navy's top officer in World War II.

Rickover was cited for his part in the development of nuclear propulsion for ships and also for his work on the nation's first large-scale atomic power plant.

Many of the speakers said that Rickover's determination and drive had made sure the United States and the rest of the free world were ahead of Russia in at least one important area of security--the nuclear-powered, missile-carrying submarine.

When Frol R. Kozlov, first deputy premier of the Soviet Union, was touring the United States in 1959, Rickover escorted him through the Shippingport nuclear power plant. He gave the visitor and his party literature about the plant and answered all questions.

Rickover told Kozlov that as a naval officer he had been interested in building atomic submarines, and the Russian replied:

"It would be better to build atomic surface vessels rather than atomic submarines because atomic submarines are for the purpose of destruction."

(more)

Rickover quipped sharply: "Sure, all Soviet naval vessels have doves of peace on their masts."

At another point, Rickover told Kozlov:

"You talk a lot about peace. Now you can go home and do something about it."

Two weeks later Rickover was a member of the official party of Vice President Richard M. Nixon on a visit to Russia. He found the Russians hesitant about letting him have a close-up look at their atomic ice breaker Lenin and its three reactors.

The shipyard master at Leningrad refused to allow the crusty little admiral into the ship's inner workings at the beginning. Rickover made no effort to hide his impatience while waiting for higher authorities to decide.

Finally permission came through, and for two hours the inquisitive engineer-admiral roved about the ship and studied its reactors. He climbed and crawled to the farthestmost crannies of the vessel. He said he got to see everything he wanted to see.

Rickover told a subcommittee of Senators early in 1968 that if a military man wanted to push a new idea, the first thing he had to do was to decide "he is going to get his head chooped off ultimately."

The subcommittee was investigating U.S. military strength in the light of startling scientific advancements made by the Soviet Union. Rickover's specialty was nuclear propulsion, and in that field at least the United States led Russia and all other countries.

Rickover indicated that the reason he was given a free hand to work on the atomic submarine was not an altruistic one. Rather, he testified, it was because "there were so many people who were certain the project would fail and they did not want to be associated with it."

(more)

"I was kept on, and I was assigned this job all by myself--and given an office in an ~~office-in-an~~ ex-ladies' powder room," he related.

The Senate subcommittee was reported to have received information from the Central Intelligence Agency that the Soviets had missile-firing submarines capable of bombarding American coasts. Rickover said the Navy earlier had turned down his plan to equip American submarines to fire ballistic missiles.

It was while doing work for the Atomic Energy Commission at Oak Ridge, Tenn., in 1946-47 that Rickover became convinced of the feasibility of an atomic submarine. He submitted plans to the Navy for one, but these were turned down. He pursued the matter and succeeded in winning support from Admiral Chester W. Nimitz, Chief of Naval Operation, who had had much submarine experience.

Nimitz wrote a letter to the Secretary of the Navy stating that "the atomic submarine is militarily desirable." The A.E.C. affirmed the practicability of an atomic-powered engine. The Secretary approved an atom-powered submarine project and Rickover went to work on it.

He simultaneously headed the naval reactors branch of the A.E.C. and the nuclear power division of the Navy's bureau of ships.

Rickover selected his staff personally, drawing men from industrial, educational and research fields, as well as from the Navy.

In assigning jobs, he said he was concerned only with a man's ability. Age, rank, civilian or military status did not figure at all.

He wanted and got only those who shared his own burning desire to make nuclear power, whether for Navy craft or factory, a reality. Hard work was the order of the day, with Rickover carrying an enormous load.

A slight, gray-haired, driving individual, he was a dynamo of energy. It was not unusual for him to complete a day's work in Wash-

(more)

5--Rickover

ington, then take a plane for New York, Pittsburg or some other city, and hold conferences with Government contractors far into the night.

He would take a sleeper back to Washington in time to be at his desk by 8 A.M., for another full day's work.

Rickover, in various speeches, called for a complete reorganization of the American educational system. He said that nothing short of that could "equip us for winning the educational race with Russia."

He told of interviewing more than 1,000 young college men and officers interested in nuclear power development and finding only a small percentage who were qualified. That caused him to conclude that "something was radically wrong with the schools and colleges to whom the education of these young men had been entrusted."

Rickover trained his guns on "trivial" courses and the idea "in the name of democracy" that all students should receive the same treatment in spite of widely diverse mental capacities. Longer school days, weeks and years were recommended.

"If we develop all our human resources, we shall be able to insure a high standard of living to our children and grandchildren," he said. "But it cannot be done with 180-day school years, driving training courses and print shops in high school."

Someone once said of Rickover that he "seldom looks at the present, always looks at the future." His philosophy was this: "The more you sweat in peace, the less you bleed in war." And he worked hard at spreading the doctrine that the United States must do a lot of sweating if it expected to keep a technological lead over the Soviets.

Rickover graduated from the U.S. Naval Academy in 1922, and returned there five years later to study electrical engineering in the postgraduate school. Then the Navy sent him to Columbia University to

(more)

6--Rickover

continue his study. He received a degree of master of science in electrical engineering.

After taking submarine training at the base in New London, Conn., he spent three years in submarines. He previously had seen service in surface ships.

During most of World War II he served in the Navy's bureau of ships and won the Legion of Merit for his work as head of its electrical section. He also was cited for his service as head of a repair base at Okinawa. The British government decorated him.

Rickover was born January 27, 1900, in Russia, the son of Jewish parents. His father, a tailor, came to the United States in 1904 and settled on New York's lower East Side. Two years later he brought over his wife and two children. The family moved to Chicago in 1910 and there the future naval officer was reared.

While in high school he held after-school jobs, including those of delivery boy and telegraph messenger. He received an appointment to Annapolis and graduated in the top quarter of his class.

He was married in 1931 to Ruth Dorothy Masters, whom he met while attending Columbia University. They had one son, Robert.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --- Texas Tech home economics students who have received awards and scholarships during the year were recognized at a Home Economics Club Banquet on the Tech campus.

Eight entering freshmen who show exceptional promise on their college entrance examinations are annually awarded the Sears-Roebuck Foundation awards. This year recipients are;

Bovina--Nickie Joyce Woelfel

Friona--Mary Ann Stacy

Houston--Kay King, (6645 Lindy Lane); Frances Annette Sims,
(9020 Wickford Dr.).

O'Donnell--Sarah Lou Prather

Robert Lee--Eunice Blair

Ropesville--Graciela Riojas

San Antonio--Jean Greer

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

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Tahoka sophomore, Marilyn Camack, received the Home Economics Club award. She received her State degree in the Future Homemakers of America where she held both local and area offices.

####

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Texas Technological College
Adrian Vaughan, Director

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Ethel Foster Scholarships given on the basis of character, personality, scholarships and financial need went to:

Albany--Carolyn Vines, sophomore

Borger--Marcia Campbell, sophomore

Claude--Nelda Kelley, senior

Dallas--Mary Wallace, junior (4194 Saranac Dr.)

El Paso--Sondra Williams, senior (2411 Montana); Martha Jane Wynes, senior (3905 Chester)

Leming--Edwina Rakowitz, sophomore

Levelland--Editha Fussell, junior

Lovington, N.M.--Nancy Lowery, junior (1105 W. Van Buren)

Lubbock--LaRue Elliott, sophomore; Barbara Law, senior

Pampa--Dorothy Ann Ayres, junior (923 E. Browning)

Pasadena--Julia Kelley, senior (107 Alastair)

Waco--Peggy Maloy, sophomore (1920 Algonguin)

White Deer--Carolyn Anderwald, junior
####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

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Jean Schepers was awarded the Borden Company Foundation Scholarship. Senior from McGregor, Miss Schepers received the award on the basis of having the highest average grade in all college work preceding the senior year. The annual scholarship is for \$300.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

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Two Techsians from Canadian were awarded scholarships. Carolann Pinson, junior, was awarded the Lubbock Panhellenic Society's scholarship of \$75, which goes to a student who has maintained at least a 2 point grade average and is of junior or senior standing.

Mrs. Zella Meeks received the \$500 Cagle Scholarship in Applied Arts. The senior student was granted the award on the basis of demonstrated academic achievement, technical proficiency and personal qualities considered to be of value in interior decorating.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. ---Texas Tech home economics students who have received awards and scholarships during the year were recognized at a recent Home Economics Club Banquet on the Tech campus.

Students recognized were;

Lancaster--Ruth Anne Strain, senior, who received the Elmira Belcha Scholarship given by the Texas Dietetic Assn.; and the Delta Delta Delta Scholarship.

Lovington, N.M. --Nancy Lowery, junior recipient of the Van Dyke Scholarship from the Atlantic Refining Co.

Pampa---Dorothy Ann Ayres, junior who was awarded the Cabot Carbon Co. Scholarship.

Phillips---Dorene Drake, junior who received the Phillips Petroleum Co. Scholarship.

Ropesville--Rosa Riojas, senior awarded the Hiram Parks Scholarship.

Wichita Falls---Shirley Warren, graduate food and nutrition major and recipient of the Jonnie McCrery Michie Graduate Fellowship in Food and Nutrition.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. ---Texas Tech home economics students who have received awards and scholarships during the year were recognized at a recent Home Economics Club Banquet on the Tech campus.

The Melba Mae Maxey Scholarships of \$350 each were awarded to three students, who maintained exceptionally high grade point averages, and made definite contributions to the School of Home Economics. They were;

Redwood City California-- Winifred Parrott, sophomore with a 2.91 overall average

Rochelle--Linda Lu Hagler, senior, with a 2.77 overall average and the highest ranking student in the School of Home Economics as a freshman and sophomore.

Sagerton--Lynnell Fouts, junior who maintains a 2.87 grade average and was the highest ranking student in the School of Home Economics in the spring of 1959.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. ---Texas Tech home economics students who have received awards and scholarships during the year were recognized at a recent Home Economics Club Banquet on the Tech campus.

Billye King, sophomore from Loop, received the District II Home Demonstration Club Award. Miss King, first place winner in several county dress revues, also was state winner in Home Improvement, for which she received an all-expense paid trip to the National 4-H Club Congress in Chicago.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. ---Texas Tech home economics students who have received awards and scholarships during the year were recognized at a recent Home Economics Club Banquet on the Tech campus.

Class scholarships awarded by the school went to;

Littleton, Colo.--Harriet Hocker Lee, sophomore

Lubbock--Sylvia Jane Williams, junior

Odessa--Sallie Jonell Pickett, freshman

Other freshman students recognized for receiving tuition scholarships as valedictorians of their high school graduating classes were;

Anton--Betty Choate

Clyde--Dorothy Crook

Lockney--Debra Arlene Ferguson

Lubbock--Vernita Gillespie, Jean Greer

Robert Lee--Eunice Leora Blair

Roby--Armintha Kemp

Tokio--Brenda Suddarth

West--Olivia June Dvoracek

Zephyr--Peggie Tongate

###

Olaf T. Lodal, a 1932 Texas Tech graduate and a consulting engineer in San Antonio, has been elected state president of the Texas Society of Professional Engineers for 1960. He is past president of the Tech Ex-Students Assn.

A native of Brownwood, Lodal received his bachelor of science degree in electrical engineering from Tech in 1932. He became registered as a professional engineer in Texas in the civil and electrical branches. He is also a registered professional engineer in New Mexico, Oklahoma and Arizona.

After his graduation from Tech, he was employed by the State Highway Department on location, design, and construction of highways and bridges, and later with the statewide planning survey.

He entered private practice as a consulting engineer in 1939 and has continued to practice in the utility engineering field with his home office located in San Antonio.

In 1940, he married Daisy Warriner of Fort Worth. They have two sons, Jan, 16, and Gene, 14.

Currently, Lodal is first vice-president of the Texas Society of Professional Engineers and chairman of the budget and finance committee. He has served as second vice-president, director-at-large and chairman of various committees.

His memberships include the American Institute of Electrical Engineers, in which he has served as chairman of the South Texas Section; 13 years in the Alamo Heights Lions Club; serving on the Board of Deacons of the Alamo Heights Presbyterian Church; and vice-chairman of the Sam Houston district of the Alamo Area Council of the Boy Scouts of America.

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Dr. Fred W. Norwood, Texas Tech accounting professor, is author of an article in the annual meeting issue of the Southwestern Social Science Quarterly.

The article deals with management services by certified public accountants.

Dr. Norwood is a certified public accountant and a member of the American Institute of Accountants, the American Accounting Assn., the Texas Society of Certified Public Accountants, and the Texas Assn. of University Instructors in Accounting.

###

Outstanding scholarship plus interest in extra-curricular activities and citizenship equal \$500 for Texas Tech senior, Jimmie Toney.

A geology major from Borger, Toney is the recipient of the \$500 Standard Oil Co. of Texas scholarship in geology. The award is made available to a student who has shown outstanding merit in scholarship, as well as ability to be a good citizen and take part in extra-curricular activities.

Standard of Texas also makes \$1¼ million in awards and grants available each year for research and study in Texas colleges and universities. In addition to the geology scholarship, Tech also receives \$500 annually from Standard for unrestricted use by the geology department.

Toney maintains a 2. grade average and has been president of Sigma Gamma Epsilon geology department honorary, and a member of the Geology Club.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: AG EDITORS

LUBBOCK, --Texas Tech will open its new textile research center with ribbon cutting ceremonies at 2 p.m. Monday (Dec. 14).

Located in the heart of the world's third largest inland cotton-producing market, the center will contain more than 15,000 square feet of laboratories for studying the staple from its molecules to its final weaving into a fabric.

It is thought to be the world's first cotton research center to have complete temperature and humidity control for the study of cotton processing in all the phases mentioned.

The windowless building cost more than \$400,000.

Approximately 12,000 square feet of laboratories are assigned for the basic processing operations for cotton: opening the bale, picking it, carding the fiber, drawing it and carrying out the other processes through spinning and weaving.

Some 3,000 square feet are devoted to laboratories for fiber testing and chemical studies.

Dr. R.C. Goodwin, Tech's acting president, will make an official statement opening the new labs as representatives of the U.S. Department of Agriculture, National Cotton Council, Plains Cotton Growers and other segments of the textile industry look on.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

The closing ceremony of the Good Neighbor Seminar currently being held at Texas Tech will have something of the flavor of an old fashioned commencement today (Friday).

Twelve students from Mexico who are completing the course will display their talents by presenting songs in their native Spanish and delivering brief speeches in English.

The ceremony will be held in the Tech Agriculture building auditorium at 4 p.m. today.

Texas Tech's Brass Sextette, directed by Richard Tolley, will open the program with a selection of musical numbers.

Representing the college administration, Dr. William Bryan Gates, Graduate School dean, will speak to the graduating students and guests.

Some of the special guests, including His Excellency Antonio Carrillo-Flores, ambassador to the U.S. from Mexico, and Watson W. Wise of Tyler, chairman of the Good Neighbor Commission of Texas, are expected to respond with brief remarks.

Following the performances by the students, Dr. Gates will present each of them with a certificate. Assisting will Dr. Floyd D. Boze, Dean of Admissions and Registrar of the college.

Special guests other than Dr. Carrillo-Flores and Wise will include the members of the special faculty of the Seminar, Consul Luis Pérez Abreu and the staff of the Mexican Consulate in Lubbock, and General Jaime Quiñones of Coahuila, Mexico.

(MORE)

Other guests to be honored at the ceremony will be the following members of the Good Neighbor Commission of Texas: Andrés Rivera of San Antonio, vice-chairman of the Commission; Mrs. Kelly McAdams of Austin; R.L. Wheelock, of Corsicana; Conrad Dunagan of Monahans; W.W. Callan of Waco; and Glenn Garrett, executive director of the Commission, Austin.

Also to be honored at the exercises are Neville Penrose of Fort Worth, representing the Good Neighbor Foundation; and Miss Juanita Barbolla, executive secretary of the Foundation of Fort Worth.

The Good Neighbor Seminar which the 12 students have attended has included a program of special courses taught by members of the Tech faculty. In addition, the students have attended other regular classes and have followed a typical pattern of extra-curricular activities while living in the college dormitories.

They have also been frequent guests in private homes during their stay. They will close their Lubbock visit by attending the address to be given by the Ambassador from their country, in the Lubbock Auditorium, Friday at 7:30 p.m.

The program of the Seminar was arranged by the Tech foreign language department. The students are all high ranking English majors of the Escuela Normal Superior of Mexico, selected by the director of their school, and brought to Lubbock through the cooperation of the Ministry of Education of Mexico, the Good Neighbor Commission of Texas, and the Good Neighbor Foundation of Texas.

The public is invited to attend the closing exercises.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --Twelve senior Army ROTC students at Texas Tech have been designated as Distinguished Military Students, Col. James B. Carvey, professor of military science and tactics, announced, Thursday.

Army ROTC cadets who win the DMS citation are eligible to apply for Regular Army commissions when they are graduated from Tech.

To qualify for the award, DMS cadets must demonstrate outstanding qualities of leadership and aptitude for military service, be in the upper half of the academic class and in the upper 10 per cent of his military science class.

The cadets are nominated by the Army ROTC commander and the students' academic deans.

Receiving the Distinguished Military Student awards were:

ABILENE--James A. Watts, marketing senior. He is the son of Mr. and Mrs. A. H. Watts (317 Westridge).

CORPUS CHRISTI--Jo W. Bird, industrial engineering senior. He is the son of Mr. and Mrs. W. W. Bird (650 Sorrell).

DENVER CITY--Billy F. Brown, electrical engineering senior. He is the son of Mr. and Mrs. Floyd O. Brown.

HEREFORD--Donald Zimmerman, speech senior. He is the son of Mr. and Mrs. D. D. Zimmerman.

HOUSTON--Roy E. Mason, architecture senior. He is the son of Mrs. Helen C. Mason (7710 Park Place Blvd.).

LUBBOCK--Marvin Armstrong, mechanical engineering junior. He is the son of Mr. and Mrs. Marvin C. Armstrong (2620 26th St.); James L. Ward Jr., chemical engineering junior (2018 10th St.). He is the son of Mr. and Mrs. G. C. Ward (1904 28th St.).

-more-

2---ROTC students

ODESSA--Larry L. Melton, industrial engineering senior. He is the son of Mr. and Mrs. A. L. Melton (3415 Clearmont).

SAN ANGELO--Lee R. Whitley, math senior. He is the son of Mr. and Mrs. Leroy Fesmire Whitley (2019 Freeland).

SHERMAN--William Hamilton, architecture senior. He is the son of Mr. and Mrs. J. L. Hamilton (703 W. Brockett).

SPEARMAN--Johnny G. Campbell, history senior. He is the son of Mr. and Mrs. Leo L. Campbell.

TEXARKANA--Frank J. Henry, chemical engineering senior. He is the son of Mr. and Mrs. J. F. Henry. (110 McArthur)

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Bill Leonard and Louis Young, Texas Tech speech majors, became members of Alpha Psi Omega, national honorary dramatics fraternity, recently.

A junior from Dallas, Leonard was head of lighting in the latest Tech speech production Blood Wedding. Young, Morton junior, was in charge of properties for the same production.

Faculty members who were also initiated included Dr. Bernard Landes and Shirley Cadle, both of the speech department.

####

LUBBOCK, Dec. --High schools students throughout the Panhandle, South Plains and far West Texas will take part in a national inventory of aptitudes and abilities as part of Project Talent.

Dr. Robert P. Anderson, Texas Tech associate professor of psychology, will direct the talent inventory in West Texas as one of 100 regional coordinators.

"Project Talent will test approximately 500,000 high school students throughout the nation--beginning in March--and will coincide with the 1960 census," Anderson said.

At least nine West Texas community high schools and perhaps more, will participate in this region. Freshman through senior students will take a two-day battery of tests designed to uncover their aptitudes, abilities and interests.

"The test results, for the first time, will provide an inventory of human resources in the United States," Anderson pointed out. "We expect to learn how many potential scientists, doctors, street cleaners, teachers, soldiers and other occupational workers there are among today's youth."

Arranged in four sessions of two and a half hours duration, the test will cover 25 areas of knowledge and aptitude such as English comprehension, arithmetic comprehension and reasoning, mechanical reasoning, clerical ability, creativity, preferences and achievement measurements.

West Texas area schools participating in the inventory program include: Lubbock high schools, Anton, Farwell, Fluvanna, Ira, Littlefield, El Paso, Three-Way High School near Morton, and Ector High School in Odessa.

—MORE—

2--Talent Inventory

Anderson said a study of the talent inventory results should provide answers to such national questions as: " What types of school and college -- big or small, public or private -- produce the most successful graduates in specific fields?"

The long range study may also reveal how useful guidance counselors are and what it takes to become a good artist or scientist.

Long range plans include follow-up studies of the same 500,000 people at intervals for almost 25 years.

Making possible such a large-scale testing program is the development of new electronic scoring machines, coupled with high speed electronic computers. Each of the 500,000 sets of student's answer sheets will contain about 2,000 items. It is estimated that these one billion bits of information will require 1,250 machine-hours for initial scoring, reporting to schools and recording on magnetic tape for analysis and follow-up studies.

The survey is being sponsored by the University of Pittsburgh, supported by the United States Office of Education, with assistance from the National Institute of Mental Health and the Office of Naval Research.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. ---Twenty Texas Tech Army ROTC cadets have been awarded good conduct ribbons at a brigade review.

The ribbon is awarded to each basic course cadet completing a semester without demerits and with a "B" average in ROTC training.

The awards were presented by Col. James B. Carvey, professor of military science and tactics at Texas Tech.

Cadets awarded good conduct ribbons include:

Bellaire -- Drel N. Setzer, (536 College), sophomore engineering physics major.

Carthage -- Rodney R. Pate, sophomore mechanical engineering major.

Dallas -- Larry M. DeHay (9236 Pondview), junior marketing major.

Darrouzett -- Edwin Erwin Meier, sophomore agriculture education major.

Dimmitt -- Donald L. Curry, junior animal husbandry major.

Floydada -- Jerry L. Cardinal, sophomore physics major.

Fort Worth -- John O. Evans, (3121 Westcliff Rd., W), sophomore architecture major.

Friona -- Ardith D. Rolen, junior agriculture economics major.

Galveston -- Duane H. Lowe, (1302 Bayoux Shore Dr.), junior chemical engineering major.

Hale Center -- Jerry M. Bell, junior chemical engineering major.

Hamlin -- Virgil L. Wilson, sophomore accounting major.

Lubbock -- David B. Armstrong, sophomore engineering physics major; John F. Bashore, sophomore architecture major; Douglas A. McPeak, sophomore secondary education major; William Lawrence Smith, senior math major.

2---ROTC

Mathis --Reeves Brown, junior animal husbandry major.

Midland -- Terry R. Lines, (1402 W. Kentucky), junior personnel management major.

Mt. Pleasant -- George H. Leonberger, sophomore engineering physics major.

Waco -- C. V. Tidwell, (2117 Jane Dr.), sophomore architecture major.

Washington, D. C. -- Donald B. McMurray, (4327 Reno Rd., N.W.), senior chemical engineering major.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: SCIENCE EDITORS

LUBBOCK, Dec. --An \$86,000 grant from the National Science Foundation enabling Texas Tech to sponsor a summer institute for high school biology teachers has been accepted by the Tech Board of directors.

Dr. Earl Camp, Tech biology department head, said the eight-week institute will be held between June 1 and Aug. 2 for some 60 high school biology teachers.

Teachers enrolled in the institute will earn six-semester hours of graduate credit in the biological sciences. The participants will also take field trips to New Mexico and to the area of Xilitla, Mexico.

All of the teachers participating in the institute will receive a stipend from the National Science Foundation grant during their two-month stay at Tech.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: SCIENCE EDITORS

LUBBOCK, Dec. --Research about the population and living habits of potentially-rabid bats in West Texas by Dr. Don W. Tinkle, Texas Tech biologist, has been authorized by the Tech board of directors.

The Tech board approved Saturday acceptance of a \$6,652 grant from the National Institute of Health to provide the continuing research by Tinkle and Tech biology graduate students.

"Information we gain from this research will be for the good of public health," Tinkle pointed out. "It will help determine procedures for control should the incidence of rabies in bats get to the point where safety measures need to be taken."

He added that much of the information learned in the research will be brought to undergraduate students regarding a mammal about which little is known. Graduate students will also be participating in the study.

The study will entail calculating the number of bats in various colonies by banding them -- a long and tedious process. The life-cycle and mortality of bats in this region will also be determined after banding is completed. Tech biologists will be able to tell by bands how many of the bats return to the same cave each year.

During the banding operation, the biologists will also pick out sick bats. These will be sent to the Southwestern Rabies Control Investigation Center at Los Cruces, N.M., to be analyzed for rabies virus. Tinkle said.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --L. C. Walker announced Saturday (Dec. 12) that he will resign as executive secretary of the Texas Tech Ex-Students Assn., effective as soon as the position can be filled.

Walker told a meeting of the association officers and directors that he wants to be free to develop some personal plans to be announced later.

"As executive secretary of the Tech exes, I've met a lot of wonderful people and have enjoyed my associations with them," Walker said. "I'm looking forward to continued work with Tech as an alumnus."

Walker has been executive secretary of the association since October, 1952. During his time in the office, annual contributions through the association have more than doubled from \$10,450 in 1951 to \$24,235 in 1958.

He originated and developed the association's bank draft authorization plan for contributions which last year totaled approximately \$10,000.

During his seven years as executive secretary, active memberships in the association increased from 2,200 to 3,400.

Walker organized the first Texas Tech Day in 1954. The program is designed to encourage simultaneous meetings of ex-student chapters as a means of supporting Tech.

Forty chapters participated in the first observance and similar programs have been held annually since then with meetings conducted throughout the country.

Walker also originated the Council of Past Presidents and was instrumental in the inauguration of an annual election and coronation of a homecoming queen. In 1957, he produced a motion picture for the association. The film tells of modern-day Tech activities.

(MORE)

He has promoted surveys to determine the names of Tech exes who were graduated before the association was formed in 1947.

Walker is now chairman of the fund raising section of District Four of the American Alumni Council. The district includes institutional memberships in Texas, Arkansas and Louisiana.

He was chairman of the District Four conference of the AAC, held at Tech in 1955.

A 1949 graduate of Tech, Walker worked as a commercial artist in Amarillo, spent 11 months in the Air Force and was partner in a Lubbock advertising agency before taking the executive position with the Ex-Students Assn. He is a native of Earth.

Walker is married to the former Gladys Ruth Parnell of Lubbock, a former student at Tech. They have a son, nine-months-old Robert Clayton.

Walker is a past president of the Lubbock chapter of the American Business Club and is past chairman for ABC national awards.

#####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --Texas Tech's Dr. Ralph S. Underwood has been named a Piper Professor of 1959.

He is one of 10 Texas teachers to receive the recognition from the Minnie Stevens Piper Foundation of San Antonio. Each winner is given a certificate and check for \$1,000 for doing outstanding jobs of teaching, research and community service.

Dr. Underwood, a mathematics professor at Tech, is one of 150 persons nominated this year for the award. His name and record were submitted by the Tech Faculty Advisory Committee.

A primary factor in Dr. Underwood's award was his research in extended analytic geometry, a special field of mathematics in which he has pioneered.

He has just completed a 70,000-word manuscript on extended analytics and is author of a 4,000-word article on this new field in the Encyclopedia Americana.

Dr. Underwood has been on the Tech faculty since 1927. He has bachelor's and master's degrees from the University of Minnesota and a doctorate from the University of Chicago.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --Texas Tech is saying "Merry Christmas" to Lubbockites and visitors in a special way this year.

Approximately 5,000 Christmas lights are outlining the science quadrangle, consisting of the Chemistry, Science and Library buildings.

The special Yuletide display is being made possible through a gift by Harold Hinn of Plainview, a Tech Board of Directors member.

More than 5,000-feet of wire is used to string the red, yellow and white bulbs. Most of the display already is up. A few more lights may be added Monday.

Spectators can get the best view of the lights by driving around Tech Memorial Circle.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

CAPTION:

TRY THAT FOR SIZE!, says Ada Jane Meissner (left), senior home economics education major from Midland, to Laura Lathrop (right), sophomore clothing and textiles major from Carlsbad, N.M. Miss Lathrop gets the feel of modeling a silver green corduroy coat which she will wear in the All-Cotton Fashion Show Jan. 26. Miss Meissner, is one of the Tech home economics students making garments to be worn in the show. Their patterns are the latest from Vogue Patterns or original designs. The show, sponsored by the Plains Cotton Growers Assn., will be in the Lubbock Municipal Auditorium at 8 p.m., and will be given twice in the afternoon. Matinee time will be set later. Cottons the year 'round and cotton wear around the clock will be featured. --- (Texas Tech Photo).

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

A Texas Tech English professor has received praise for his "literary detective work" from the ultimate source -- the firm he was writing about.

The scholar is Dr. Alan Strout. His research article, "Maga Bibliography, 1817-1825," is on papers from the early days of Blackwood's Magazine, a British publication.

In a letter to Dr. Strout, Director Fred Tredrey of Blackwood's said, "I had not guessed you had done so much deep and extensive research into the Blackwood papers.

"This is a formidable piece of scholarship and I have already spent several hours absorbed in its contents."

Tredrey added that "I need hardly say that the early days that your pages bring to life have a special appeal for me and I have learned a lot more about them by reading these results of your literary detective work. The book will be of the greatest use to librarians and to students of nineteenth century literature."

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. -- The faculty of the Texas Tech biology department and the Tech library staff have presented a four-volume set of the Medical Botany books in memory of Dr. Richard A. Studhalter, former head of the Tech biology department.

Dr. Studhalter was biology department head from the time that Tech opened in 1925 to 1948 when he asked to be relieved of his duties as department head. During his first seven years at Tech, he was pre-med advisor.

He continued to teach until his death on March 29, 1958.

The biologist received a bachelor of arts degree at the University of Texas, a master of arts degree at Washington University of St. Louis, and his Ph.D. degree at the University of Chicago.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Scholarly pigeons at Texas Tech will come under fire Saturday afternoon as "Operation Squab" gets underway.

The annual event, sponsored by the Army and Air Force ROTC units, will be held from 3 to 5 p.m. to help rid the campus of pigeons and sparrows. All traffic will be barred to the campus at that time.

Participating in the shoot will be Army and Air Force ROTC cadets, Tech faculty members and all Lubbock Gun Club members. Shotguns used will be limited to 12, 16 and 20 gauge. Shot size is limited to 6, 7 and 8.

Co-Chairmen of the shoot are Army Cadet Col. Johnny G. Campbell and Air Force Cadet Lt. Col. V.A. Buck.

All shooters will be assigned stations and firing will commence at the first sounding of the Tech bell and cease the second time the bell is rung. All of the sportsmen will police their own shell casing and pickup recoverable pigeons. Participants will be required to report the number of birds killed. No birds will be shot on the roof.

The annual pigeon shoot is held to help control disease and reduce building maintenance problems.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: FINE ARTS/ TRAVEL EDITORS

LUBBOCK, Dec. -- Texas Tech's department of music is scheduling a travel course in Europe for the second term of the 1960 summer session.

The course offers six semester hours of credit and may be carried as elective credit. A limited number of persons other than students may accompany the class directed by Dr. Gene Hemmle, head of the Tech music department.

The class will leave Idlewild Airport in New York City on the afternoon of July 13 and will return on August 21. The 40 days abroad will be spent touring eight of the European countries.

Five great music festivals are on the tour for the class. They will visit palaces, cathedrals, art treasures, museums and places where music masterpieces were written or first performed.

The tour will include trips to Paris, Fontainebleau, Barbizon, and Versailles, France; Geneva, Switzerland; Milan, Pisa, Rome, and Florence, Italy; Munich, Cologne, Dusseldorf, and Bonn, Germany.

While in Milan, the group will see the Last Supper, Ambrosiana Gallery, La Scala Opera House, and the Verdi Museum. In Pisa, the class will see the Leaning Tower and other points of interest.

Pitti and Uttizi galleries will be included in a sightseeing tour of Florence. Visits to St. Marks and the Palace of the Doge and an evening cruise in gondolas will highlight the stay in Venice.

The Munich Festival in Munich, a cruise down the Rhine River and a visit to the house of Beethoven in Bonn are included in the tour in Germany.

Membership of the group is limited to fifteen students.

Students interested in making reservations should call Dr. Gene Hemmle at the department of music, telephone extension 345.

####

2--Alpha Phi Omega pledge initiation

LAMESA: Lyndell S. King, sophomore mechanical engineering major
(305 N. Ave. Q).

PASADENA: Thomas E. Sayre, sophomore mechanical engineering major
(708 E. Cartis).

SAN ANGELO: Keith Glover, junior education major (602 Upton).

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. -- Alpha Phi Omega, national men's service fraternity at Texas Tech, announces the initiation of 17 pledges and election of new officers.

Elton Steelman, senior electrical engineering major of Plainview and Tech chapter president, handed the gavel to president-elect Jim Dinsmore, senior industrial engineering major of 6551 Greenway Rd., Fort Worth.

Other new officers included:

OLTON: Don Mason, junior accounting major.

SUNDOWN: Jerald R. Bell, senior petroleum engineering major (Rt. 5 Levelland).

Pledges include:

ABILENE: Dow Patterson, freshman architect design major (3190 Over St.).

BIG SPRING: Cliff M. Epps, freshman mechanical engineering (507 Edwards Blvd.).

DALLAS: Bill Ed Kaun, sophomore civil engineering major (7025 South Ridge Dr.); Harold A. Moore Jr., junior industrial management (3808 Rockford Drive).

FORT WORTH: Charles Byron Christian, freshman electrical engineering major (505 Karnes St.); Paul C. Dinsmore, freshman electrical engineering major (6551 Greenway); Wayne K. Hillin, freshman electrical engineering major (3201 Hanover); William B. Leverich, sophomore electrical engineering major (4104 Southwest Blvd.); William D. McAdams, freshman electrical engineering major (312 Judkins).

~~HOUSTON: Harley H. Hannsz, freshman math major (1529 Dorothy).~~

(MORE)

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(MORE)

MASON -- Tommy Schmidt, 2.01 grade-point average; senior arts and sciences major. His activities include: Toreador editor, news editor, issue editor; Sigma Delta Chi, secretary, treasurer; Tech Union Board; Pi Kappa Alpha; Southwest Conference Sportsmanship Committee.

MEMPHIS -- Billie Jean Stroehle Smith, 2.94 grade-point average; senior arts and sciences major. Her activities include: Texas Assn. of German Students, president, vice president; Alpha Lambda Delta, senior adviser; Kappa Mu Epsilon, secretary; Der Kiederkrantz, president; Junior Council, treasurer; Mortar Board; Lychnos; Phi Kappa Phi; All-College Recognition Service; Texas Tech Scholarship for Upperclassmen; Gamma Phi Beta.

MENARD -- Duery Menzies, 2.42 grade-point average; senior agriculture major. His activities include: Alpha Zeta, president; Student Council; Aggie Club, president, vice president, representative; Aggie representative to B.S.O. Council; Horticulture Club, vice president; Senior Dairy Cattle Judging Team; College Awards Board Committee; Texas Garden Club Scholarship; All-College Recognition Service; Phi Kappa Phi; Phi Gamma Delta.

MCGREGOR -- Jean Schepers, 2.54 grade-point average; senior home economics major. Her activities include: A.W.S., president; Mortar Board, president; Pi Beta Phi, president; Drane Hall, chaplain, A.W.S. representative; Home Economics Club, social chairman; All-College Recognition Service; Tech Salutes; Who's Who Among Students in American Universities and Colleges; Phi Upsilon Omicron; Junior Council; Alpha Lambda Delta; Highest grade-point average in the School of Home Economics.

MIDLAND -- Ada Jane Meissner (RFD #2, Box 191 M), 1.81 grade-point average; senior home economics major. Her activities include: Associate Justice of the Supreme Court; Gamma Delta, secretary, treasurer; Phi Upsilon Omicron, president, chaplain; Dean's Honor Roll; Sears Scholarship; Home Economics Club.

###

2--Red Raider

However, the younger Lubbockites are still not convinced that Rhea is not a character borrowed from the TV set. A youngster of a Bell Telephone Co. official recently took one look at the 1960 directory and gleefully noted "Mommy lock, Daddy put Zoro on the telephone book!"

Hud, a junior at Tech and 1956 graduate of Monterey High School, is the son of Mr. and Mrs. J. B. Rhea. He is a member of the Block and Bridle Club, Alpha Zeta, honorary agriculture organization, and Phi Eta Sigma, national scholastic honorary for freshmen men.

He keeps Beau Black and three mares at his parent's place on the Levelland Highway, and says his main concern in leading the Raiders on the field is riding at full gallop. The even-tempered Beau Black has not disappointed Rhea. Even the fierce-looking cougar brought by the University of Houston on Homecoming, rated only a swing of the head by Beau Black.

Tech Beauty, formerly the Red Raider's mount, has been retired to motherhood.

####

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

by Merium Jackson, staff writer
Texas Tech Public Information

A masked rider in red whose ~~foot~~ black steed moves like
lightning!

The Lone Ranger? Zoro? No - it's not a TV illusion, But
Hud Rhea, the Texas Tech Red Raider.

The masked Techsan, who sits tall in the saddle and reminds
many a young TV fan of his favorite Spanish hero or the "masked
man" of the West, is a 21-year-old animal husbandry major from
Lubbock. The black stallion, called Beau Black, Rhea raised from
a colt, and considers him "one of the family". The midnight-black
steed is a two-year old purebred Quarterhorse. Though not fully
grown, he is partially trained as a roping and cutting horse.
Beau Balck is also registered with the American Quarterhorse Assn.

The Red Raider is the traditional Texas Tech symbol. Before
each football clash, Rhea and Beau Black lead the Techsans on the
field in a full gallop, through a double line of red shirted
Saddle Tramps. The colorful sight usually brings Techsans to their
feet for the Big Red Team.

This year Bell Telephone Co. has featured the Red Raider and
his stallion on the front of the Lubbock Telephone Directory. They are
pictured in color, in front of Tech's West Engineering Building

-more-

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

TEXAS TECH CUTLINE...

TECH RANGE STUDENT CITED -- Dr. Gerald W. Thomas, left, Texas Tech agriculture dean, congratulates Billy F. Caddell, Tech senior range management-agronomy major from Fort Worth, who received an "Outstanding Range Student Award" at a recent meeting of the Texas Section, American Society of Range Management, in Wichita Falls. Dr. Francis M. Churchill, agriculture department head at Abilene Christian College, cited Caddell as the Texas Tech representative along with two other award winners. The student award is based on a comprehensive examination and other achievements in range management.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --Texas Tech's new textile research laboratories were formally opened here Monday (Dec. 14) with facilities to better serve the textile and cotton producing industries.

Dr. R.C. Goodwin, acting president at Texas Tech, said the new research center--located in the heart of the world's third largest inland cotton-producing market--is one of two in the nation with equipment to process cotton from the bale to spun yarn.

He pointed out that the cotton research labs have complete temperature and humidity control to simulate textile processing in all climates, with facilities to study staple from its molecular structure to its final weaving into a fabric.

The windowless lab building has 15,000 square feet of floor space and cost more than \$400,000.

At a dedication dinner meeting held Monday night in connection with the opening, Dan Poole, manager of a Sherman textile mill, outlined problems currently facing textile and cotton producers.

Where the cotton textile industry was once the victim of research, today it is benefiting from scientific research--and now faces serious competition from foreign manufacturers, Poole declared.

"Increases in productivity and know-how have greatly strengthened the economic position of our industry, except for one thing," Poole said, adding that government control--in the form of acreage control, price support and tariff policy--is economically unsound because it leads "ultimately to the destruction of the market for the commodity it is supposed to assist."

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

A Texas Tech English professor challenges a popular interpretation of Hawthorne's "Young Goodman Brown" with an article in the magazine, "Discourse: A Review of the Liberal Arts."

The interpretation analyzed by Dr. J.T. McCullen, Jr. in the article is that Hawthorne left "Young Goodman Brown" with an ambiguity of meaning because of an unwillingness to declare flatly that evil is the nature of mankind.

This rests upon the assumption that in "Young Goodman Brown" Hawthorne was primarily concerned with whether evil is the nature of mankind, McCullen declares.

"This assumption is not tenable," McCullen writes, "for, instead of so generalizing, Hawthorne explored a particular human situation, the complexity of which is beyond the grasp of a simple individual like Goodman Brown."

In his article, McCullen presents the thesis that the tale does possess a simple, definite meaning.

"The core of that meaning is the presumption and consequent despair of Goodman Brown himself," McCullen says. "The focal idea derives from the self-imposed inner struggle and ultimate doom of an individual who is psychologically and spiritually unfit for the venture that he wilfully undertakes."

###

2-Wool Bureau's wool contest

Those entered in the contest include:

ABILENE-- Lora Ann Neill (642 College Dr.).

AFTON-- LaNell Martin.

AMARILLO-- Patsy Kay Nuss (3606 Linda); Ginny Patrick (4205 Lipscomb).

CLARENDON-- Ereda Bourland, Andra Pinderton, Judy Thompson.

CLAUDE-- Paula Joan Obrecht.

DIMMITT-- Tommie Allen, Verna Brown, Charleen Vaughan.

HALE CENTER-- Scharleen Barnett, Karen Graham, Rebecca Ann Harkleroad,

Bettye Holden, Elaine Holden, Rebecca Karrh, Rita Gay Stubblefield.

HEREFORD--Ada Mae Bettis, Joy Pickens.

JAYTON--Melvia Dean Jones, Geraldine Kidd, Bobbie Lou Parker.

LEVELLAND--Judy Lyon, Gaylene O'Connor.

LITTLEFIELD--May Belle Ayres, Judith Houk.

LORENZO--Betty Darden, Ferrelene Petersen, Sue Price.

LUBBOCK--Marilyn Billington, Pamela McClellan, Nicky Robinson.

MATADOR--Ida Lee Fair, Donna Gayle Williams.

MEADOW--Barbara Jean Benson, Nancy Sharp.

O'DONNELL--Marcheta Wood.

PETERSBURG--Janet McGee.

PLAINVIEW--Drucilla King.

POST--Linda Joyce Payton.

RALIS--Rita Flowers, Linda Rowden, Jeanette Wheeler.

SILVERTON--Mary Dianne Davis, Doris Estes, Carolyn Garrison, Raye Nell Garrison.

SUNDOWN--Sue Fendrick.

TULIA--Sue Campbell, Nancy Pyeatt.

VEGA--Naveta Sue Browning, Geneva Marie Spinhirne.

WELLINGTON--Ann Ruth Messer.

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MAILING SCHEDULE FOR Dec. 14-19

Day	Name of Story	Outlets ^{and Publications}			WS	Explanation
		A	B	I		
Monday	Textile research lab.	✓	✓		✓	Bd. Dir.
12-14-59	Army ROTC ^{Grad. Conduct} Merit					H.T.'s
Tues	Campfire girls (negative)					Mrs. R.C. Colley
12-15-59	picture of phone cover					Clay Styles
"	1st photo & caption (Buddy Cuddell)					Duane Howell [A-J]
"	Red Raider & Rhea w/ photo					Hubbards magazine -
Wed	Who's Who					(24) H.T.'s
12-16-59	Red Rhea (telephone dir) ^{5x7} to					amarello, Houston
	Alpha Phi Omega	✓				Dallas
Thurs	" " "					Bd. Dir.
12-17-59	European Travel [Music] Course	✓				Bd. Dir.
	Alpha Phi Omega pledge election initiation & of officers					H.T.'s - 12
	NO picture equal		✓			Bd. of Dir.
Friday	Dr. Strait	✓				Bd. Dir.
12-18-59	Dr. Stuebelter	✓				Bd. of Dir.
"	4-5x7 - Vogue fashion Photos					to H.T.'s (4)
	"Young Goodness Brown"	✓				Attn: Jackkinin - Bd. of Dir.
Sat	"Make It With Your Center"	✓	✓			25 - H.T.'s w/ 54 names
12-19-59	Feature & 5x7 - Katy Hunter					H.T. & story to Abelen
"	Feat. & 5x7 - Merum Jackson					H.T. & A to Austin Area
	Lech light	✓				Bd. Dir.
	Dr. Underwood	✓				Bd. Dir.

MAILING SCHEDULE FOR December 14 - 19, 1959

Day	Name of Story	A	B	WS	Explanation
Monday	Textile research lab.	x	x	x	Bd.Dir.
	Army ROTC Good Conduct Merit				HT's
Tuesday	Negatives--campfire girls				Mrs. R.C. Colley
	Pix--phone cover				Clay Styles
	Pix--Billy Caddell				Duane Howell A-J
	Caption: Billy Caddell				" " "
	Red Raider & Hud Rhea	w/photo			Lubbock Magazine
Wednesday	Who's Who				HT's--24
	Pix--5x7 Hud Rhea, telephone dir				Amarillo, Houston, Dallas
	Alpha Phi Omega	x			
Thursday	" " "				Bd. Dir.
	" " "				HT's--12
	European Travel music course	x			Bd. Dir.
	Operation Squab		x		Bd.Dir.
Friday	Dr. Strout	x			Bd.Dir.
	Dr. Studhalter	x			Bd.Dir.
	Pix--4x7 Vogue fash. contest				HT's--4
	"Young Goddman Brown"	x			Attn: Jack Sheriden, Bd.Dir.
Saturday	"Make It With Wool" Contest	x	x		HT's--25 w/54 names
	Tech lights	x			Bd.Dir.
	Dr. Underwood	x			Bd.Dir.
	Feature & Pix--5x7 Katy Hunter				HT & story to Abilene
	Feature & Pix--5x7 Merium Jackson				Austin American

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --Texas Tech's new textile research laboratories were formally opened here Monday (Dec. 14) with facilities to better serve the textile and cotton producing industries.

Dr. R.C. Goodwin, acting president at Texas Tech, said the new research center--located in the heart of the world's third largest inland cotton-producing market--is one of two in the nation with equipment to process cotton from the bale to spun yarn.

He pointed out that the cotton research labs have complete temperature and humidity control to simulate textile processing in all climates, with facilities to study staple from its molecular structure to its final weaving into a fabric.

The windowless lab building has 15,000 square feet of floor space and cost more than \$400,000.

At a dedication dinner meeting held Monday night in connection with the opening, Dan Poole, manager of a Sherman textile mill, outlined problems currently facing textile and cotton producers.

Where the cotton textile industry was once the victim of research, today it is benefiting from scientific research--and now faces serious competition from foreign manufacturers, Poole declared.

"Increases in productivity and know-how have greatly strengthened the economic position of our industry, except for one thing," Poole said, adding that government control--in the form of acreage control, price support and tariff policy--is economically unsound because it leads "ultimately to the destruction of the market for the commodity it is supposed to assist."

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. -- Twenty-four Texas Tech students have been nominated for the 1960 "Who's Who Among Students in American Universities and Colleges."

They were selected by a student committee representing Tech's five undergraduate schools. The students were nominated by deans, faculty members and students.

Committee selections were based on scholarship, character, leadership and service to the student body. Each nominee must have at least a 1.65 grade-point average for nomination.

Nominees include:

AMARILLO -- John Gilbert (1906 Crockett), 2.62 grade-point average; senior arts and sciences major. His activities include: author, composer, drama and music director, Varsity Show; president, Phi Mu Alpha Sinfonia; arranger and director of Impressions (male quartet); 1st and 2nd prize state music composition contest; coordinator of Interfraternity Sing; Who's Who Among Students in American Universities and Colleges, 1958-59; Tech Salutes; All-College Recognition Service; outstanding student in arts and sciences; Tim Magness Award; Tech Union Award; Phi Kappa Phi; Phi Eta Sigma.

James Thompson (2900 Polk), 1.80 grade-point average; senior engineering major. His activities include: Tech Union president, executive assistant, Union Board, Program Council; Phi Kappa Psi, president, vice president, alumni secretary; B.S.O., executive chairman, retreat chairman; Presbyterian Student Assn., president; Interfraternity Council, secretary; Alpha Phi Omega, treasurer; All-College Recognition Service; Tech Salutes; Who's Who Among Universities and Colleges, 1958-59; Phi Eta Sigma; College Awards Board; Committee on Student Organizations; Saddle Tramps.

CLAUDE -- Charles Cobb, 1.88 grade-point average; senior agriculture major. His activities include: agricultural representative to the Student Council; Block and Bridle Club, vice president, secretary; Aggie Club, treasurer; Junior and Senior Dairy Cattle Judging Teams; Junior and Senior Livestock Judging Team; J.S. Birdwell Scholarship; Aggie of the Month, April, 1957; Rodeo Assn.; Alpha Zeta.

DALLAS -- Marilyn Gardner (5362 Wenonah Dr.), 2.10 grade-point average; junior arts and sciences major. Her activities include: Co-editor, La Ventana; Panhellenic, vice president; A.W.S., reporter; A.W.S. Judiciary Council, chairman; Junior Panhellenic adviser; Junior Council, projects chairman; Drane Hall, secretary; Tech Union Program Council, All-College Recognition Service; Panhellenic representative, Pi Beta Phi, efficiency chairman.

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Committee selections were based on scholarship, character, leadership and service to the student body. Each nominee must have at least a 1.65 grade-point average for nomination.

Nominees include:

EDEN -- Bill Pfluger, 2.32 grade-point average; senior business administration major. His activities include: Student Assn. president; Student Council; Phi Gamma Delta, corresponding secretary; Delta Sigma Pi, senior vice president; Gamma Delta, vice president, treasurer; Student Religious Council; Who's Who Among Students in American Universities and Colleges, 1958-59; Tech Salutes; All-College Recognition Service.

FARMINGTON, N.M. -- Larry Campbell, 1.95 grade-point average; junior arts and sciences major. His activities include: Interfraternity Council, president; Pi Kappa Alpha, president; Student Council representative; Saddle Tramps, vice president; Dormitory Supervisory staff.

HERMLEIGH -- Dicky Hardee, 2.56 grade-point average, senior agriculture major. His activities include: Agronomy Club, president, secretary; Alpha Zeta, vice president; Intercollegiate Crops Judging Team; All-College Recognition Service; Western Compress and Storage Scholarship; Aggie Club; Phi Eta Sigma; Phi Kappa Phi.

HONEY GROVE -- Nancy Carlock, 1.68 grade-point average; senior business administration major. Her activities include: Pi Beta Phi, president; Presbyterian College Class, president; Tech Union, public relations director; Junior Council, program chairman; French Club; Phi Gamma Nu.

LOS GATOS, CALIF. -- Gail Petersen, 1.87 grade-point average, senior arts and sciences major. Her activities include: Delta Delta Delta, president, vice president, Panhellenic representative; Cheerleader; Student Assn. secretary; Student Council representative; Drane Hall, president; Tech Union Program Council; Mortar Board; Homecoming Queen Court; Who's Who Among Students in American Universities and Colleges, 1958-59; Tech Salutes; Junior Favorite, Freshman Cheerleader.

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Nominees include:

MASON -- Tommy Schmidt, 2.01 grade-point average; senior arts and sciences major. His activities include: Toreador editor, news editor, issue editor; Sigma Delta Chi, secretary, treasurer; Tech Union Board; Pi Kappa Alpha; Southwest Conference Sportsmanship Committee.

MEMPHIS -- Billie Jean Stroehle Smith, 2.94 grade-point average; senior arts and sciences major. Her activities include: Texas Assn. of German Students, president, vice president; Alpha Lambda Delta, senior adviser; Kappa Mu Epsilon, secretary; Der Kiederkrantz, president; Junior Council, treasurer; Mortar Board; Lychnos; Phi Kappa Phi; All-College Recognition Service; Texas Tech Scholarship for Upperclassmen; Gamma Phi Beta.

MENARD -- Duery Menzies, 2.42 grade-point average; senior agriculture major. His activities include: Alpha Zeta, president; Student Council; Aggie Club, president, vice president, representative; Aggie representative to B.S.O. Council; Horticulture Club, vice president; Senior Dairy Cattle Judging Team; College Awards Board Committee; Texas Garden Club Scholarship; All-College Recognition Service; Phi Kappa Phi; Phi Gamma Delta.

MCGREGOR -- Jean Schepers, 2.54 grade-point average; senior home economics major. Her activities include: A.W.S., president; Mortar Board, president; Pi Beta Phi, president; Drane Hall, chaplain, A.W.S. representative; Home Economics Club, social chairman; All-College Recognition Service; Tech Salutes; Who's Who Among Students in American Universities and Colleges; Phi Upsilon Omicron; Junior Council; Alpha Lambda Delta; Highest grade-point average in the School of Home Economics.

MIDLAND -- Ada Jane Meissner (RFD #2, Box 191 M), 1.81 grade-point average; senior home economics major. Her activities include: Associate Justice of the Supreme Court; Gamma Delta, secretary, treasurer; Phi Upsilon Omicron, president, chaplain; Dean's Honor Roll; Sears Scholarship; Home Economics Club.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

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Nominees include:

MINEOLA -- Claude Rogers, 1.83 grade-point average; senior arts and sciences major. His activities include: Varsity Show, producer, stage manager; Senior Class president; Student Council; Tech Union Program Council; Phi Kappa Psi, rush chairman, corresponding secretary; Freshman Council; Dormitory Supervisory Staff; Who's Who Among American Universities and Colleges, 1958-59; Tech Salutes; All-College Recognition Service; Tau Beta Pi; Dunlap Scholarship; Saddle Tramps.

PLAINVIEW -- Eldon Steelman, 2.74 grade-point average; senior engineering major. His activities include: Alpha Phi Omega, president, first vice president, sergeant-at-arms; Eta Kappa Nu, corresponding secretary; Gordon Hall Supervisory Staff, vice president; Student Council; All-College Recognition Service; Tau Beta Pi; Phi Kappa Phi; Mrs. Evelyn S. Cox Scholarship; B & H Instrument Scholarship; Texas Electric Scholarship.

SAN ANTONIO -- James Knowlton (Rt. 11, Box 339), 2.21 grade-point average; senior agriculture major. His activities include: Block and Bridle Club, president; Student Council; Pi Kappa Alpha, vice president, pledge trainer; Aggie representative to B.S.O. Council; Junior and Senior Dairy Cattle Judging Teams; Borden Scholarship; Price Dairy Scholarship; All-College Recognition Service; Alpha Zeta; Aggie Club.

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Committee selections were based on scholarship, character, leadership and service to the student body. Each nominee must have at least a 1.65 grade-point average for nomination.

Nominees include:

TULIA -- Robert Dyer, 2.49 grade-point average; senior engineering major. His activities include: Student Assn. business manager; Student Council; Sigma Alpha Epsilon, president, vice president, treasurer; Saddle Tramps, president, vice president; Engineering Show director, assistant director; Interfraternity Council, secretary; Dormitory Supervisory Staff; Tech Ski Club, president; Who's Who Among Students in American Universities and Colleges, 1958-59; All-College Recognition Service; Distinguished Military Student; Tau Beta Pi; Phi Eta Sigma; Tech Salutes; Phi Kappa Phi; Alpha Pi Mu.

TYLER -- Ken Talkington, 1.97 grade-point average; senior arts and sciences major. His activities include: Student Council; Double T Assn., president; Varsity football, captain; Associated Press Honorable Mention All American Football Player; Sophomore Class president; Sophomore Favorite; Dean's Honor Roll; All-College Recognition Service; Phi Delta Theta.

WACO -- Mary Ann Lindley (4220 N. 31st St.), 2.48 grade-point average; senior arts and sciences major. Her activities include: Student Council; Mortar Board, treasurer; Kappa Alpha Theta, chaplain, treasurer; Junior Council, secretary; Doak Hall Advisory Board, legislator; Sigma Tau Delta; Phi Kappa Phi; All-College Recognition.

WINTERS -- Linda Bunker, 2.32 grade-point average; senior business administration major. Her activities include: Student Assn. secretary; Student Council; Delta Delta Delta, president, vice president; Phi Gamma Nu; Mortar Board; Junior Council; Sigma Iota Epsilon; Phi Kappa Phi; All-College Recognition Service; Who's Who Among Students in American Universities and Colleges, 1958-59; Tech Salutes.

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Alpha Phi Omega, national men's service fraternity at Texas Tech, will initiate 17 pledges in services at 5:30 p.m. Thursday (Dec. 17).

Following the initiation on campus, they will attend a banquet at 7 p.m. at Underwood's. Dr. A.W. Young, head of the Tech agronomy department and first advisor to the Beta Sigma chapter, will speak. H.P. Clifton, Lubbock city manager, will be the guest of honor.

Awards to be given at the banquet include a community service award, an advisory service award, best pledge award, and a distinguished service award.

Eldon Steelman of Plainview, Tech chapter president, will pass the gavel to president-elect, Jim Dinsmore of Fort Worth.

Other new officers are Leroy Tillery of Lubbock, first vice president; Jerald Bell of Sundown, second vice president; Don Mason of Olton, executive secretary; and Jerry Akins of Lubbock, treasurer.

Pledges to be initiated include Charles Byron Christian, Fort Worth; Paul C. Dinsmore, Fort Worth; Clift M. Epps, Big Spring; Keith Glover, San Angelo; Harley H. Hannsz, Houston; Wayne K. Hillin, Fort Worth; Bill Ed Kaun, Dallas; Lyndell S. King, Lamesa; William B. Leverich, Fort Worth; William D. McAdams, Fort Worth; Antonio Montoto, Havan, Cuba; Harold A. Moore, Jr., Dallas; Robert C. Parson, Lubbock; Dow Patterson, Abilene; Thomas E. Sayre, Pasadena; Don W. Tillery, Lubbock; and John S. Walton, Jr., Lubbock.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. -- Alpha Phi Omega, national men's service fraternity at Texas Tech, announces the initiation of 17 pledges and election of new officers.

Eldon Steelman, senior electrical engineering major of Plainview and Tech chapter president, handed the gavel to president-elect Jim Dinsmore, senior industrial engineering major of 6551 Greenway Rd., Fort Worth.

Other new officers included:

OLTON: Don Mason, junior accounting major.

SUNDOWN: Jerald R. Bell, senior petroleum engineering major (Rt. 5 Levelland).

Pledges include:

ABILENE: Dow Patterson, freshman architect design major (3190 Over St.).

BIG SPRING: Cliff M. Epps, freshman mechanical engineering (507 Edwards Blvd.).

DALLAS: Bill Ed Kaun, sophomore civil engineering major (7025 South Ridge Dr.); Harold A. Moore Jr., junior industrial management (3808 Rockford Drive).

FORT WORTH: Charles Byron Christian, freshman electrical engineering major (505 Karnes St.); Paul C. Dinsmore, freshman electrical engineering major (6551 Greenway); Wayne K. Hillin, freshman electrical engineering major (3201 Hanover); William B. Leverich, sophomore electrical engineering major (4104 Southwest Blvd.); William D. McAdams, freshman electrical engineering major (312 Judkins).

HOUSTON: Harley H. Hannsz, freshman math major (1529 Dorothy).

(MORE)

2--Alpha Phi Omega pledge initiation

LAMESA: Lyndell S. King, sophomore mechanical engineering major
(305 N. Ave. O).

PASADENA: Thomas E. Sayre, sophomore mechanical engineering major
(708 E. Cartis).

SAN ANGELO: Keith Glover, junior education major (602 Upton).

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: FINE ARTS/ TRAVEL EDITORS

LUBBOCK, Dec. -- Texas Tech's department of music is scheduling a travel course in Europe for the second term of the 1960 summer session.

The course offers six semester hours of credit and may be carried as elective credit. A limited number of persons other than students may accompany the class directed by Dr. Gene Hemmle, head of the Tech music department.

The class will leave Idlewild Airport in New York City on the afternoon of July 13 and will return on August 21. The 40 days abroad will be spent touring eight of the European countries.

Five great music festivals are on the tour for the class. They will visit palaces, cathedrals, art treasures, museums and places where music masterpieces were written or first performed.

The tour will include trips to Paris, Fontainebleau, Barbizon, and Versailles, France; Geneva, Switzerland; Milan, Pisa, Rome, and Florence, Italy; Munich, Cologne, Dusseldorf, and Bonn, Germany.

While in Milan, the group will see the Last Supper, Ambrosiana Gallery, La Scala Opera House, and the Verdi Museum. In Pisa, the class will see the Leaning Tower and other points of interest.

Pitti and Uttizi galleries will be included in a sightseeing tour of Florence. Visits to St. Marks and the Palace of the Doge and an evening cruise in gondolas will highlight the stay in Venice.

The Munich Festival in Munich, a cruise down the Rhine River and a visit to the house of Beethoven in Bonn are included in the tour in Germany.

Membership of the group is limited to fifteen students. Students interested in making reservations should call Dr. Gene Hemmle at the department of music, telephone extension 345.

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Department of public Information
Texas Technological College
Adrian Vaughan, Director

Scholarly pigeons at Texas Tech will come under fire Saturday afternoon as "Operation Squab" gets underway.

The annual event, sponsored by the Army and Air Force ROTC units, will be held from 3 to 5 p.m. to help rid the campus of pigeons and sparrows. All traffic will be barred to the campus at that time.

Participating in the shoot will be Army and Air Force ROTC cadets, Tech faculty members and all Lubbock Gun Club members. Shotguns used will be limited to 12, 16 and 20 gauge. Shot size is limited to 6, 7 and 8.

Co-Chairmen of the shoot are Army Cadet Col. Johnny G. Campbell and Air Force Cadet Lt. Col. V.A. Buck.

All shooters will be assigned stations and firing will commence at the first sounding of the Tech bell and cease the second time the bell is rung. All of the sportsmen will police their own shell casing and pickup recoverable pigeons. Participants will be required to report the number of birds killed. No birds will be shot on the roof.

The annual pigeon shoot is held to help control disease and reduce building maintenance problems.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

A Texas Tech English professor has received praise for his "literary detective work" from the ultimate source -- the firm he was writing about.

The scholar is Dr. Alan Strout. His research article, "Maga Bibliography, 1817-1825," is on papers from the early days of Blackwood's Magazine, a British publication.

In a letter to Dr. Strout, Director Fred Tredrey of Blackwood's said, "I had not guessed you had done so much deep and extensive research into the Blackwood papers.

"This is a formidable piece of scholarship and I have already spent several hours absorbed in its contents."

Tredrey added that "I need hardly say that the early days that your pages bring to life have a special appeal for me and I have learned a lot more about them by reading these results of your literary detective work. The book will be of the greatest use to librarians and to students of nineteenth century literature."

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. -- The faculty of the Texas Tech biology department and the Tech library staff have presented a four-volume set of the Medical Botany books in memory of Dr. Richard A. Studhalter, former head of the Tech biology department.

Dr. Studhalter was biology department head from the time that Tech opened in 1925 to 1948 when he asked to be relieved of his duties as department head. During his first seven years at Tech, he was pre-med advisor

He continued to teach until his death on March 29, 1958.

The biologist received a bachelor of arts degree at the University of Texas, a master of arts degree at Washington University of St. Louis, and his Ph.D. degree at the University of Chicago.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

A Texas Tech English professor challenges a popular interpretation of Hawthorne's "Young Goodman Brown" with an article in the magazine, "Discourse: A Review of the Liberal Arts."

The interpretation analyzed by Dr. J.T. McCullen, Jr. in the article is that Hawthorne left "Young Goodman Brown" with an ambiguity of meaning because of an unwillingness to declare flatly that evil is the nature of mankind.

This rests upon the assumption that in "Young Goodman Brown" Hawthorne was primarily concerned with whether evil is the nature of mankind, McCullen declares.

"This assumption is not tenable," McCullen writes, "for, instead of so generalizing, Hawthorne explored a particular human situation, the complexity of which is beyond the grasp of a simple individual like Goodman Brown."

In his article, McCullen presents the thesis that the tale does possess a simple, definite meaning.

"The core of that meaning is the presumption and consequent despair of Goodman Brown himself," McCullen says. "The focal idea derives from the self-imposed inner struggle and ultimate doom of an individual who is psychologically and spiritually unfit for the venture that he wilfully undertakes."

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --More than 50 girls from throughout West Texas will compete on the Texas Tech campus Jan. 9 in the district 9-A finals of the "Make It Yourself With Wool" contest.

Tech Home Economics Dean Willa Vaughn Tinsley said entrants must have made either an all-wool dress, suit, coat or ensemble which will be judged in three divisions.

The junior division will consist of young seamstresses from 14 to 17 years and the senior division will consist of girls from 18 to 22. A sub-deb division is also included for beginning sewers 13 to 16.

The contest, to be set at 1 p.m. in the Tech Union Ballroom, is sponsored by the Wool Bureau and the Women's Auxiliary of the Texas Sheep and Goat Raisers Assn.

The purpose of the competition is to encourage sewing with wool. The National Education Assn. endorses this purpose as a means of giving girls experience with the fabric--its varieties, its characteristics, and with the best techniques for cutting, sewing, shaping and pressing wool garments.

County contests are being held at present to select the three girls from each county who will compete at the district contest. Junior and senior winners from the district contest will compete in the State contest in San Antonio on Jan. 16. National competition, also to be held in San Antonio, will be open to state winners.

Dr. Tinsley is director of the district 9-A contest.

(MORE)

2-Wool Bureau's wool contest

Those entered in the contest include:

ABILENE-- Lora Ann Neill (642 College Dr.).

AFTON-- LaNell Martin.

AMARILLO-- Patsy Kay Nuss (3600 Linla), Ginny Patrick (4205 Lipscomb).

CLARENDON-- Freda Bourland, Andra Hinderton, Judy Thompson.

CLAUDE-- Paula Joan Obrecht.

DIMMITT-- Tommie Allen, Verna Brown, Charleen Vaughan.

HALE CENTER-- Scharleen Barnett, Karen Graham, Rebecca Ann Harkleroad,

Bettye Holden, Elaine Holden, Rebecca Karrh, Rita Gay Stubblefield.

HEREFORD--Ada Mae Bettis, Joy Pickens.

JAYTON--Melvia Dean Jones, Geraldine Kidd, Bobbie Lou Parker.

LEVELLAND--Judy Lyon, Gaylene O'Connor.

LITTLEFIELD--May Belle Ayres, Judith Houk.

LORENZO--Betty Darden, Ferrelene Petersen, Sue Price.

LUBBOCK--Marilyn Billington, Pamela McClellan, Nicky Robinson.

MATADOR--Ida Lee Fair, Donna Gayle Williams.

MEADOW--Barbara Jean Benson, Nancy Sharp.

O'DONNEIL--Marcheta Wood.

PETERSBURG--Janet McGee.

PLAINVIEW--Drucilla King.

POST--Linda Joyce Payton.

RALIS--Rita Flowers, Linda Rowden, Jeanette Wheeler.

SILVERTON--Mary Dianne Davis, Doris Estes, Carolyn Garrison, Raye Nell Garrison.

SUNDOWN--Sue Pendrick.

TULIA--Sue Campbell, Nancy Pyeatt.

VEGA--Naveta Sue Browning, Geneva Marie Spinhirne.

WELINGTON--Ann Ruth Messer.

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --Texas Tech is saying "Merry Christmas" to Lubbockites and visitors in a special way this year.

Approximately 5,000 Christmas lights are outlining the science quadrangle, consisting of the Chemistry, Science and Library buildings.

The special Yuletide display is being made possible through a gift by Harold Hinn of Plainview, a Tech Board of Directors member.

More than 5,000-feet of wire is used to string the red, yellow and white bulbs. Most of the display already is up. A few more lights may be added Monday.

Spectators can get the best view of the lights by driving around Tech Memorial Circle.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, Dec. --Texas Tech's Dr. Ralph S. Underwood has been named a Piper Professor of 1959.

He is one of 10 Texas teachers to receive the recognition from the Minnie Stevens Piper Foundation of San Antonio. Each winner is given a certificate and check for \$1,000 for doing outstanding jobs of teaching, research and community service.

Dr. Underwood, a mathematics professor at Tech, is one of 150 persons nominated this year for the award. His name and record were submitted by the Tech Faculty Advisory Committee.

A primary factor in Dr. Underwood's award was his research in extended analytic geometry, a special field of mathematics in which he has pioneered.

He has just completed a 70,000-word manuscript on extended analytics and is author of a 4,000-word article on this new field in the Encyclopedia Americana.

Dr. Underwood has been on the Tech faculty since 1927. He has bachelor's and master's degrees from the University of Minnesota and a doctorate from the University of Chicago.

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