

The Texas Technician

January-February 1991



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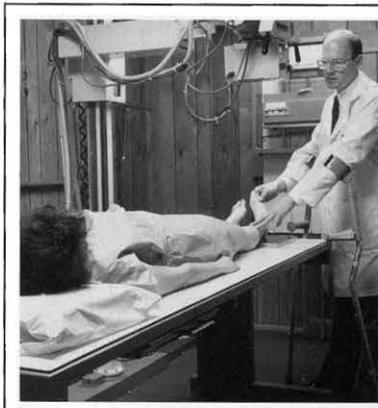
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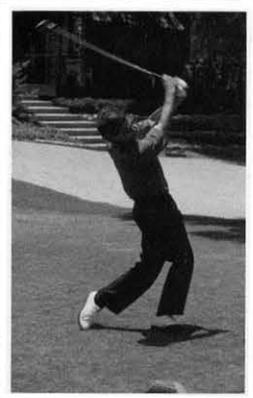
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ABOUT THE COVER —

"He-Men and Real Women" used to conjure up images of the macho, body-conscious outdoorsman-type and the curvy, dumb sexpot. But that is not the case in this issue! The "he-men and real women" we focus on are real people, self-assured and assertive in a positive way. They have set goals and made a difference doing it. Photo by Darrel Thomas.

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The Ex-Students Association is an independent organization of Texas Tech University former students cooperating with and working in behalf of the University, but not affiliated with it. The Texas Techsan is the official publication of the Association. Copyright 1991.

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Tech Spirit

The enclosed photographs and article were submitted by one of our local Tech-exes. As you can see, she was able to generate a tremendous amount of enthusiasm for Tech.

I thought you might like to print this article in the Techsan in order to share this idea for "grass roots" recruiting.

Von R. Box '81
Fort Worth, Texas
(President, FW Chapter)

Editor's Note: Thanks! The article follows:

Patty Robertson '81 is teaching second grade at Jackie Carden Elementary School in Fort Worth, Texas, in the Crowley ISD.

In May, the school held its first annual "College Day." The purpose of the day was to make young children aware of the importance of going to a college or university after they complete high school and to inform them of the variety of activities which can be found on campuses.

Each teacher at Jackie Carden Elementary chose a particular university to represent. Naturally, Patty chose to represent her great alma mater, Texas Tech.

Her students were asked to wear a red or black shirt on College Day and they made Double-Ts to put on them. They also made a nine-foot Double-T to display in the school hallway. Around this was placed various informative literature about Tech and pictures of the campus. Each student received a Tech sticker and some earned good behavior Tech awards such as bumper stickers and key chains.

During the day of college activities the students were informed about the city of Lubbock, some of its attractions, and of course, information about Texas Tech. They enjoyed looking through the La Ventana and learning to cheer Tech on by singing the victory song.

At the end of the day, a Pep Rally was held in the school gymnasium. Each classroom shared their victory cries representing the various schools studied that day. Patty's second graders gave a terrific salute to Tech as they sang, "Fight, Raiders, Fight. . ."

Although the purpose of the day was to promote going to a college (and not



Patty Robertson's 2nd grade class at Jackie Carden Elementary School in Fort Worth get their "guns up."

merely to promote Tech), Patty was really pleased when, by the end of the day, she had 17 new recruits exclaiming, "Boy, that Texas Tech is a great school. That's where I'm gonna go when I grow up!"

And maybe they will!!!

Leather Institute

Just a note to let you know how pleased I was with the article about the Leather Research Institute (page 37, July-August issue). I appreciate the opportunity to publicize what we are doing — it helps build our support.

Dr. Jinger Eberspacher
College of Home
Economics

Differing Opinion

I consider the March-April 1990 issue of the Texas Techsan ("High Plains Drifters") to be the best issue that I have ever received. It was full of good articles. After glancing through it, I put it aside when it first arrived until I could read it more carefully.

Being a native Texan, I have long been interested in stories of the Alamo. Therefore, my interest was piqued by the article by Wally Chariton who authored "Forget the Alamo."

I would like to write to him. Could

you please supply an address for him? I would appreciate any information you can provide.

Fred L. Davis '61
Sunnyvale, California

Editor's Note: Contact Wallace Chariton at 3921 Los Robles, Plano, TX 75074. He has written several books about the Alamo, which you might also find interesting.

Gratifying Experience

This is a belated thanks to the Ex-Students Association for the great honor bestowed when it awarded me the Distinguished Service Award on Sept. 28. I was totally unaware, and certainly not expecting, that I would ever be considered for this distinction. It was one of the most gratifying experiences of my life.

There are many highly qualified, dedicated and extremely productive people on the campus who consistently excel in their performance, who are deeply devoted to Tech, and who deserve special recognition. I am very fortunate that your organization felt I possessed some of those attributes.

As the opportunity presents itself, please pass on my thanks to the staff and your board members.

Clyde J. Morganti
Executive Assistant
to the President

Greatest Moment

I am still on Cloud 9 after receiving the Ex-Students Association's Distinguished Service Award at the Century Club Dinner. That was truly the nicest surprise of my life, and the greatest highlight of my career at Texas Tech, which will number 20 years in March.

Having such nice people as Bill, Jim and Peggy to work with over the years has been reward enough for me. I know I have often made a nuisance of myself with requests for detailed information on anything involving the President's schedule, but I have always been able to count on any assistance I needed and complete cooperation from you and your staff.

If I should stay at Tech for another 20 years, I probably will not experience anything as wonderful as the surprise you had in store for me at the Century Club Dinner. I want you to know that I

was deeply touched and appreciate the award more than I can possibly find words with which to tell you. Since I do not know who was involved in the selection process, I hope that you will pass my gratitude along to all the appropriate individuals.

Sharon Nelson
Assistant to the President
of Texas Tech University

Distinguished Service

Thank you for the service award that was presented to me at the Century Club Dinner. The satisfaction of trying to do something for Texas Tech is rewarding enough for the efforts. However, this award on top of that satisfaction is like frosting on the cake. I like to think that you could not have given it to anyone who is more appreciative than I am.

I commend all of you for your good work and I can only hope that God allows me to live and to continue to do some things of service for many more years.

Alvin G. Davis
Executive V.P. and General
Manager, Ranching
Heritage Association

Looking Ahead

Thank you for the articles that were published by the students in the May-June issue of *The Texas Techsan* ("The Changing of America's Values"). They helped the reader understand the values of the students in college at this time and what is in the future of our United States.

Darlene Estella Parlette
Gibson '66
Houston, Texas

Story Ideas

Wanted to drop you a note to tell you how much I have enjoyed reading *The Texas Techsan* over the last several years. Being married to a UT grad has given me the opportunity to compare your publication to the *Alcalde* — and there is no contest.

The *Techsan* is superior in feature articles, photography, layout, readability, cover, size and overall quality. It is a class publication greatly due to your contributions and creativity. Thanks for all your hard work. It has not gone unappreciated.

I have a couple of suggestions for future articles. First, the infamous Stubbs barbecue has relocated from Austin to Dallas on Lower Greenville Ave. and is run by Tech-ex Nancy Dupre, sister of '78 footballer Larry. That

may be of interest to anyone who got through school on Stubbs beef and blues.

Secondly, a profile on Tech-ex Mack Pogue of Dallas. He is founder and chairman of Lincoln Properties, one of the nation's largest developers who has apparently made it through the real estate crunch of the '80s.

He is a low-key man but has been very successful in his business and raising a family. Many who know him may not know his ties to Tech. He was mentioned in *Texas Monthly's* September issue as one of the state's richest 100 individuals.

Keep up the good work. I'm looking forward to the next issue.

Blake Taylor '79
Dallas, Texas

The following letter was sent to us as a copy, and we appreciate Mr. Snyder's interest.

The Honorable Gib Lewis:

You are to be applauded for your comments featured in two leading West Texas newspapers on Aug. 18, 1990.

The *Lubbock Avalanche-Journal* and the *Abilene Reporter News* gave leading coverage with your comments concerning the University of Texas and Texas A&M considering defecting to another athletic conference.

It would be impossible to tell you how many people agree with you. These two universities are very fortunate to have the Permanent University Fund to pull from, and most tax-paying Texans know that this is above the regular budget allowances given to them each two years by the State Legislature.

Membership of these two universities in the Southwest Conference is very meaningful to the other participating universities. But should they decide to pull out, I, a native Texan, recommend to you and the Legislature of Texas to initiate legislation that would reduce the amount of participation in the PUF for the University of Texas and Texas A&M. Permit this money to find its way to some other deserving universities.

Having been a regent at Texas Tech University from 1978 through 1984, I am aware of the high quality of educational programs offered by this school. With only a portion enrichment from the PUF, Texas Tech could move to greater heights in education, and in so doing serve its purposes in greater capacities. It is ironic that where some of the influences of Texas Tech in the Southwest are felt so prominently, re-

sources of the area are surrendered to downstate universities.

Your program of service in the Texas Legislature is most commendable — a tenure for which you can be proud. In the future, if I can be of service to you, please let me know.

Sincerely yours,
James L. Snyder
Snyder Ranch, Baird

Editor's Note: Mr. Snyder is a Distinguished Alumnus of Texas Tech and a 1941 graduate.

More on the Techsan

Your May-June *Texas Techsan* ("The Changing of America's Values") was the best ever and so very appropriate for the volatile times we now experience.

Also, you may want to make note of my marriage on May 19, 1990, to Midland oil man Harvey Rhoads. My late husband, Marshall Formby, died, as you know, in 1984. He was an outstanding Tech graduate.

Sharleen Formby Rhoads
Midland, Texas

A Tribute to Homer G. Maxey

I understand that it is possible that a modest gift will be made by a foundation to the Texas Tech Ex-Students Association as a memorial to Homer G. Maxey. I'd like to tell you something about him.

The events I am relating are only those that come to mind. Others who knew Homer can surely add things he did on behalf of Tech that I did not know of.

When Texas Technological College was located in Lubbock in 1923, Homer's parents moved the family from Plainview to Lubbock. J.B. Maxey, Homer's dad, was a building contractor. He built the original Home Economics Building.

Dr. Horn needed someone to sweep out the office. Homer was given the job which he did after working hours. His compensation was a few dollars a week. He always claimed with pride that he was the first Tech employee, and most of all, he was the first janitor at Tech.

Mr. Maxey was also the building contractor on the president's campus home. Homer also worked on that job. The building now serves as the Ex-Students Association offices, of course.

Homer majored in business administration and received a degree in 1931. His senior class gave the Double-T bench located in the Ad Building courtyard. Homer helped design the bench and got his dad, Mr. Maxey, to build it.

He married Melba Mae Tatum in 1933. They had two daughters, Carla and Glenna.

In August 1942, he was commissioned a Lieutenant JG in the U.S. Navy. He served as commander of a LSM Group II in World War II and he received the Navy Commendation Medal for meritorious duty.

At the close of the war, at the suggestion of John Wilson, a group of four or five ex-students got together to discuss forming a Texas Tech ex-students association. Some feeble attempts had been made in the past but died for lack of proper backing. John's group came up with the conclusion that a paid executive was needed. There were no funds, so it was decided to set up a fund-raising goal of \$10,000-a-year for three years.

The Hundred Club was born. First, the four or five people pledged \$100 each for three years. The group then went up and down the street, not only getting other ex-students to pledge, but to get them to join the group to call on others. When 25 people walked in on a fellow student, it was hard for that particular person to say no! Homer was one of the original group.

It was with these funds that D.M. McElroy was employed to be the first paid executive of the ex-students association.

Homer was the first president of the Matador Club, which later was renamed the Red Raider Club.

When it was time to build a new football stadium, not only was Homer a contributor, but he also used his community influence to get others to contribute.

Homer and Melba were good personal friends of D. Weaver and his wife, Mary. They encouraged him to keep working toward getting Tech in the Southwest Conference. During the summer of 1956, the impossible happened — Tech was made a member of the prestigious conference. Getting Texas Tech fans to return Neiman-Marcus credit cards had paid off.

When it was time to select an artist to do the bronze for the Tech campus of former Texas Governor and Tech-ex Preston Smith, Glenna Maxey Goodacre, a daughter of Homer and Melba Maxey, was selected. This beautiful piece of art now stands between the Double-T bench and the salle port of the Administration Building.

In business and community services Homer was always light-years ahead of everyone else. An exciting book could easily be written about his many business ventures.

**W.B. "dub" Rushing '32
Lubbock, Texas**

Where in the World Are You?



WELCOME
9:30
STUDENT WORSHIP SERVICE
ALUMS

We're going to have a "Big One!" Our First Reunion February 23-24, 1991

First Baptist Church, Lubbock, is celebrating its 100th Anniversary! Each area of ministry is being "show-cased" on Sunday throughout the year. The Student Ministry is in the spotlight Feb. 24 with:

Dan Yeary, the first 9:30 student minister, and your fellow 9:30 alums. Join us in this weekend of celebration, worship, and joy!

- Dan Yeary preaching 4 services on Sunday, Feb. 24th, 8:15 a.m., 9:30 a.m., 11 a.m., and 7 p.m.
- 9:30 Celebration with the "Reunion Choir" (wanna sing?)
- Reunion Luncheon after church, 3rd floor, Activity bldg., 1st Baptist Church.
- Memory Lane, 2p.m. - 3:30p.m., with a time to remember the student ministry under the Yeary-Wood-Tipps-Bennett-Douglass-Brister years...and don't forget the musicals!
- Saturday Night Fellowship for alums, 7 p.m. to 9 p.m., Feb. 23 — 3rd floor, Activity Building, 1st Baptist Church
- After church reception Sunday night following the evening service.

A Gift to the church.

Our 9:30 Ministry would like to give a gift to the church that gave birth to this unique ministry and nurtured it over the years. What gift? Information about you! What has happened to you? Did you go to seminary? Do mission work? Are you pastors? Are you married to one? Staff-worker? Sunday school teacher? Doing lay work? Or being the "salt and light" in the area the Lord has given you? Whose ministry were you under?



Help Wanted!

No records have been kept on our students...and no addresses are available!

1. Pass the word. Let your friends who were a part of the 9:30 Student Ministry know about our celebration. Look through your Christmas card list and address books.
2. Send us information about yourself. Complete the form below and add any interesting experiences, fun memories and what you've been doing since you left Tech.
3. Plan to attend! We have made special arrangements with the Paragon Hotel (4115 Brownfield Hwy. (806)792-0065) for rooms and rates (breakfast included)! Ask for the "9:30 Block" by Feb. 16th.

Name _____
Address _____
City _____ State _____ Zip _____
Home Phone _____ Work Phone _____
Spouses name _____

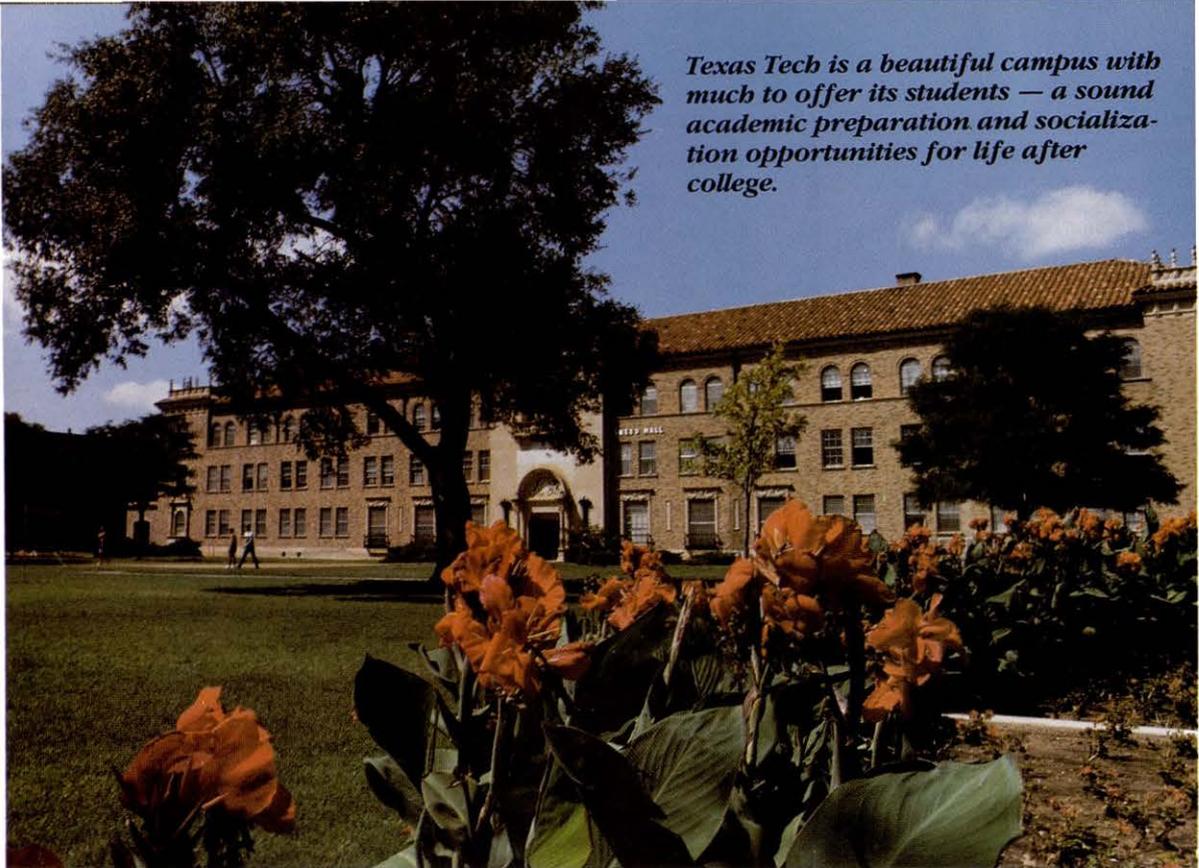
Year(s) you were involved with 9:30 Ministry _____
Don't forget your "Gift Information" and pictures for our "Memory Lane."
_____ I will attend the 9:30 Reunion activities Feb. 23-24!

_____ I will attend the Reunion Luncheon at 12:30 p.m., Sunday, Feb. 24, 1991. Please make a reservation for _____ meal(s). Enclosed is my check for (\$8.00 per meal) _____ to cover the cost of lunch.



Please return to:
Bettye Weaver, Chair
9:30 Reunion Committee
First Baptist Church
2201 Broadway
Lubbock, Texas 79401

Texas Tech is a beautiful campus with much to offer its students — a sound academic preparation and socialization opportunities for life after college.



DARREL THOMAS

In our last issue of 1990, we provided Techsan readers with an update of the administration's major goals and focuses as they relate to Texas Tech and the push for national prominence. We also talked with the Dean of Students Office staff to give you a report on student life at the University. The following article is a compilation of information from each of the undergraduate colleges and the law school, rounding out the picture and giving you, the Tech-ex, something more to feel good about. We'll call it your

BRAGGING RIGHTS

BY MARSHA GUSTAFSON

College of Agricultural Sciences

Dean Sam E. Curl

Fall Enrollment: 1,150 undergraduates;

162 grad students

Number of graduates: 9,176

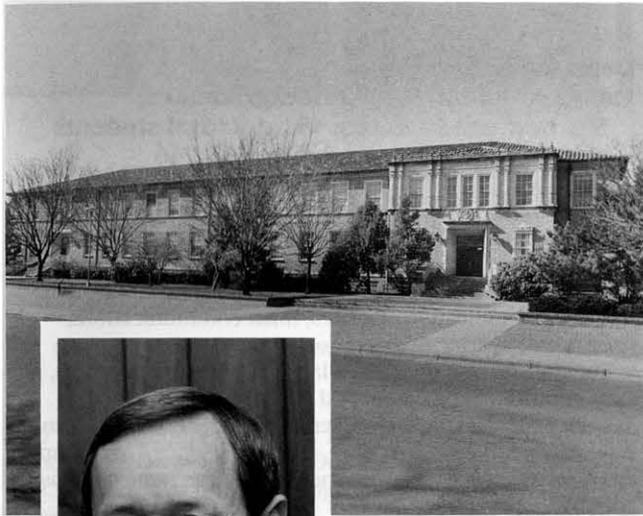
- Tech's program is the only non-land-grant college of agriculture authorized to offer the Doctor of Philosophy degree.
- The college has the largest and most comprehensive agricultural research and graduate study program among the non-land-grant universities.
- Two endowed chairs and two endowed professorships are

housed in the college.

- A U.S. Cooperative Wildlife and Fisheries Research Unit has been located in the department of range and wildlife management — the only such unit in Texas.
- The department of agricultural economics was designated as the unit to operate a program of agricultural loan counseling and mediation for the state of Texas. This program, mandated by the Agricultural Credit Act of 1987, requires the participation of the Farmers Home Administration and the Farm Credit System in certified state loan mediation programs.
- The Burnett Center for Beef Cattle Research and Instruction is considered to be the world's most sophisticated re-

search and teaching facility with respect to beef cattle nutrition, feed manufacturing and feedyard management.

- The college has one of the largest enrollments of entomology majors in the nation.
- Graduates of the college include the Honorable Charles Stenholm and Bill Sarpalius, U.S. Congressmen; Bill Sims, Texas state senator; Pete Laney and David Swinford, Texas state representatives.
- The college total private endowment of over \$7 million ranks among the top 10 agricultural colleges in the nation in that regard.
- The first Ambassadors for Agriculture program in the nation was organized at Texas Tech.
- Through priority allocation of resources over the past six years, the college has developed one of the finest Computer Instruction Laboratories on campus.
- One of the largest and strongest programs in agricultural communications in the nation.
- The landscape architecture program is accredited by the National Landscape Architecture Accreditation Board.



College of Agricultural Sciences Dean Sam E. Curl

- Range and wildlife department is accredited by the Society of Range Management — the only one in Texas and one of six in the nation.
- Four of the last eight Tech student body presidents were majors in the college — Lin Carter, Bill Caraway, Shayne Woodard and Dan Waggoner.
- Top faculty include Horn professor Dr. Henry Wright, department of range and wildlife management; Dr. Rodney Preston, Thornton Distinguished Chairholder in animal science (ruminant nutrition); Dr. Jerry Matches, Thornton Distinguished Chairholder in plant and soil science (forages); Dr. Howard Taylor, Rockwell Professorship in agronomy, horticulture and entomology; Dr. Don Ethridge, cotton marketing,

agricultural economics; Dr. Henry Nguyen, National Science Foundation Presidential Young Investigator with specialty in plant stress and heat shock in proteins, agronomy, horticulture and entomology; and Dr. John McGlone, animal physiology, behavior and welfare, animal science.

- The range and wildlife management department has a nationally recognized program of brush control/range improvement research and wildlife habitat improvement. It is particularly known for its research on the use of fire in brush control and its water fowl management programs.
- The college was the first to document and bring widespread industry attention to the severity of declining cotton yields in the Texas High Plains;
- The first to document that the market was paying a premium for cotton fiber strength;
- The first to document that premiums for fiber strength received by producers were different from the premiums paid by textile manufacturers;
- The first to apply the advanced and complex technique of hedonic analysis to commodity prices and the first to publish on the topic in agricultural economics journals;
- Developed one of the first applications, if not the first, of non-stationary transition probability Markov chain models in agricultural industries, providing the capability to project an industry's future structure as it may be affected by external technological and economic forces;
- Developed program to use feedlot waste to grow fish;
- And developed a procedure to establish hedging risk based on sample of cash and futures prices.

"I am most proud of the College of Agricultural Sciences' growing national and international stature and reputation with respect to research of the highest quality. Areas of particular strength in this regard include plant biotechnology and plant stress, range improvement and wildlife management, beef cattle and swine nutrition, cotton marketing, and forage improvement. I am very pleased with the tremendous growth of the college's permanent endowment for support of distinguished chairs and professorships, academic scholarships and fellowships, and other academic programs.

"Colleges of agriculture have been known primarily for developing and adapting technologies that improve the productivity of agriculture and agribusiness and thus benefit all of us as consumers.

The 21st century will require a blending of different types of new knowledge to make technological systems economically viable and adaptable with respect to the rapid pace of change which will characterize the agricultural industry and the pressures of international competition."

College of Architecture

Interim Dean Willard B. Robinson

Fall Enrollment: 695 undergraduates;

15 grad students

Number of Graduates: 2,300 (since 1929)

- The professional orientation of the architecture program is considered outstanding.
- Accrediting reports have cited the college's programs in graphics and history/historic preservation as very strong.
- The developing computer program is considered top-notch.

- The college's dual degree program with civil engineering is an attraction to students and is unique in the Southwest.
- Academic enhancement programs include a speaker series each semester and an annual symposium.
- Other enhancements include European studies and summer institutes in Mexico and New Mexico.
- Achievements include public service projects in urban design and historic preservation.
- The college's concentration in historic preservation is unlike other schools of architecture. Much recognition has come to the college and its faculty for this expertise.
- An academic exchange program between professors of the college and those of the Universidad de Guanajuato, Mexico, gives faculty the opportunity for cross-cultural exposure and research.
- An International Institute for Urban Studies and an applied Planning Research Institute for Municipalities, Environments and Regions (aPrimer) are located in and utilized by the College of Architecture.
- An ERAP project directed by Dr. Mark Spitzglas and Glenn Hill is doing noteworthy work related to energy conservation in buildings.
- Graduates are located in 45 of the 50 states plus 16 foreign countries.
- Of the 2,300 graduates of the college, 88 percent have maintained accurate addresses and can be reached by mail.

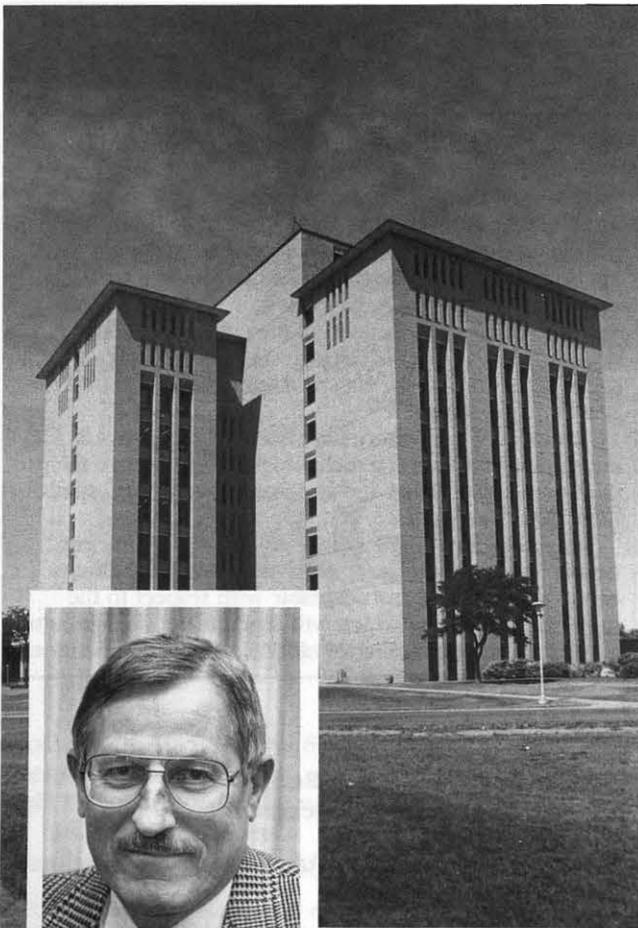
- The college's first alumni directory was recently published.
- Alumni donated \$25,700 in 1990 to the annual fund campaign, surpassing by some \$3,000 the amount raised the previous year.
- Top faculty in the college include Horn professor Willard Robinson, Dr. Jusuck Koh, Dr. George T.C. Peng, A. Dudley Thompson, James E. White and John P. White, who has gained a national reputation with the Historic American Buildings Survey, a federal program.

"The professional orientation of our academic work and the success of our graduates are things for which I am very proud. Many of our graduates are successful practitioners and have become leaders in the profession.

"Looking into the future, the College of Architecture must respond to the increasing complexity of society. In doing so, we will offer more specializations and minors, appealing to students' varied interests. Computer technology will increase and considerably more course work will be offered in computer-aided design, programming and imaging."

Dean Joe R. Goodin
Fall Enrollment: 9,880 undergraduates;
591 master's students; 491 doctoral students
Graduates: (undergraduates) 33,746

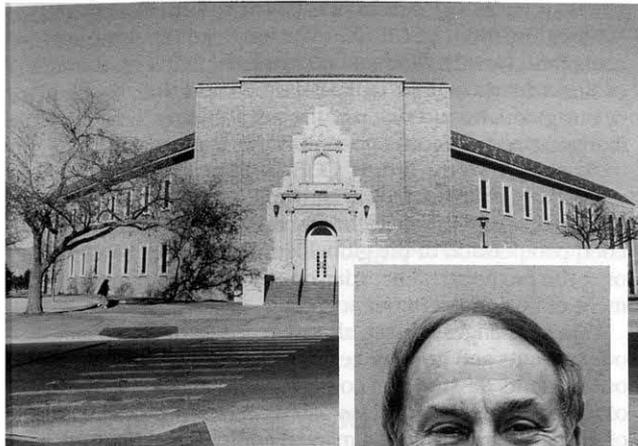
- A&S at Tech is far more encompassing than are most colleges of arts and sciences, covering the traditional areas of social sciences, humanities, sciences and mathematics, but also the fine arts (art, music, theatre arts) and communications (communication sciences, mass communications, speech and hearing sciences).
- The college also contains a large department of health, physical education, recreation and dance.
- Tech is one of the few universities in the country to have aerospace studies (Air Force), military science (Army) and naval science (Navy and Marines) all on the same campus and administered within A&S.
- The department of chemistry and biochemistry has one of the most sophisticated and modern physical plants in the country.
- Their distinguished faculty includes three Horn professors and all faculty are active researchers, with one of the highest levels of external funding in the University, nearly \$3 million per year.
- The Center for Public Service provides a focus for the Master of Public Administration degree, turning out highly respected and widely employed MPS graduates with broad appeal in the public administration arena.
- The doctoral program in psychology is the largest single doctoral program at Tech with 119 students in clinical, counseling and experimental psychology programs.
- The writing programs of the department of English have been recognized for their excellence and for helping undergraduate students campus-wide in all phases of writing.
- The technical writing program is currently awaiting approval of both the M.A. and Ph.D. degrees by the Coordinating Board. When approved, Texas Tech will have one of the most advanced writing programs in the country.
- The creative writing program has received national notice for its quality faculty.
- The interdisciplinary fine arts doctoral program is unique in the entire world. It represents doctoral candidates in art,



College of Architecture Interim Dean Robinson

music and theatre arts who are interested in all aspects of the fine arts from performance to administration. Currently, 76 students are enrolled.

● Active Horn professors in arts and sciences include Dr. Robert J. Baker, biological sciences; Dr. Richard A. Bartsch, chemistry and biochemistry; Dr. J. Knox Jones Jr., biological sciences and museum curator; Professor John Gills, music; Dr.



College of Arts & Sciences Dean J.R. Goodin

David Leon Higdon, English; Dr. David B. Knaff, chemistry and biochemistry; Dr. Walter R. McDonald, English; Dr. Janet W. Perez, classical and romance languages; Dr. Henry J. Shine, chemistry and biochemistry; Dr. Mary Jeanne van Appledorn, music; Dr. Raymond C. Jackson, biological sciences; and Dr. Allan J. Kuethe, history.

● Current chairholders in A&S include Dr. Ken Ketner, philosophy; Dr. Wilse Robinson, chemistry; Dr. George Asquith, geosciences; Dr. William F. Westney, music; and Dr. Clyde Martin, mathematics.

● Among the college's top faculty, from its 26 departments and 2 schools, are Dr. Richard A. Bartsch, separation chemistry; Dr. Janet Perez, Hispanic literature; Dr. Allen Kuethe, Spanish Bourbon military history; Dr. Robert J. Baker, mammalian genetics and molecular evolution; Dr. Walter J. McDonald, one of the nation's most prolific poets; Dr. Mary Jeanne van Appledorn, one of America's best contemporary composers; and Dr. Raymond C. Jackson, plant cytogeneticist.

● Recent accomplishments of the faculty are far-reaching and in many fields, including Dr. Lynwood Kreneck, art, who received international attention for his work with water-based paints in printmaking, establishing a new standard for artistic endeavor without the customary environmental hazards;

● Dr. Purnendu Das Gupta, chemistry and biochemistry, an analytical chemist who has developed methods and instruments for the analysis of extremely small amounts of atmospheric pollutants. Since 1985, he has brought to Tech more than \$2 million in extramural funding, equipment and instrument donations from industry;

"I am quite proud of the College of Arts & Science's numbers — that is, funded research of \$5,695,027, 136 grants between 1989-90, and a \$7.5 million endowment. Too, the quality of our faculty in several areas is of national or international stature.

"Texas Tech is pioneering interactive computing for the writing process, working with at-risk students to teach them how to put thought processes on a computer screen by networking in a computing laboratory. This methodology is so successful that it is likely to expand to all our writing courses and could dramatically change the way that college students develop their writing skills.

"Arts and sciences is moving rapidly to internationalize its curriculum so our students are more aware of global problems and how the educated individual can work to help solve those problems. This is being done not so much by the introduction of new courses, but by sensitizing both faculty and students to international applications in regular course content.

"The department of chemistry and biochemistry and the department of biological sciences are working jointly to support the Institute for Biotechnology. External research support for the scientists working on various biotechnology projects is among the highest on campus, and research in plant molecular biology is gaining international recognition. Included in those departments is a group of scientists with exceptional strength in the basic research of cell wall synthesis. In all, as we look into the future, we will see the College of Arts & Sciences implementing and evolving its academic and research programs to fit a changing world."

- Dr. Roland Menzel, physics, who has developed analytical methods for fingerprint detection using laser spectroscopy. These techniques have been adapted by law enforcement agencies;
- Dr. Mary Jeanne van Appledorn, music, has received her 11th consecutive ASCAP standard panel award. Her musical compositions have been performed throughout the world.
- Dr. J.R. Goodin, biological sciences, discovered a process for the production of test tube cotton. The new biotechnological breakthrough holds promise for the commercialization of a method for the production of a sterile natural fiber that could be customized for many industrial purposes;
- The National Opera Association invited the Tech Music Theatre to present its production of "La Pizza con Funghi" at the national convention in New York City Nov. 7, 1990.

College of Business Administration Dean Carl H. Stem

**Fall Enrollment: 3,866 undergraduate majors;
524 master's students (368 majors and 156 non-majors);
77 doctoral students**

**Graduates: Baccalaureate (since 1928) 22,080;
Master's (since 1941) 2,481;
Ph.D. (since 1968) 197 Total: 24,758**

- The overall high quality of the college's students across all degree programs — graduate and undergraduate — and of its faculty in all fields of study is superior and ranks it among the top quartile of accredited business schools in the U.S.
- Standards for admission into the various undergraduate bus-

ness majors are among the highest of all public universities in this region of the U.S.

- The average admissions test score for students entering the college's master's programs is at the 80th percentile, and for new Ph.D. admittees, the 93rd percentile on a national basis.
- The national and international reputations of the college's faculty is so high that a large majority of its doctoral students are drawn from across the nation and many foreign countries.
- The Northwest Texas Small Business Development Center is a \$1.2 million operation that assisted hundreds of small businesses through six subcenters across northwest Texas.
- The Center for Professional Development conducts non-credit professional development seminars, schools and institutes in 60 cities in more than 20 Sunbelt states.
- The Institute for Management and Leadership Research is working on a multi-year, \$735,000 grant project to study leadership for the U.S. Army Research Institute. It won this award — the largest it has ever received — in competition with 110 universities and research groups across the U.S.
- The Institute for Studies in Organizational Automation is working on a two-year, \$394,000 grant from the state's Advanced Technology Program to research the viability of automating the inspection of electronic chips.
- The Texas Center for Productivity and Quality of Work Life, among other activities, sponsors three nation-wide Managers' Networks that engage executives from major manufacturing companies in cooperative productivity enhancement efforts.
- Since 1984, the college has jointly sponsored (with the Health Sciences Center School of Medicine) the department of health organization management, which is staffed by joint appointments from business and HSC faculty and offers a health organization management track in the college's MBA program.
- The college is in a very select group of 80 business schools in the nation that offers a viable, well-respected Ph.D. program in business. There are some 1,200 academic units in the

"I am proudest of the extremely high quality of the faculty we have been able to attract to the College of Business Administration and to retain. I am likewise proud of our graduates. The college's faculty not only excels as experts in their fields and in dedication to a high level of professionalism, but they are people of high ethical and moral standards.

"COBA numbers among its graduates two Fortune 500 CEOs — James L. Johnson of GTE (Stamford, Conn.) and William B. Snyder of GEICO (Washington, D.C.) — and one of the world's foremost tax experts, Frank M. Burke Jr. of Burke Mayborn Co., Ltd (Dallas). In addition, thousands of our graduates are successful entrepreneurs, corporate managers and executives and political leaders.

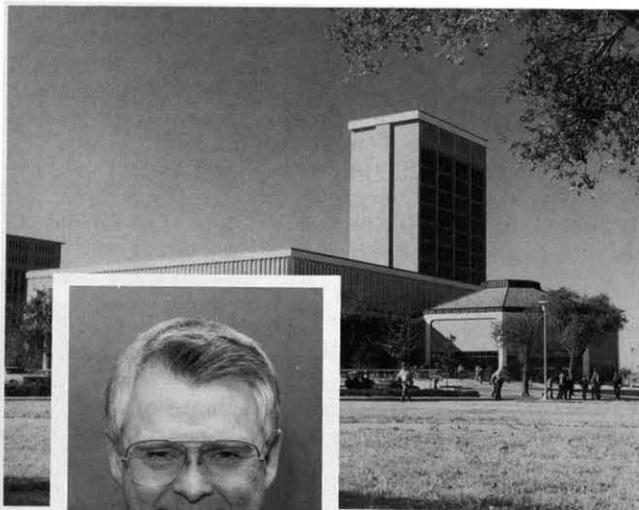
"Looking into the future, COBA will be challenged unlike any other unit in the University to respond to the impact that rapidly advancing technology and the heightened competition of the globalizing marketplace will have over the next several decades on the successful management of businesses in our society.

"These changes impact, almost yearly, what we teach our students and how we teach our students. Ultimately our students must feel as comfortable with the capabilities of the computer and its associated technology as students of former years felt with a manual adding machine. Ultimately our students must feel as comfortable with international business — and be exposed to an international learning experience — as students of former years were with selling in the local community.

"We expect the pace of change to be frantic and the pressures on business school faculty to stay abreast of its implications severe."

U.S. and Canada offering degrees in business and management

- Only 266 of these programs are accredited by the American Assembly of Collegiate Schools of Business at the baccalaureate and master's levels. Of these 266 programs, only 78 have also received special accreditation of their accounting programs. COBA is one of the 78 business schools in the U.S. to hold all three levels of accreditation.
- Among the college's top faculty are three Horn professors — Dr. William J. Conover, statistics; Dr. James G. Hunt, management; and Dr. Shelby D. Hunt, marketing.
- Chairholders in COBA include Dr. Jane O. Burns, taxation; and Dr. Richard L. "Chip" Peterson, bank management.
- Professorships and fellowships are held by Dr. Lane K. Anderson, accounting; Dr. Donald K. Clancy, accounting; Dr. Robert J. Freeman, accounting; Dr. M. Sue Gately, taxation; Dr. Scott E. Hein, banking; Dr. James C. Lampe, accounting; Dr. M. Herschel Mann, accounting; and Dr. R. Stephen Sears, banking.
- Top faculty in their fields include Horn professor Dr. Shelby Hunt, the most widely respected academician in North America in marketing theory. His doctoral textbook is used in marketing theory seminars by virtually every Ph.D.-producing business school in the country. He served as editor of the *Journal of Marketing* from 1983-86.
- Burke Chair Professor Dr. Jane O. Burns is the only woman to hold a chair in taxation in the United States. She was editor of the *Journal of the American Taxation Association* from 1985-88, and served as president of the American Taxation Association in the 1988-89 academic year.
- Distinguished Professor Dr. Robert J. Freeman is acknowledged as the most widely respected academician in the U.S. in the area of governmental/not-for-profit accounting. In 1990,



Dean Carl H. Stem
College of Business Administration

he became the first academic member appointed to the prestigious Governmental Accounting Standards Board.

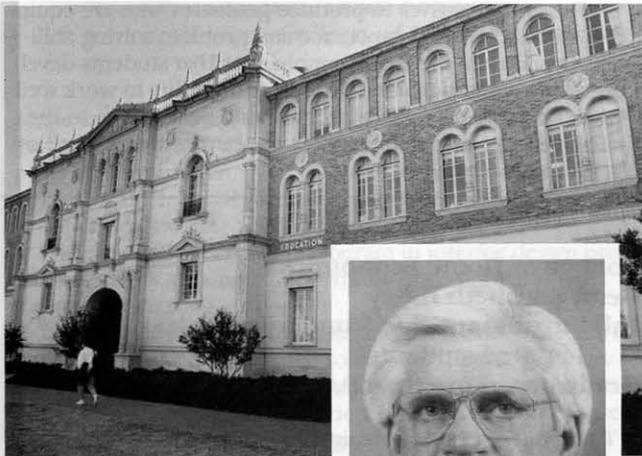
- Horn professor Dr. William J. Conover is an internationally recognized expert (not just in business schools, but in the larger context of mathematical statistics) in the field of non-parametric statistics. He was named Fellow of the American Statistical Association at the age of 42.
- Horn professor Dr. James G. Hunt is an internationally recognized expert in the theory of leadership. He served as editor of the Journal of Management from 1982-86.
- Among the college's major breakthroughs are its 10-year (continuing) effort to computerize the business curriculum, the college's administration, and the support for research.
- The college received major financial support to build one of the most advanced computer systems in any business school in the U.S.
- Exceeding \$1.5 million in external research support in 1989-90 was a major accomplishment. Few B-schools are successful in attracting external funding specifically to support research.

College of Education

Dean Charles W. Smith

Fall Enrollment: 2,131 undergraduates;
486 grad students

Graduates: 6,000 over the last 20 years



College of Education Dean Charles W. Smith

- Among the outstanding areas of the College of Education, we number the following:
- Caprock Area Writing Project;
- Center for Excellence in Education;
- Center for Science/Math Education;
- Drug Abuse Training Project;
- And the National Center for Smaller Schools.
- The college's dual sensory impairment program is the only one of its kind in the nation.

- The combined visually handicapped and orientation mobility program is one of only five in the nation.
- Top-quality faculty, who have made a niche for themselves in their respective areas, include:
- Dr. Gerald Skoog, science education; Dr. Lee Little Soldier, multicultural education; Dr. Arlin Peterson, reality therapy (counselor education); Dr. Loretta Bradley, counselor education; Dr. Virginia Sowell, visual impairment education; Dr. Bill Sparkman, school finance; and Dr. David Welton, social studies education.
- The college has established two nationally respected programs, one in dual sensory impairment, and the combined visually handicapped and orientation mobility program.
- Major accomplishments include establishment of the Drug Abuse Training Project and the Caprock Area Writing Project.

"As dean of the College of Education, I am very proud of the dramatic increase in the level of research funding our faculty has attracted in recent years. The faculty also has genuine concern for the welfare of students that is reflected in the manner in which they carry out their teaching and advising responsibilities. Consequently, the faculty is held in high regard by the student body.

"Pride is also evident in the college's development of a unique and nationally recognized program in dual sensory impairment, and the combined visually handicapped/orientation mobility programs.

"In the future, we can expect to see an increase in our research productivity in the college and a continuation of the preparation of quality educators, a most important mission."

College of Engineering

Dean Mason Somerville

Fall Enrollment: 2,016 undergraduates;
396 grad students

Graduates: 15,000

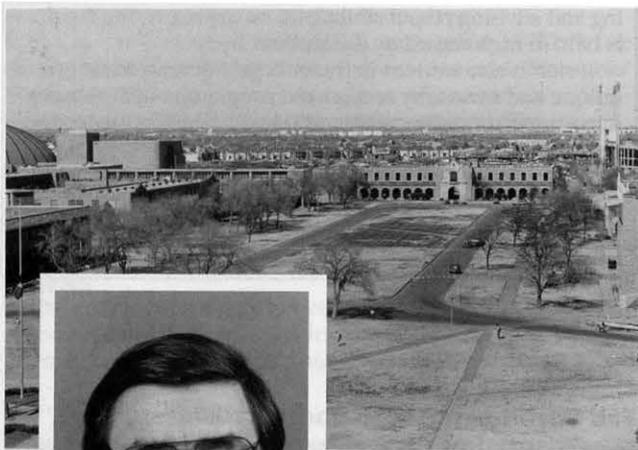
- Widespread recognition for teaching excellence, outstanding contract research and graduate education.
- The college includes eight engineering departments, a computer science department, technology department with three discipline majors, the Division of Continuing Engineering Education, the Division of Engineering Services, and the Louise C. and James G. Allen Engineering Communication Center.
- All students acquire a background in mathematics, chemistry and physics before going into a selected specialty.
- Students who are not computer literate upon entering the University become so during the course of their undergraduate studies, with ample assistance from the 100 faculty, upperclassmen and graduate students.
- Engineering has a growing scholarship program funded by industry, foundation and individual gifts. Scholarships are available for students in all engineering and technology classifications; \$220,000 is awarded annually.
- Private and corporate funding also contributes to graduate and research programs, department development, laboratory and instructional equipment, faculty development and endowed professorships and chairs.
- Contract research averages \$70,000 per faculty member this year.
- Major sponsored research is conducted in all academic departments as well as the 12 research centers and institutes.

Research centers and institutes include the Center for Automation and Robotics, Center for Energy Research, Center for Hazardous and Toxic Waste Studies, Murdough Center for Engineering Professionalism, Water Resources Center, Wind Engineering Research Center, Institute for Disaster Research, Institute for Ergonomics Research, Institute for University Research/Engineering, Glass Research and Testing Laboratory, and the Systems, Materials, Automation, Research, Teacher (SMART) Laboratory.

- The three most popular engineering majors are mechanical engineering with an enrollment of 454 undergraduate and 52 graduate students, electrical engineering with 378 undergraduate and 58 graduate students, and civil engineering with 274 undergraduate and 57 graduate students.
- The college offers several fields of study and programs not available at other institutions in Texas. Some of these areas include multidisciplinary wind engineering research, disaster research; the bachelor's degree in civil engineering; and the study of engineering ethics at the Murdough Center for Engineering Professionalism.
- The college participates in a joint bachelor of arts degree/

bachelor of science degree program with Austin College (Sherman), Baylor (Waco), Wayland Baptist University (Plainview), West Texas State (Canyon), and Lubbock Christian University, where students may enroll in up to 83 hours before they are admitted to the computer science program for an additional 77 hours of course work. After completion of 160 hours, the students are eligible to receive both a B.A. from the participating university, as well as a B.S. degree in engineering or computer science from Texas Tech.

- Among the college's noteworthy facilities are the optomechanics lab, glass research lab, wind lab, tornado missile cannon, and ergonomics research engineering lab.
- Faculty in the College of Engineering are among the most respected in their respective fields. Several Horn professors, chairholders, Fellows in professional organizations and outstanding researchers are among the college's faculty ranks.
- Faculty accomplishments nationally and internationally are numerous. Their collective abilities, based on knowledge of their fields and research capabilities, have attracted outstanding graduate students and impressive research funding to the college.



*College of Engineering
Dean Mason H. Somerville*



"The College of Engineering's reputation is founded on outstanding faculty members, sound undergraduate, graduate and research programs, and the capability of its alumni. The college is equipped to educate students to fill leadership roles and practices as professionals who are aware of technology and its economic and political role in the world."

"The college strives to produce graduates who are equipped with technical competence and problem-solving abilities. In addition, the faculty emphasizes that students develop strong communication skills and the ability to work well with others. Potential engineers should be sensitive to the needs of society and educated in the humanities, as well as in the engineering disciplines."

College of Home Economics

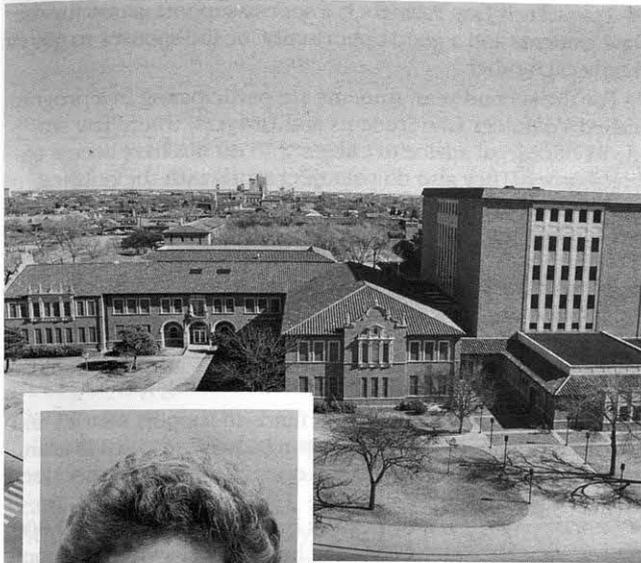
Dean Elizabeth Haley

Fall Enrollment: 2,055 undergraduates;

144 grad students

Graduates: more than 9,000

- The faculty members obtain \$2-3 million in competitive grants annually from federal agencies and private foundations to support research and program development.
- The department of human development and family studies was cited among the top two family science programs in the country in terms of published research articles (1980-86).
- External reviewers of the Coordinating Board described the human development and family studies (HDFS) department as having nationally recognized quality programs at both the undergraduate and graduate levels, as being ranked among the top 10 and as the premier program in the state.
- The marriage and family therapy doctoral program is one of only nine accredited programs in the country.
- HDFS faculty obtain \$1-2 million in sponsored project funding annually.
- The Center for the Study of Addiction and the Institute for Multidisciplinary Research on Adolescent and Adult Risk-Taking Behavior were established to address academic and research concerns related to addiction and other forms of risk-taking.
- The Child Development Research Center utilizes the high



Dean Elizabeth G. Haley
College of Home Economics

scope curriculum and enrolls children from age 5 weeks to 5 years. It serves as a laboratory for students and an educational program for children.

- The family financial planning program is certified nationally at the undergraduate and graduate levels.
- The nationally accredited program in interior design provides students a training opportunity in computer-aided design and a strong art core.
- The Leather Research Institute and the Texas Wine Marketing Institute were established to conduct interdisciplinary research related to economic development in Texas.
- The home economics education program is nationally recognized and is the premier program in the state of Texas.
- The program in restaurant, hotel and institutional management (RHIM) was recognized as being among the top 11 in the U.S. by the Nation's Restaurant News magazine.
- The accredited, post-baccalaureate dietetic internship provides experiences in diverse health care and food service facilities.
- The Youth Exchanging With Seniors intergenerational program brings together youth leaders and older adults from 20 counties who need services to remain independent.
- Undergraduate enrollment in the college grew by 76.5 percent since 1982. During the same interval, the University undergraduate enrollment increased by 9.1 percent.
- During 1988-89, home economics faculty members were awarded 20.5 sponsored project grants and received \$1.7 million in research funding.
- The Master of Science in Restaurant, Hotel and Institutional Management degree was approved and enrolled 13 students in the fall of 1989.
- Accreditation status has been achieved by all programs which have specialized accreditations.

- The college's physical facilities are among the best in the nation, including nutritional biochemistry laboratories, lighting research lab, environmental control chamber for textiles research, family therapy clinic and apparel design lab.
- A state-of-the-art computer laboratory operates on a local area network.
- "Skyviews of Texas Tech University" is a restaurant laboratory where RHIM students acquire hands-on experiences in all aspects of the industry.
- The college is among the three largest undergraduate enrollments and among the top 10 graduate programs in the U.S.
- The only Home Economics Curriculum Center is located in the college. Sponsored by the Texas Education Agency to develop curriculum materials and videos for high school programs, materials are sold across Texas, nationally and to foreign countries.
- A cooperative agreement has been established between the college, the Texas Agricultural Experiment Station, and the Texas Agricultural Extension Service of Texas A&M to extend home economics research initiatives into every county of Texas.
- Among the college's top faculty members are Rockwell Professor of Clothing, Textiles and Merchandising Dr. Pat Horridge; Dr. Karen Wampler, marriage and family therapy; Dr. Jerry Mason, family financial planning, formerly director of education for the International Association for Financial Planning; Dr. Stephen Jorgensen, family studies; Dr. Judith Fischer, family studies; Dr. Nancy Bell, adolescent development; Dr. Julian Spallholz, trace elements and human nutrition; and Dr. Mary Tom Riley, who since 1975, has brought more than \$26 million to Texas Tech in external funding supporting the Institute for Child and Family Studies.
- Dr. S.P. Yang, professor of food and nutrition, established a linkage between molybdenum deficiency in the human diet and various forms of cancer (breast and esophageal).
- Interior design faculty member Dr. JoAnn Shroyer has discovered ways to design the environments of Alzheimer's disease patients that provide more comfort and less stress in their lives.
- Dr. Marie Gentry, Dr. JoAnn Shroyer, Mr. Zane Curry and Dr. J. Thomas Hutton received the Foundation for Interior Designer Education Research Award for research in designing interiors for Alzheimer's Disease patients.

"There are many things for which I take great pride for the College of Home Economics. We have an outstanding record of sponsored project funding (grants), and a national reputation of quality for our programs. There has been a tremendous growth in annual giving since 1982.

"Faculty members have been involved in national, regional and state professional organizations in leadership capacities. There is a high level of faculty research productivity, measured in terms of papers presented at national research meetings and published research in scholarly journals. And, our faculty members serve as editors of three national or international refereed research journals and in 50 positions on editorial boards, or as reviewers for journals or federal agencies.

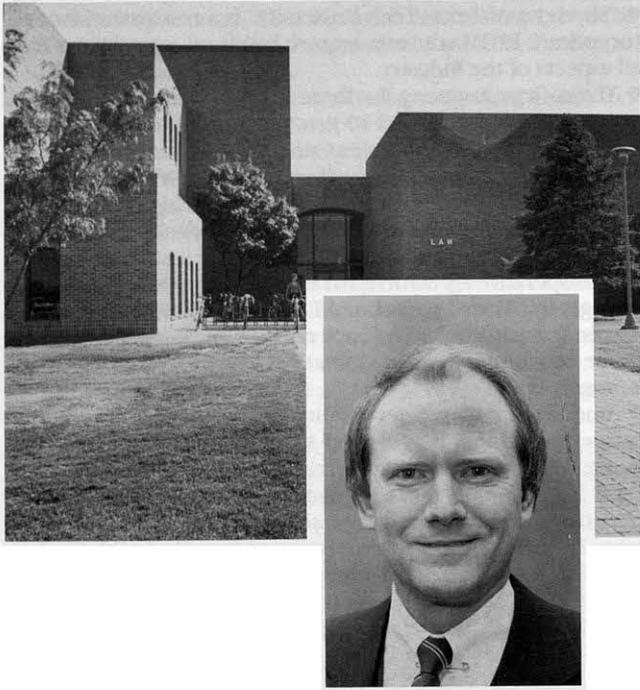
"Our focus for the future will be on home economics academic and research programs addressing the major societal issues of our decade, among them: work/family issues, teenage pregnancy, aging, child care, risk-taking behavior, multi-cultural influences, substance abuse, environmental issues, poverty, homelessness, suicide, and family violence."

School of Law

Dean W. Frank Newton

Fall Enrollment: 589 graduate/professional

Graduates: (through August 1990) 3,060



School of Law Dean W. Frank Newton

- Having a law school and a medical school on the same campus allows for joint courses in bioethics, hospital law and much interaction through programs and seminars for both schools' students.
- The school has one of the best scholarship programs in this part of the United States, offering for an entering class of 200 students the equivalent of 50 full scholarships, providing tuition, all fees and a book allowance.
- Tech law students have won more national advocacy competitions than any other law school in the United States.
- Students have a great passage rate on the bar exam, which is one of the standards by which law schools are measured. Students are becoming well known as litigators and have become leaders in the bench and bar.
- The law school occupies spacious, modern facilities, with an extensive law library, attractive lounges and study areas, and a computer laboratory. The law library has terminals for both LEXIS and WESTLAW, computerized legal research facilities.
- Law students at Tech represent a diverse group of interests, ages and backgrounds. Twenty percent of the students are over the age of 30.
- Extremely sensitive to the needs of handicapped students, the law school is completely wheelchair-accessible.
- Recognizing the need for minority lawyers, the school actively recruits qualified minorities to the program and is part of a four-state consortium participating in a sun-belt minority recruitment program.
- The law school offers interdisciplinary study leading to joint degrees with business administration, agriculture and public administration.

- Texas Tech Law Partners is a spouse-support group for the law students and a good opportunity for the spouses to get to know each other.
- For the second year, students are participating in a program called Volunteer Law Students and Lawyers, where law students offer legal advice to clients who do not have access to an attorney. They also do volunteer work with the hospice program.
- Faculty/student ratio is low, as is the cost of law school at Tech.
- Four faculty in the law school hold endowed professorships. They are Professors Owen Anderson, J. Hadley Edgar, W. Reed Quilliam Jr. and John Krahrmer.
- Fall entering law students, based on LSAT and GPA, rank in the top one-fourth nationally.
- The school seeks endowment funds to support salaries and research activity in order to draw top-quality faculty. It is anticipated that in the near future, one-third of the faculty slots will be endowed.
- Support for the law library has been increased by \$600,000. A "library of the future" is being built in the law school, complete with state-of-the-art technology and 250 new study carrels, making it one of the highest-access libraries in the United States.
- Emphasis will be on student body quality, rather than on growth for growth's sake. Current students are academically gifted, showing a greater degree of academic success.
- Reputation of the law school is growing, despite its relative youth. Students have come from as far away as Lyons, France, to attend Tech's law school. In addition, advanced degree and professional persons have enrolled and are pursuing the J.D. degree, among them a Ph.D. and a physician.

"The quality of our law students is outstanding. They have won national and international championships in moot court, mock trial, client counseling, and in negotiation. I am very proud of this record of achievement and success. We have traditionally finished first or second regionally in most all competitions, and that speaks highly for our students and the quality of their instruction.

"One of the ways you judge a professional program is by passage rate on the bar exam. The law school has been first or second in bar passage rate for several years. In the last bar, we had the highest passage rate of any school in the state. The record of our students has made us look very good. We're an outstanding law school, so it follows that our students do well on the bar passage.

"Another area of pride for me as dean is that four of the 24 members of our faculty are members of the prestigious American Law Institute. We also have one faculty member who serves as a commissioner on the National Conference on Uniform Laws. Another was invited to serve as an academic adviser to the Federal Court Study Commission. Others have been appointed by the Supreme Court of Texas to review rules by which the courts operate and to provide legal services to poor Texans. Many also serve on various state bar committees. I am extremely proud of this faculty.

"In the future, I anticipate a probable capping on the number of students we admit, a higher level of endowment and support funding, and constant examination of our courses to assure the best preparation of future lawyers and their ability to work productively in an increasingly complex legal environment."

Golf's Marathon Man

BY RUSS PATE

While most people run marathons, Texas Tech-ex Randy Smith plays marathons. Golf marathons, that is. Smith, the head professional at Royal Oaks Country Club in Dallas and a December 1974 Tech grad, has mastered the art of playing golf marathons for charity.

Using a sophisticated support system he's set up over the past seven years — including a truck mounted with spotlights, radio relays and volunteer ball spotters — the Wichita Falls-born, Odessa-raised Smith raises record amounts of money for the PGA of America's National Golf Day.

Last August, Smith and a rotating group of assistant pros from his Royal Oaks staff played 401 holes of golf (that's no misprint) during one 24-hour period. Counting pledges from club members for the number of holes played, birdies and eagles, Smith raised \$27,000 for the PGA's scholarship and research programs.

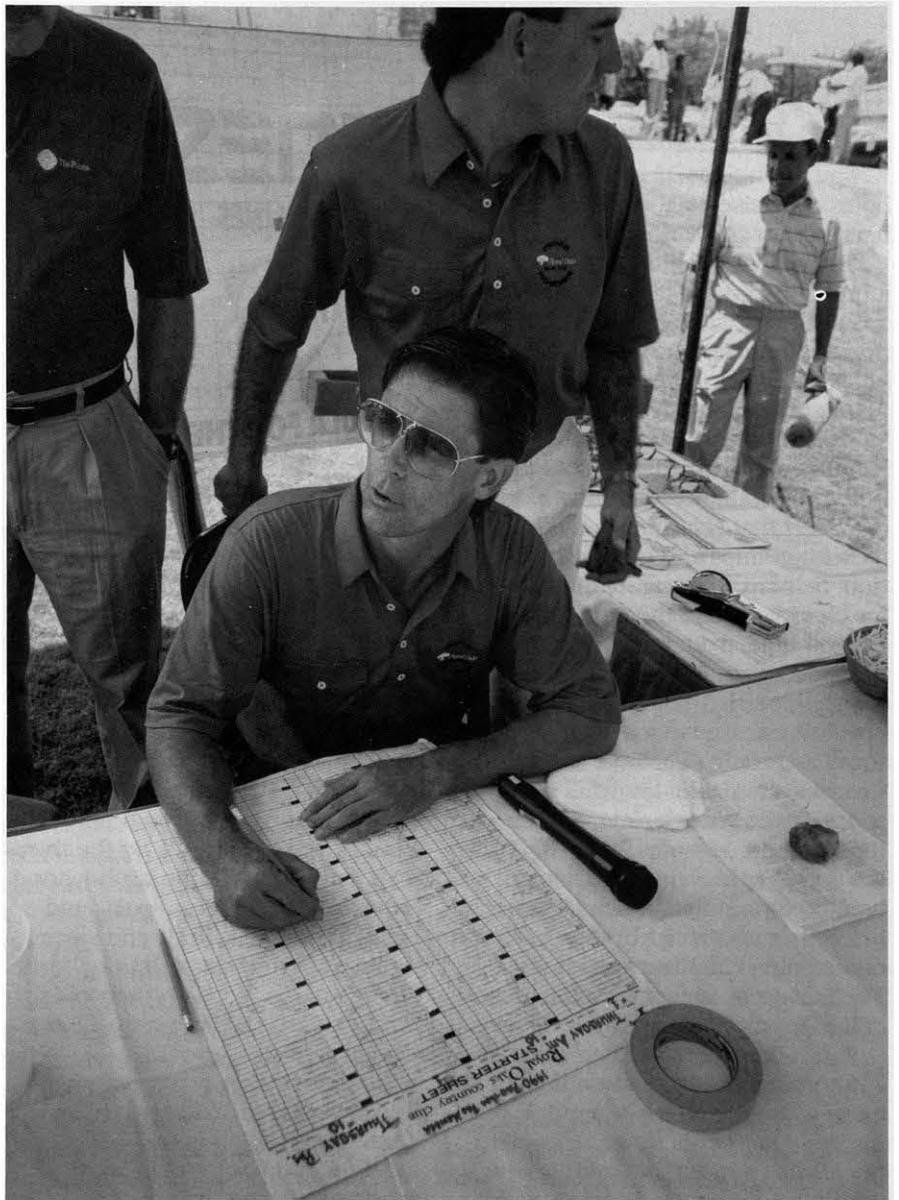
He led the nation's golf pros for the seventh consecutive year, a period in which Smith's ironman act has raised roughly \$125,000 in charitable donations.

"My golf game never progressed much beyond my freshman year at Tech," says Smith, who turned 39 in early January. "I had to make up for that in other ways."

So he compensated for a lack of success playing golf by becoming a champion in charity work and goodwill.

In Smith's golf marathon debut in 1984, the Tech-ex told a fellow golf pro from Florida that he could raise more money on National Golf Day. Talk was cheap, but soon it came time to put up or shut up.

Smith, who says he's motivated by avoiding failure ("My professional goals are based on one thing, and that's not failing; I don't want to fail, period.") poured his energies into round-the-clock golf. Along with fellow Dallas club pro Bob Elliott (Northwood), Smith played 270



Smith in the starters' tent running one of many tours at Royal Oaks Country Club.

ASTON THORNTON



The Gatlins with Smith on the Tech sidelines last fall.

holes and raised \$9,000. He hasn't been equaled yet.

"As with most things I do, I jumped in and did it, then looked around to see how it went. It's the fire-aim-ready approach to life I'm known for," shrugs Smith.

In addition to golf marathons, Smith also specializes in golf stunts. He played the world's longest golf hole, a 37-mile stretch of the Nevada desert that sent him to the hospital with cramps and heat prostration; he played an exhibition (also for charity) called the world's tallest golf hole, from the roof of one of the Las Vegas casinos to a parking lot on the Strip.

Smith once spent a day in a five-state including PGA Tour star Ben Crenshaw and well-known TV sportscaster Dale Hansen, playing the toughest 18 holes in the Dallas/Fort Worth area. The group would play a hole, then hop into a helicopter and whirlybird to another hole at another golf course. The event raised funds for the Muscular Dystrophy Association.

Randy Smith has the heartbeat of a hummingbird. He's a bundle of energy, the possessor of a quick, biting wit. One of his Royal Oaks members likes to joke that Smith is a living advertisement for the value of Valium. It's been said Smith makes coffee nervous.

Even with his unchallenged status as golf's marathon man, Smith may be almost as well known for his work with the Gatlin Brothers Celebrity Pro-Am for MDA, which is played in the Dallas area each May.

The tournament evolved out of the old Metro PGA Assistants tour-

"As with most things I do, I jumped in and did it, then looked around to see how it went. It's the fire-aim-ready approach to life I'm known for."

— Randy Smith

namment, which in its infancy had Dallas Cowboy Hollywood Henson and Plainview native Jimmy Dean as celebrity hosts. By the third year, Smith tapped into his boyhood roots to line up Odessa pals (and Texas Tech-exes) Rudy and Steve Gatlin as permanent celebrity hosts. (Along, of course, with their older brother, Larry, a University of Houston alum.)

Smith and the Gatlins, especially Rudy, were close friends at Texas Tech. They took business courses together and hung out in Smith's apartment in the University Arms complex, near Jones Stadium. By the late 1970s, when the Gatlins

weren't spinning out chart-topping country-and-western hits like "All the Gold in California," they were working on their golf games.

The golf bug bit them bad, and when a West Texas pal like Smith asked for their help with a charity golf tournament, the Gatlins couldn't say "you got it" fast enough.

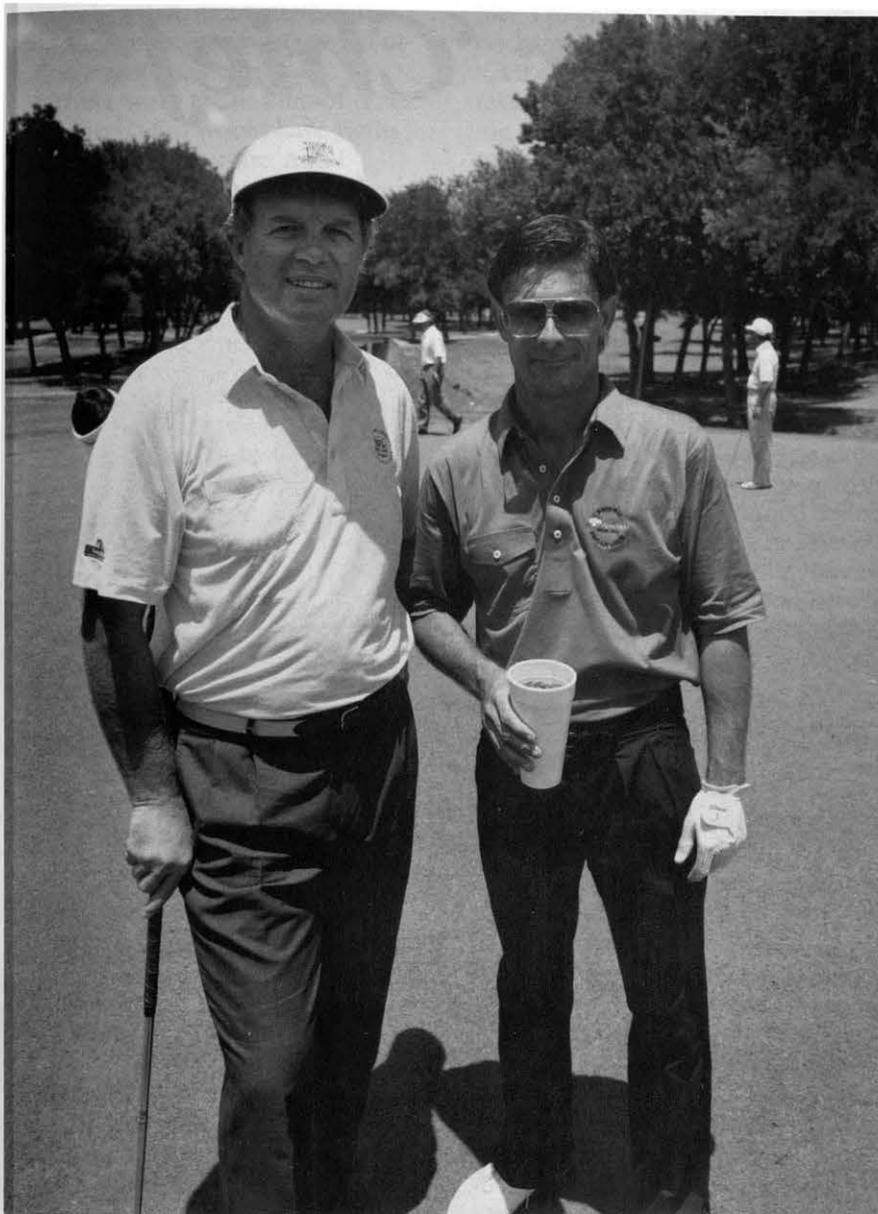
With Randy Smith running the show, the Gatlins' celebrity pro-am became a major success. "To be honest with you," says Smith, "at first the charity aspect was nice, but we wanted to show that we could stage a top-notch golf tournament. Then after the second or third year, I suddenly became more involved with the MDA charity and got to know some of the kids. That really changed me. It hit me that the money we raised did some good. I became totally committed. Later, I branched off into other charities and stunts."

Smith and his wife, the former Paula Unger (Texas Tech '74) have two children, son Blake and daughter Blair. The Smiths met at Odessa Permian High School, where Paula transferred as a senior after beginning school in Electra, Texas. Randy

Smith had dreamed of being a football star at Permian until he sized up the market for 116-pound linebackers and decided trade in his shoulder pads for a sand wedge.

He became a high school golf star. Texas Tech beat out A&M for his signature on a grant-in-aid. The fact Paula Unger had announced she was headed to Lubbock made the choice as easy one.

Smith played two years for the Texas Tech varsity golf team, a period of underachievement notable for the fact his best performance came in the first major tournament of his freshman year. It was all downhill after that.



Tech's Donny Anderson (left) with Smith on a charity tour.

He lost his golf scholarship, but completed his education at Tech while working for Lubbock's golfing Mitchells (Gene Sr. and Gene Jr.) at Lubbock Country Club and a retail offshoot called The Sports Shop.

Smith learned golf club repair and golf cart repair while taking a full class schedule. By his senior year at Tech, he had become a golf pro.

"The Lubbock experience taught me life isn't all fun and games," says Smith. "It was a lesson in time management. My party time got cut way down."

Smith remains an avid fan of Red Raider football. He's become friends with Coach Spike Dykes and several Tech assistant coaches. He's been known to hang around the sidelines at Tech games, rooting on the red-and-black.

One of Smith's members at Royal Oaks, incidentally, is another famous name associated with the Red Raiders — Donny Anderson. "If you want to listen to Texas Tech or Green Bay stories, just come to the 19th hole at Royal Oaks during lunchtime. Donny will sit around telling football stories until the cows come home. I've heard 'em all at least 15 or 20 times."

Anderson, who now does motivational speaking, talking to youth groups about leadership and lessons for success he learned from football coaches like Vince Lombardi and J.T. King, has no trouble finding words to describe Randy Smith:

"He's developed a junior golf program here that's second to none," said Anderson. "He's also one of the best and most energetic golf professionals you'll ever meet. He's like a goodwill ambassador for the game."

Among the products of the Royal Oaks junior program are two current Tech golfers, Jason Foster and Tres Newton.

With his trained eye as a golf teacher, Smith shared these observations on the golf swings of several of his famous friends:

Steve Gatlin: "Gets it done ugly."

Rudy Gatlin: "Has one of the most beautiful golf swings an amateur could possibly have. But still can't beat Steve."

Larry Gatlin: "Will take a lesson from anyone. And tries to implement all the lessons."

Donny Anderson: "Although he plays from the wrong side (Anderson is left-handed), he has a very athletic swing. He's an excellent player."

Spike Dykes: "Also plays from the wrong side. But he's got the greatest 3-wood game known to man."

And what about Randy Smith's game? Well, he may have left his best shots somewhere along the old West Texas barbecue circuit, tournaments in towns from Amarillo to Odessa. Nevertheless, as PGA Tour star Peter Jacobsen says, "Randy is a smart, attractive guy with a great personality. I've found him to be a very knowledgeable teacher of the game, and someone who's never satisfied, who's always working hard to learn more and contribute more. Golf is lucky to have someone like Randy in the profession."

Maybe the fitting thing to say about Smith's golf game is that he's the consummate money maker. If you're talking about raising money through a golf charity, nobody does it better.



Just call her 'Chief'

BY MARINA PISANO
SAN ANTONIO EXPRESS-NEWS

Someday a child psychologist may come up with a how-to manual on the rearing of a female police chief. Until then, there's Elizabeth Watson '71. Though straight off, the new chief of the Houston Police Department denies that she represents women in some way.

"I shy away from stereotypes," she said during an interview in her third-floor, wood-paneled office at HPD headquarters downtown. "I'm an individual first — very much my own person."

A native of Philadelphia, the former Elizabeth Herrmann and the family moved to Houston in 1963, when her father, John Herrmann, took a position with the NASA Apollo Project. A fun-loving youngster, Watson quickly put down strong roots in the southeastern part of the city — roots so deep that today she declares, "I think of this as my hometown, not Philly."

While developing a close-knit circle of friends, Watson did well academically at Jones High School and went on to earn honors in psychology at Texas Tech, graduating in 1971.

The bright young girl grew into an independent, analytical, pragmatic, result-directed woman in the demanding, male-dominated profession of policing.

While Watson, married and the mother of two children, doesn't call herself a feminist, she's made women's-rights history, climbing higher than any female in the field to become the first woman police chief in one of the nation's top-10 cities.

On Feb. 8, 1990, Watson was sworn in by the woman who ap-

pointed her, Houston Mayor Kathy Whitmire, to succeed Chief Lee P. Brown, who left to become the police commissioner of New York. Watson was Brown's protege and served as his deputy chief in the Westside Command Station.

What the new female chief — "Betsy" to co-workers and friends — has going for her more than anything else is that she's one of HPD's own — up from the ranks, a 17-year veteran and proud of it.

FAMILY AFFAIR

More than a dozen in the chief's immediate family are in law enforcement. Start with her husband of 14 years, Robert Watson, a sergeant in the traffic division. Then, there's a younger sister, Ginger Quinn, the first female captain in the Harris County sheriff's department, plus assorted uncles and cousins.

In Philadelphia, her grandfather and her mother's brothers were on the police force.

"Mother was traditional, but she also believed that all of us children — I'm the second oldest of four girls and two boys — could do anything and be anything, no holds barred.

"My father was very intelligent, always stressing academics. I think of him more and more these days — he died in 1976. When I was considering whether to take this job, I tried to imagine what he'd say. I think he'd say, 'Go after it. You have to experience life and give it your best shot,'" Watson says.

The stocky, 5-foot-8-inch, brown-haired police officer comes to the job with strong frontline experience, enough to silence any macho-male doubters on the sidelines. Dur-



Houston Chief Elizabeth Watson

ing five years as a detective, she worked in the Sex Crimes Unit, Homicide Division and Burglary and Theft Division. She also was assigned to the SWAT team.

PROVING HERSELF

Her sister recalls an incident when Watson more than proved herself to male officers. "One time when Betsy was with the SWAT team, she was involved in a hostage situation at a jewelry store. She had to crawl through an air-conditioning vent to set the tear-gas grenades. That was a harrowing moment. She has courage, all right. You better believe it."

It took a fair amount of gumption to tough out the early years in uniform. "I came in at a time when the organization was just beginning to accept women. When I first joined in 1973, there were fewer than 100 women. We have 384 now, close to 10 percent," Watson notes.

She doesn't dwell on the chauvinist remarks and rough jokes women officers had to swallow in those days. "I never focused on the gender issue," she says. But she does

remember that, as a female detective, she lost seniority in several division transfers.

"There were (male) junior detectives there who would have rights and privileges over me. And I thought that was not fair. My view was, I can make waves over this and file a (sex-discrimination) complaint. Or I can get promoted to rank and change things myself. I chose the latter.

"As chief I'm not going to single out women — or any other group — for special treatment. But what happened to me — losing my seniority because I was female — wasn't fair. The important thing is to treat people with equal respect and dig-

nity. I'm going to make sure everyone gets treated fairly," she vowed.

Of course, even as chief, she has taken some male ribbing — including mock curtsies from a few clowning patrolmen.

"That's why we accept her," remarks an undercover detective who has known Watson for years. "She doesn't get all upset at our jokes and tolerates some of the questionable language police officers use."

"Mother was traditional, but she also believed that all of us children could do anything and be anything, no holds barred. My father was very intelligent, always stressing academics. When I was considering whether to take this job, I tried to imagine what he'd say. I think he'd say, 'Go after it. You have to experience life and give it your best shot.'"

— Elizabeth Watson



PHOTOS COURTESY THE SAN ANTONIO NEWS-EXPRESS AND BOB OWEN

Houston Police Officers Association president Mark R. Clark expands on that. "She's a fun person. She doesn't take all that seriously. But what's important is that she's a complete person — not only a police officer and the police chief, but a mother and wife. She's not one-dimensional, and I think that's going to prove a very strong asset."

While Watson works hard, she does not appear to be a workaholic who leaves her family behind. "I didn't get here because of my own work in isolation; he was there by my side," Watson said of her husband. "He's part of me, he's happy for me, and I just couldn't make it without him."

Her sister, Capt. Virginia Quinn, said that "a lesser man would be threatened by her position. He (Robert) has been her absolute chief ally."

Meanwhile at work, Watson is going to be under considerable pressure — the pressure not to mess up. At the Police Foundation, Martin points out, "If she falls on her face, they won't say, a white failed, or a police officer failed. They'll say a woman failed. That's a heavy burden."

The confident Houstonian isn't fazed by the prospect. "So, people take an especially hard look at me. Why should I worry about that if I'm doing my job?"





Dr. Scioli

When others turned him down

BY CAREY GOODRICH

"I never skipped a class in those four years, because I felt so fortunate to be there."

— Dr. Mark Scioli

From the time he was a small child, Mark Scioli dreamed of becoming a doctor. It was what he wanted to do with his life. But a hunting accident in 1973, the year before he was to enter college, left him unable to walk without the help of braces and crutches — and threatened his chances for achieving his dream.

But Scioli was determined not to let his accident alter his dreams. Now a respected podiatrist and orthopaedic surgeon in Lubbock, Dr. Scioli credits Texas Tech with giving him the opportunity to try and succeed where other schools turned him down because of his "handicap."

His first year at the University was hard. He had not completely regained his stamina and strength after the accident. That, combined

with his disability, made his freshman year very difficult academically, physically and emotionally.

"It was hard for me to keep up my first year at Tech," Scioli said. He tried taking 16 hours his first semester, but that overloaded him. It had only been a little over a year since his accident. He was still adjusting to his new lifestyle, both physically and emotionally, but even after a disappointing first year, he did not give up.

He was determined to raise his grades. Scioli said pulling out of his slump was much like running wind sprints — "You look bad while you're doing it, but in the end, you're in great shape."

His grades from that freshman year hurt him four years later when he applied to medical school. Texas Tech School of Medicine was the

sole institution willing to give Scioli a chance. He was thankful to Tech for this opportunity and gave it everything he had. He never skipped a day of classes and always made top grades. "I felt fortunate to be there," he said.

He finished seventh in his class and received the Gold Headed Cane Award for being the outstanding graduate.

The next hurdle Scioli faced was getting into a residency program. Not coincidentally, his interest was in general orthopaedics, the treatment of disorders of the bones, joints, muscles and the nerves that supply them.

For the first and only time since the hunting accident, which robbed him of full use of his legs, Scioli said he felt directly slighted for his handicap.

Not one orthopaedic residency program accepted him, even after proving himself so clearly in medical school. The administrators at many schools doubted that he was physically capable of meeting the strenuous needs of the orthopaedic programs.

Scioli was truly frustrated. "Ortho-

paedics is not so physically demanding as it is demanding of finesse, knowledge and technique," he said.

In lieu of an orthopaedic residency, Scioli accepted an internship in Texas Tech's internal medicine residency program. He completed one year before reapplying and being accepted for the orthopaedic residency program at the University's Regional Medical Center in El Paso.

Tech had once again proved its belief in Scioli and what its doctors knew he was capable of achieving.

After completing his four-year internship in El Paso, Scioli was selected to fill a foot and ankle surgery fellowship at The Center For Orthopaedic Care Inc. in Cincinnati, Ohio.

He worked under Dr. G. James Sammarco and was the only handicapped physician to be selected to fill one of the 15 foot and ankle fel-

lowships in the country.

Sammarco described Scioli as a self-assured, forthright and affable doctor. "He's a good listener, which makes him a good student and a great physician," Scioli's mentor said of him.

With the intention of giving something back to the institution that helped him, Scioli returned to Lubbock in August 1988 and opened a private practice in orthopaedics in The Center for Orthopaedic Surgery. His emphasis is in foot and ankle surgery.

Like most good doctors, Scioli stays busy and is dedicated to his work. (It took two months to get an interview, and we met in his office at 7 p.m. He had just finished with his last patient, he still had to make rounds at the hospitals and a surgery was waiting for him. Even with a day this busy, he did not complain.)

"I am just blessed to have so many people coming to me for help and to have the knowledge of how to help them," Scioli said.

When asked who or what was his source of motivation, he attributed much of it to his family and especially to his father, Eugene R. Scioli, who is a practicing podiatrist in Lubbock. Scioli also puts much faith in the Lord and in prayer.

Since returning to Lubbock, the physician has not forgotten his alma mater. He has been donating time to the Tech School of Medicine as a clinical instructor in orthopaedics. He also hopes to begin a fellowship program in orthopaedics with Tech while continuing to serve the School of Medicine any way he can.

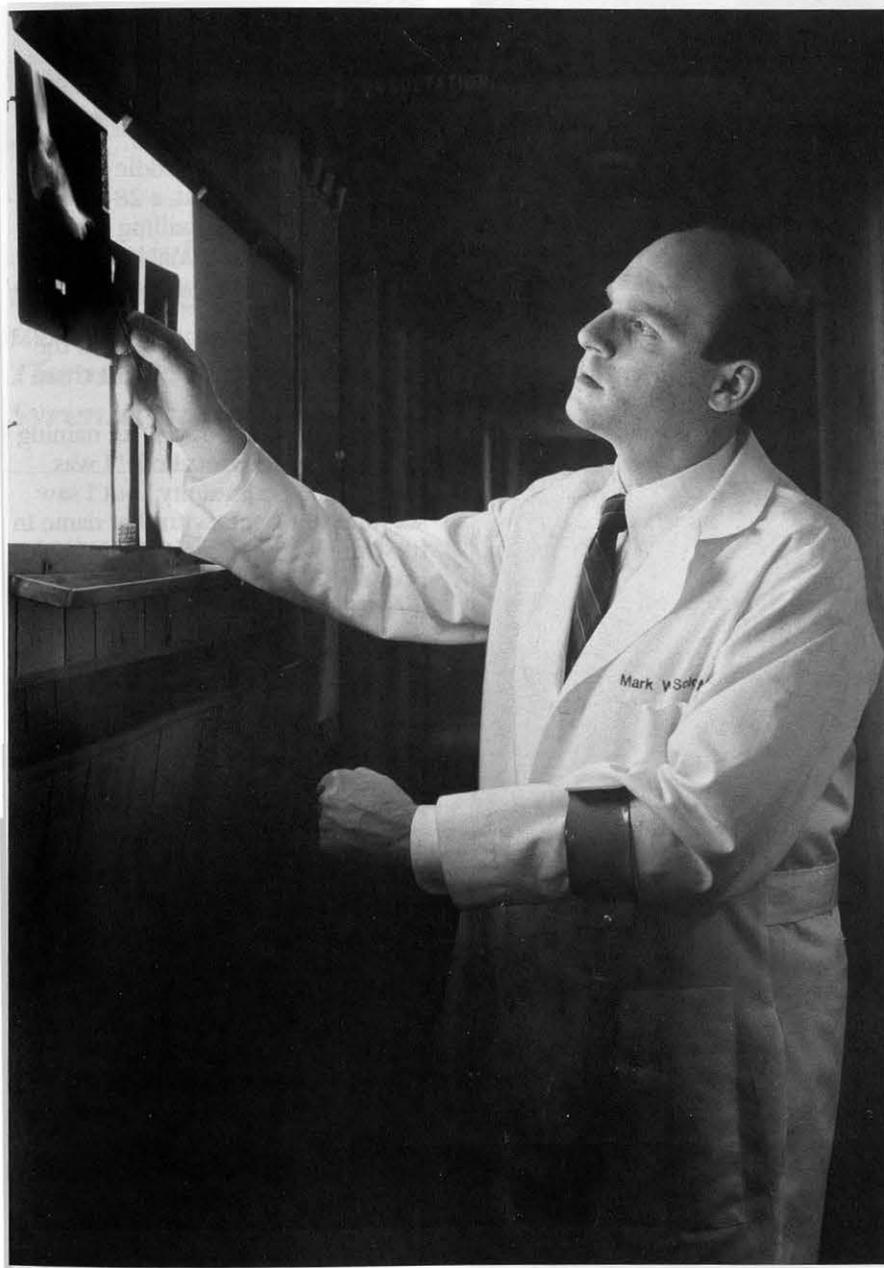
"I owe everything to Texas Tech, for giving me a chance when no other schools would," he said.

That chance, he said, has led to a fulfilling career helping others, to a wonderful wife and new baby boy, and to the realization that people with a dream should not ever give up.

"The pursuit of one's goals is often cut short by society's misgivings," he said. "Life is not fair. Therefore, be prepared when opportunities present themselves."

Mark Scioli was.

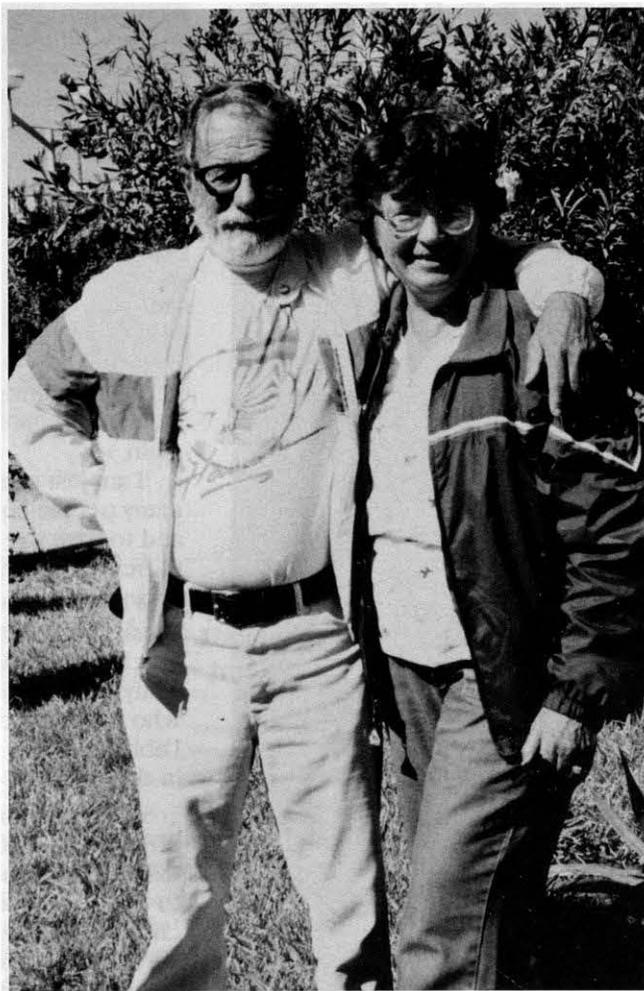
Dr. Scioli reviews a patient's X-rays. A disabled orthopaedic surgeon, Scioli helps his patients do the things his own handicap prevents.



PHOTOS COURTESY THE MEDICAL CONCERN, INC.

Around every corner a new adventure

BY PATTI FINLEY



*Cal and Freddie
Loveless,
La Paz, Mexico,
1988.*

When Clarence "Cal" Loveless '49 was growing up in Amarillo and, later, attending Texas Tech, nothing about his lifestyle on the dry South Plains suggested to him that he someday would live on a boat.

Nor did the electrical engineering student predict that, for five and one-half years, he would be half the crew of that boat, a 39-foot center-cockpit ketch, sailing it more than 20,000 nautical miles.

Nevertheless, after graduating,

designing substations for Southwestern Public Service in Lubbock for six years, and working at Sandia Labs in Albuquerque, N.M., for three years, he was transferred to Livermore, Calif., where he would get his first taste of sailing 16 years later. It was an addicting taste.

"I went on a sailing trip with some friends in 1975, and I thought, 'This is the way to live,'" he said.

It was also in 1975 that he met his future wife, Freddie, at a Parents Without Partners meeting in Livermore. Unlike Cal, Freddie had a

strong foundation for sailing. Her father was half of the two-man Star-class boat team that represented the United States in the 1936 Olympics in Berlin. Born and raised in Berkeley, Calif., Freddie first sailed at the age of seven and never stopped.

"Sailing is the type of sport you like from the beginning or you don't like it at all. If you like it, you want to do it forever," she said.

In 1976, Cal and Freddie purchased their first boat, a 28-foot sloop. They enjoyed sailing on San Francisco Bay and taking short trips up and down the coast outside the Golden Gate. In 1977, they traded the sloop for "the biggest boat the two of us could handle" and christened it *Syrenity*.

"Naming your boat is like naming a child," Freddie recalled. "I was thinking of 'Serendipity,' but I saw six different boats with that name in the time we were waiting for our boat to be delivered. I liked 'Serenity' but wanted something different."

Syrenity had two staterooms, two baths, two showers, and many conveniences such as a stove and refrigerator.

Starting in 1978, Cal and Freddie spent each summer vacation until 1984 cruising down the California coast to Santa Barbara and the Channel Islands, preparing themselves and *Syrenity* for bigger things to come. In 1979, the couple married; in 1982, Cal retired from Sandia; and in 1984, Freddie retired from Lawrence Livermore Laboratories. Formalities out of the way, it was time to do some serious sailing.

The Lovelesses set sail in May 1984 from San Francisco Bay to Honolulu, Hawaii. Until November 1989, *Syrenity* would be their home.



Syrenity in Hawaii

"We decided we were going to Hawaii first and just let it happen from then on," Freddie said. "Occasionally, we had itineraries if friends were meeting us somewhere, but itineraries are just frameworks pending the weather. Safety is the main concern."

During their years on the boat, the couple was not totally isolated from their family and friends. Mail addressed in care of general delivery was forwarded to them when they were anchored, and friends from California visited them in several ports.

Freddie's daughter Patricia was their business manager, paying their bills and forwarding their mail to them from California. While at sea, they had ham radio contact almost every night.

On their first passage, the Lovelasses were accompanied by a two-man crew, but they soon learned they could handle all of the responsibilities themselves, with the help of an automatic pilot they named "George." Cal and Freddie took turns manning the boat since someone always had to be in charge.

"It's amazing how rarely you see another boat on the high seas, but when you do, it's on a collision course with you," Cal said. "We've seen tugs where we would have been between the tug and the tow if we had not changed course to avoid them."

Tense as such a moment must have been, Cal and Freddie had tense ones during their life at sea. At midnight on their third day out of Kauai on the passage from Hawaii to Washington, Freddie, while on watch, felt something hit the boat. Hearing Freddie's call, Cal came running.

"I just knew we were holed," Cal said. "But when I grabbed the flashlight and looked, I couldn't find anything."

Looking over the stern, Freddie saw what she thought might be a whale, and the next day, her suspicion was reinforced when Syrenity

At midnight on their third day out of Kauai on the passage from Hawaii to Washington, Freddie, while on watch, felt something hit the boat. . . . The next day, her suspicion was reinforced when Syrenity sailed by a whole pod of killer whales.

As they embarked on that 17-day passage on the Pacific Ocean, Cal and Freddie started an adventure that eventually took them around the Hawaiian Islands, north to Alaska and British Columbia, south along the West Coast states, and farther south to Mexico.

Their lifestyle varied. They spent some of their months moving from marina to marina with little sailing in between. At other times, such as their two winters in Seattle, they stayed in one area for several months, leaving the boat almost every day to walk. On still other occasions, they were alone at sea.

Freddie and Cal love to travel, on or off their boat. They recently took an Ex-Students Association-sponsored trip to the Alps, which included a stop at the Hofbrau House in Munich.



JIM DOUGLASS

sailed by a whole pod of killer whales.

"I figure we came upon the fellow while he was sleeping," Cal said.

As might be expected, weather also did its share to add to the excitement of the trip, as did Syrenity itself. On the same passage as the "orca" scare, Cal went out one day to change the jib. A strand of the forestay was broken and started coiling as he pulled the gib down. For the next three hours, Cal struggled to untangle what soon took on the appearance of a witch's hair in a West Texas wind.

"It was just above my reach," Cal said. "The more I pulled, the bigger the rat's nest got."

Finally, he managed to clip away the broken wire — along with a lot of frustration.

Most of the Lovelesses' experiences were more pleasant. One of their favorite memories is of dolphins that kept them company.

"At night you see this phosphorescing trail coming right at you, and you know the dolphins are back," Freddie said.

Among the sights they described as most beautiful, some, such as sunsets and stars, are familiar to West Texans. Still, beholding them while at sea may have added to their beauty.

"When the stars are out with no 'human' light, you can see zillions and zillions of them," Freddie said.

"The first landfall after 25 days is always a beautiful sight," Cal added.

The couple's last passage was in June 1988, when they sailed from Manzanillo, Mexico, to Hilo, Hawaii. They spent several months sailing around the islands and, in November 1988, arrived in Oahu, where they lived on the boat one more year.

They considered sailing the South Pacific but, instead, bought a home near Hilo, Hawaii, where they live today. Syrenity, still in Oahu, is for sale.

"Living on the boat just didn't seem to be that much fun any more," Cal said. "We'd gone to the end of our insurance tether. To go to the South Pacific, insurance would have been absolutely out of

sight."

Today, Cal and Freddie still travel whenever they can, if in a more conventional fashion. Last summer, they went on the "Best of the Alps" trip hosted by the Texas Tech Ex-Students Association, touring Switzerland, Austria and Germany with a stop in Oberammergau for the Pas-

sion Play. When at home, they practice their golf, square dancing and round dancing.

In many ways, their lives are similar to the years on the boat: they live in beautiful surroundings; they don't follow a strict itinerary; and, around every corner, they find a new adventure. 

Syrenity's Travels

May 1984	Set sail from San Francisco Bay to Honolulu, Hawaii
June 1984 - Dec. 1984	Moved from anchorage to anchorage in Hawaii
Dec. 1984 - March 1985	Berthed in Ala Wai, a marina in Honolulu
Apr. 1985 - May 1985	Visited Kauai, the island farthest north and west from the "big island" of Hawaii
May 1985 - June 1985	Sailed from Kauai to the Strait of Juan de Fuca, which empties into Puget Sound in Washington
June 1985 - Oct. 1985	Cruised the Gulf Islands, British Columbia, including Princess Louisa Inlet and South Puget Sound, Washington
Oct. 1985 - May 1986	Stayed in the Seattle, Wash., area
May 1986 -	Sailed north through the Inside Passage via Prince Rupert, British Columbia, Ketchikan and Juneau, Alaska, and finally to Skagway, Glacier Bay and Sitka. Went back down the Inside Passage to Vancouver, British Columbia, spending a few days in August at the Expo and then returning to Seattle.
Aug. 1986 - Oct. 1986	Cruised Puget Sound
Oct. 1986 - July 1987	Spent more time in Seattle
July 1987 - Aug. 1987	Went west out of the straits and cruised the Barkley Sound area of Vancouver Island
Sept. 1987 - Nov. 1987	Sailed down the West Coast states, spending time in San Francisco and San Diego
Nov. 1987 - March 1988	Continued south to Cabo San Lucas, Mexico, on the tip of the Baja Peninsula and to La Paz, Mexico
March 1988 - May 1988	Spent time in Mazatlan, Puerto Vallarta and Manzanillo, Mexico
May 1988 - June 1988	Sailed to Hilo, Hawaii
June 1988 - Aug. 1988	Sailed from anchorage to anchorage on Big Island of Hawaii
Aug. 1988 - Nov. 1988	Spent time on Maui and Molokai islands of Hawaii
Nov. 1988 - Nov. 1989	Lived for one year on the boat in Oahu
Nov. 1989	Put Syrenity up for sale in Oahu and moved into a home 25 miles outside of Hilo, Hawaii



PHOTO COURTESY THE AVALANCHE-JOURNAL AND JOE DON BUCKNER

Feisty newsman Ernest Joiner

Truth guides newsman through spicy career

*BY ELIZABETH KAUFMAN,
LUBBOCK AVALANCHE-JOURNAL*

Only one thing was missing from making Ernest Joiner's visit to Texas Tech complete. Clifford Jones, who was Texas Tech president when Joiner graduated in 1939, wasn't on campus to throw him off.

When Jones told campus newspaper editor Joiner his graduating day was the happiest of Jones' life, he was among the first to square off against the newspaperman's biting commentaries and hard-nosed reporting. Fifty years later, the firing line is full of enraged sharpshooters. Joiner says, bring them on. It means that he must be doing something right.

In March 1959, Time magazine

called the then-editor of the now-defunct Ralls Banner "one of the most outspokenly devil-take-the-hindmost editors in the U.S.," adding that he "often blurts out the sentiments that the larger papers would like to say on their own, but dare not."

He was interviewed by Dave Garroway of the Today show and counted television newscaster Walter Cronkite among his subscribers.

But what really excites Joiner, who was on campus for his 50th class reunion, is a 1984 letter of

censure he received from the California Legislature.

At that time, Joiner was editor of the Northern California Sebastopol Times, where he had moved in 1962 to test his mettle against fierce competition.

As he had done in Ralls, Joiner's tests were carried out by examining public officials in a front-page column titled, "Opinion." When California Assembly Speaker Willie Brown told a school group he could "make or break" any laws brought before the Legislature, Joiner re-

sponded by loudly denouncing Brown's lack of humility. The Legislature responded similarly to Joiner.

Duking it out on the front lines is something Joiner has done since his first taste of newsprint. He was on the pioneering staff of the Dalhart High School newspaper, *The Wolf's Howl*.

And as editor of *The Toreador*, the Texas Tech newspaper then, the political science major was the first editor to come from a discipline other than journalism.

He was also the first editor thrown off the paper three times.

"One time, during a lull in things, I decided it would be a good idea to choose the biggest horse's neck on campus. I had no idea the dean of engineering would win it hands down. He was a big crybaby and he complained," Joiner recalled.

His pal, Student Council President Joe Stanley, saved him from the administrator's wrath.

"He told them if they didn't let me back on, he wouldn't sign any checks," for needed student body items, Joiner said. So, the administrators let him back on the staff. But they found another way to "get even."

"One of the things the administration did to punish me was, they kept me in the dorm and didn't let me know if I was going to graduate or not until 30 minutes before the ceremony. I think I was the last elected editor," he recalled, laughing.

When Joiner worked on *The Toreador* staff, the newspaper office was housed in the engineering building's basement. That is no longer. Nor is the handlebar moustache of his Ralls days. The dark hair has whitened, but the rich voice and hearty laughter remain, despite Joiner's 79 years.

He continues to keep his mind and tongue sharpened on his typewriter keys (he has a computer he doesn't use). As editor of the *Lincoln County Times* in Carrizozo, N.M., a paper he has owned for seven years, he keeps a gun in his desk drawer. It is not a practice of paranoia. He said it is one of necessity.

He first learned why he needed

that gun in the early '50s in Ralls.

"I caught the sheriff bootlegging. He was handing a guy a fifth of whiskey with one hand and taking a

Some of Joiner's latest crusades scale an international level — "I put out a contract on the Ayatollah Khomeini once," he said, laughing.

"I started out saying exactly what I thought about anything. If they didn't like it, I told them to get off my subscription list. When people get on me for speaking out, my rejoinder is, the first amendment is no damn good unless you use it."

— Ernest Joiner

\$10 bill in the other. We took a picture of him and ran it on the front page of the paper in the next issue.

"He sent word he was gonna kill me. I was working at 10 o'clock one hot August night, and the door was open. A bullet hit the woodwork right above my head. Everybody saw him. He was in the official car. They started a petition for impeachment of the sheriff. They said he was too poor a shot to hold the job," he said, laughing.

Humor has been Joiner's survival tool; his journalistic punches have been laced with it.

"In Ralls, I found out through the sheriff's office that there were 10 gallons of liquor consumed (per) every man, woman and child in the county. Considering that children didn't drink, most women didn't and some men didn't, that was a lot of liquor. I finally decided if they were so addicted to alcohol, why didn't they drink it legally and honestly? Let's have a beer election.

"I want to tell you, that town's population doubled over night. We had evangelists coming in. On the morning of election day, the polls opened at 8 o'clock. I went down to the polls at 7, and people were lined up for two blocks. Mind you, there were no more than 25 people out for a normal election. They defeated it four to one. I was trying to think of some way to shock these folks. It had rained that night. So I had a banner headline that said 'Crosby County goes wet' and then real small underneath, I said, 'By four inches.' I could hear those little old ladies droppin' all over the county."

The political conservative, who said he's been called an "idealist" among other things, laments what he considers to be a decline of accountability in the media. He used the example of Bob Woodward, whom he said "would have been fired from the *Washington Post*" in days past for his book, *Veil: The Secret Wars of the CIA, 1981 to 1987*, reportedly based on the actions of the late William Casey, former director of the CIA.

Joiner said his own loud voice is carved from facts. And he's ready to defend his right to repeat what he learns.

"I started out saying exactly what I thought about anything. If they didn't like it, I told them to get off my subscription list. When people get on me for speaking out, my rejoinder is, the first amendment is no damn good unless you use it," he said.

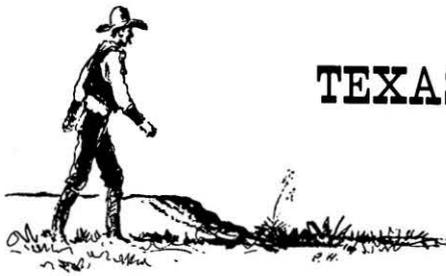
The man who made his career in weekly newspapering and is currently writing a book about his experiences, said he wouldn't have had it any other way.

"Weeklies are more personal. I was offered a job on the *Washington Post* when I was at Ralls. I agonized for a month over it, but I had young children and would not raise them in that place. And I would not last. We would have had some disagreements about how stuff was written. I want to say it my way," he said.

Of Joiner, his classmate and supporter Joe Stanley said, "He used to be a salty old dog. I wonder if he still is."

Stanley can rest assured.





TEXAS TECH IN RETROSPECT

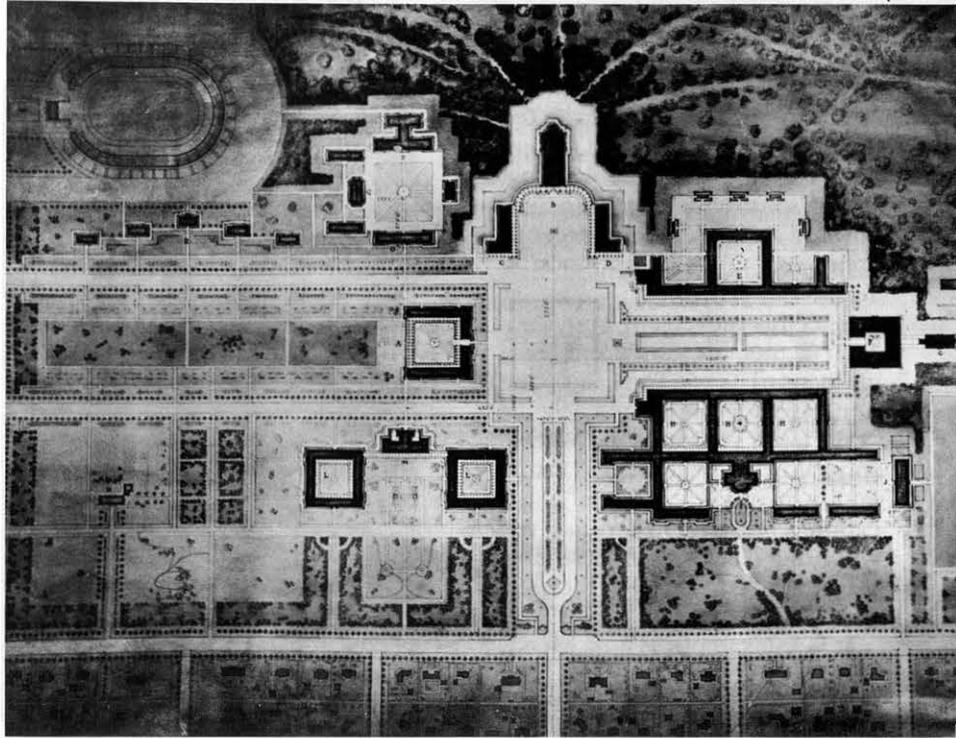
The Texas Tech Historic District

BY DR. DAVID J. MURRAH

Thanks to the dedicated work of a Texas Tech professor and his wife, the central core of the University's campus has been approved to be designated as a historic district by the Texas State Review Board of the National Register of Historic Places.

The Dairy Barn, constructed in 1925, has also been approved for individual listing on the National Register. Pending final approval by the National Park Service, both the Texas Tech Historic District and the Dairy Barn will be listed in February.

Nominated to the National Register by Horn Professor of Architecture Willard B. Robinson, his wife, historian Jean M. Robinson, and graduate assistant Craig Drone, the



Campus designer William Ward Watkins' original plan for Tech.

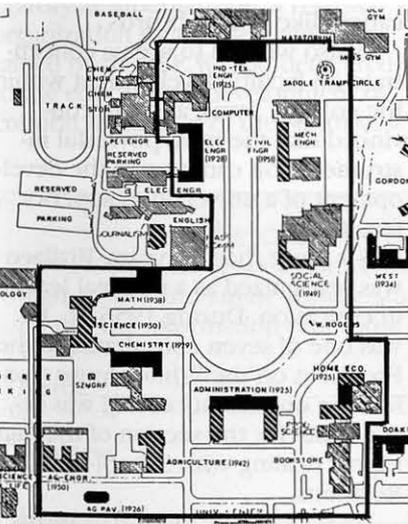
Historic District represents several years of effort by campus preservationists to get the District created.

In order to be designated a Historic District, an area must include structures that share a common theme and be at least 50 years old. The Texas Tech Historic District, which comprises Memorial Circle, the Engineering Key, and the Science Quadrangle, includes the Administration Building (1925), Home Economics (1925), the old Textile Engineering Building (1925), Agricultural Pavilion (1926), Electrical Engineering (1928), Chemistry (1929), and Mathematics (formerly the Library, 1938).

The District commemorates de-

signer William Ward Watkins' original plan for the campus. Watkins, who was head of the College of Architecture at Rice in the 1920s, chose the distinctive Spanish Renaissance Revival style for Tech in order to carry on what he termed "the tradition of the early architectural history" of Texas:

The great table lands of West Texas . . . have likeness in color and character to the table lands of central Spain, and this group of college buildings, as it gradually develops into its different courts, can carry the early traditions, fittingly tying in the bond tradition, the old history and the new, the past, the present, and the hope for the future.



LEGEND:
■ BUILDINGS IN SPANISH RENAISSANCE STYLE BUILT BEFORE 1940
▨ BUILDINGS IN SPANISH RENAISSANCE STYLE BUILT AFTER 1940
░ OTHER CAMPUS BUILDINGS

Boundaries of the Texas Tech Historic District.

COURTESY SOUTHWEST COLLECTION

Endowment honors noted educator

BY FRANCIE LOWE

Morris S. Wallace was and is a tireless advocate of Texas schools. As a faculty member of Texas Tech's College of Education, and through countless hours of service on state and national education agencies, he devoted a distinguished career to improving public education in Texas.

Since his retirement from the Tech faculty, his loyalty and commitment to Texas Tech and education have not diminished.

His latest project is the Morris S. and Palmer B. Wallace and Family Endowment in the College of Education, a lectureship/seminar which will bring distinguished leaders in the field of education to the Texas Tech campus.

It is an example of how friends can enrich the teaching and learning experience through gifts to endowment.

A LEADER IN EDUCATION

During a career which spanned almost four decades, Wallace made a lasting mark on Texas education. He played a leading role in education reform in Texas during the 1960s, helping to develop standards for teacher education and promoting professional development opportunities for administrators.

A native of Collin County, Wallace attended the Melissa and McKinney public schools and earned the bachelor and master of arts degrees from North Texas State University. As a doctoral student at Columbia University's prestigious Teachers College in the late '40s, Wallace learned of summer programs to give teachers and school



Morris Wallace, educator.

administrators an opportunity to learn from outstanding people in the field.

He brought the "institute" concept back to Texas, and it plays an important role in his commitment to professional development for educators.

He served for 16 years in the public schools as teacher and school administrator at elementary, junior high and high school levels, then entered higher education where he worked for 26 years.

After teaching at the University of Mississippi and Oklahoma State University, he came to Texas Tech in 1955 to chair the department of education, then a division of the College of Arts and Sciences. In 1967,

largely due to his influence, the department became a college.

"I always felt that if Texas Tech was to serve our region, we should play an important role in strengthening the whole educational system," Wallace says. "In the early '60s we started sponsoring summer institutes similar to those I had seen in the Northeast. Within three years, we had 400-500 people attending from all over the region, paid for by their districts.

"I wanted to see closer relationships between the college and public school systems. I felt that we had an obligation to offer courses and professional development opportunities and that we needed to develop programs for others involved in education, like school boards.

"I also wanted to see us concentrate on faculty development within the college. I was, and am, convinced that the most powerful instrument you can have in the development of a university is superior faculty."

For more than 30 years, Wallace was recognized as a national leader in education. During 1955-56, he was one of seven consultants to the President on the White House Conference on Education, and was responsible for the section of the final report dealing with School-Public Relations.

He served four three-year terms on the State Board of College Examiners for Teacher Education, perhaps the longest term ever served by a single member.

He served as educational consultant in school buildings, finance program evaluation, personnel administration and school board poli-

cies in over 100 public school systems, colleges and universities throughout the U.S.

He was a member of the Advisory Council to the American Association of Colleges for Teacher Education and chairman of the sub-committee to recommend standards for admission to the Associated Organizations for Teacher Education. He was cited in 1968 by the American Association of Colleges for Distinguished Services to teacher education.

He was a charter member of the National Panel of Consultants of the American Association of Colleges for Teacher Education, developing teacher education programs over the nation.

Wallace was selected by the American Association of Colleges and Universities and the U.S. Department of State to serve as a member of the Educational Commission to Pakistan in 1964. An appointment of which he is especially proud is membership in the International Platform Association, an organization of experts recommended to address issues in education.

In 1966 he was elected a member of the executive board of the Southwest Cooperative Educational Laboratory at Albuquerque, a regional organization established and maintained by the H.E.W. and dedicated to the educational development of cultural minorities of the Southwest.

"I also wanted to see us concentrate on faculty development within the College (Texas Tech). I was, and am, convinced that the most powerful instrument you can have in the development of a university is superior faculty."

— Morris S. Wallace

ENDOWMENT STRENGTHENS PROGRAM

The endowment which bears his family name is a continuation of Wallace's commitment to faculty development and service to professionals. The initial endowment of \$5,000, given by the Wallace family, will establish the endowment to bring a distinguished visiting lecturer to the campus each year.

Wallace sees the lectureship as providing a resource to faculty, students and the education community of the region.

"This outstanding person will give a public lecture for school administrators, teachers, principals and superintendents. The next day, he or she will be available to faculty and upper-level students for seminars."

Ultimately, it is hoped, the endowment will reach the funding level for a professorship (\$150,000) or a chair (\$250,000). A committee has been formed by Dean William Smith

of the College of Education to seek gifts to expand the endowment.

Wallace says it is important to his philosophy that the program will not enrich one area of interest at the expense of others.

"One year, we might have a reading specialist; the next, someone who is working in curriculum development. Then we would have someone to speak on educating minority or disadvantaged students."

Wallace's wife, Palmer, is an enthusiastic supporter of the program. "We wanted it to be a family project," she said. "We wanted our daughter's family (Mr. and Mrs. Ronald D. Collyar and Bob, Bill, Beth and Barbara) to feel it is their project, too. So the endowment carries all our names."

Colleagues, friends and former students of Wallace are working to increase the endowment. Persons wishing more information should contact the Office of Development or the College of Education. **T**

Texas Tech Wants YOU as an Academic Recruiter!!!

The Ex-Students Association is searching for Tech-exes in your area who are interested in visiting with local high school and junior college students and promoting Texas Tech University. If you would like to help, simply fill out the information requested below.

Name _____ Class Year _____

Address _____ City/State _____ Zip _____

Home Phone () _____ Business Phone () _____

Is there a particular school you would like to recruit? _____

Return to: Texas Tech Ex-Students Association
P.O. Box 4009
Lubbock, TX 79409
ATTENTION: Chris Macon

President Robert Lawless changed places with junior Craig Andres

Andres as part of a fund-raising effort for scholarships from 8 a.m. till 5 p.m. one day this fall in the first "Lawless Exchange," sponsored by the Tech Interfraternity Council.

The event raised almost \$3,000 for the Student Foundation Endowment Fund for Scholarships.

While Lawless was tediously taking lecture notes and answering questions in his classes, Andres performed various "presidential" duties, including attending board meetings and making a speech at the faculty senate meeting.

"I made all my classes and was early to each one," the Tech president said. "The experience was fun, and the professors did a good job."

Lawless began his day at 7:30 a.m. by parking in the commuter parking lot among other students' vehicles, while Andres enjoyed the privilege of parking in the presidential parking space at the Administration Building.

The parking exchange did puzzle some parking control personnel. "We both almost had our cars towed," Andres said.

A Japanese language class and business statistics were among the classes Lawless attended. "President Lawless took good notes," Andres said. "He had taught 20 years of stats (business statistics). He even ad-libbed many of the notes."

Andres said his duties as president were more difficult than he had anticipated.

"The experience was extremely enlightening. Dr. Lawless really does earn his money. Most people think the President's job is easy, but I think I can hold off having his job for a while."

The Faculty Senate's committee report on the State of Teaching

presents facts, figures and recommendations to help improve Tech's views on teaching.

"Professors should be rewarded for their efforts in the classroom as well as for their accomplishments in research," said Faculty Senate President Dr. James Brink.



President Lawless experienced first-hand a student's life, attending classes, taking notes and even parking in a commuter lot. His "stand-in," Craig Andres, won a day in the life of the Tech President in a charity drawing.



Committee members sent questionnaires to faculty, administrators, students and alumni. The questionnaires were completed by 479 of 865 full-time faculty members, 449 of 1,198 randomly selected students; 40 of 78 administrators and 910 of 3,490 randomly selected alumni who left the University between 1982 and 1989.

"The most significant finding in the report has to do with the high degree of satisfaction and praise that our teaching received from each of the groups surveyed," Brink said.

Although faculty members rated the quality of teaching highly, they also expressed the desire to be rewarded for their teaching abilities.

The report lists the most common faculty responses to the survey's request for steps to improve the quality of teaching. Comments included to "make it a priority," "make it matter" and "recognize that teaching is an integral part of the University."

"The faculty sees an increase in the teaching load as a form of punishment," Brink said. "I have never heard a faculty member say with pride, 'I'm teaching four courses this semester.' There are just no rewards for teaching."

Brink said the committee report does not state that research should be diminished, but cautions the University against a blind pursuit of research at the expense of teaching.

Resolutions to the problem include making teaching a significant part of the University with merit pay, tenure and promotion decisions, building teaching flexibility into merit evaluation systems, remediating teaching difficulties and improving college and departmental teaching awards.



Alan White

Alan B. White was unanimously elected as chairman of the Texas Tech Board of Regents in November during the board's last meeting for 1990. The position is to be held for two years.

White was appointed as a regent two years ago by Gov. Bill Clements. He is a longtime resident of Lubbock and chairman of Plains National Bank.

White's term as chairman extends from Jan. 1, 1991 through Dec. 31, 1993.

Tech could be the first university in the state

of Texas to offer a high school diploma through Independent Study by Correspondence. Judy Copeland, assistant director, said the University currently is petitioning the Texas Education Agency in Austin to be accredited to offer high school degrees.

Independent Study by Correspondence is individualized learning by mail. Students use a course study guide supplemented by textbooks, reference materials and instructor feedback.

Tech offers 99 high school courses, 89 college courses and continuing education unit credit and non-credit courses as well as many other independent study courses. Students can enroll in the courses at any time during the year and take from a few weeks to nine months to complete course work.

"Independent Study by Correspondence offers credit courses which students do at their own pace," said Copeland, noting that because students in correspondence work learn without attending class, they must have considerable personal motivation, responsibility and self-discipline.

The Independent Study by Correspondence unit of the Division of Continuing Education at Texas Tech began in 1927. With more than 18,000 students enrolled, the Tech unit is now the third largest correspondence program in the country.

For further information or to receive a copy of the 1991 catalog, call 1-800-MY COURSE.

Meeting required minority quotas can be a hard job because of the limited number of minority Ph.D.s in the nation, said the director of the Department of Affirmative Action and Personnel Relations, which aids in the hiring of minority and female faculty members.

Julio Llanas said that because Tech receives several million dollars from tax collection, it must abide by affirmative action. Because Texas Tech employs more than 50 people, the federal government requires Tech and similar entities to have, in effect, a system of affirmative action.

"The government says we're going to commit ourselves and ensure that everybody has an equal opportunity for the jobs that are going to be offered at this institution," Llanas said.

The primary effort of affirmative action is to hire blacks, Hispanics and

women in areas where they are under-represented. This pertains to the faculty, of which there is only a small percentage of minorities and women, Llanas explained.

Tech currently employs five black and 15 Hispanic faculty members. The low count of minority faculty at Tech is attributed to the lack of qualified minorities able to teach in higher education. Because of the availability, the minority hiring goal in each department is about one black and one Hispanic each year, Llanas said.

"The availability of qualified Ph.D. applicant minorities all over the country is very limited."

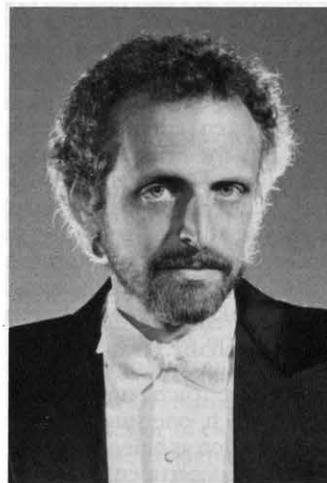


PHOTO COURTESY MUSIC PUBLICITY

William Westney

Music professor Dr. William Westney was selected to receive the annual Spencer A. Wells Faculty Award during the Dads and Moms Association Family Day banquet.

The award is given by the group each fall to a University teacher who has shown creative excellence in teaching during the past academic year.

A School of Music faculty member since 1978, Westney is the 25th recipient of the award, which carries an honorarium provided through the Hemphill-Wells Foundation.

Westney is a frequent performer as well as a noted piano teacher. He currently is the Eva Browning Artist-in-Residence at Texas Tech.

His creative integration of science, philosophy, psychology and music has been presented to students and professional peers. His bachelor's degree was earned from City University of New York and his master's and doctoral degrees in music from Yale.

Tech Today Briefs

Ten departments in four colleges at Tech received unrestricted grants as part of a nationwide program. The colleges receiving funds were **engineering, business administration, law and arts and sciences**. . . **Dr. E. Lee Taylor Jr.**, professor and chairman of the department of family medicine at the University of Alabama at Birmingham, has been named associate dean of the Texas Tech Health Sciences Center Regional Academic Health Center in Amarillo. The appointment was effective Nov. 1. . . An updated **east-west freeway** model addressing Texas Tech's concerns on traffic patterns at 19th Street and the Jones Stadium-Lubbock Municipal Coliseum area were shown to the board of regents at a recent meeting. The freeway plan has been granted preliminary approval by the Federal Highway Administration. . . Divergent views were discussed on American troop involvement in the Middle East by **Dr. Sabe Kennedy**, professor of international political science at Tech, and **Dr. Metin Tamkoc**, a political science professor who teaches international law. During a question-and-answer session after each professor's 20-minute speech, one student summed up the situation as being "all economics" . . . The department of **speech and hearing sciences** provides various forms of research and services benefitting adults and children with problems, especially those associated with language development, speech impediments and hearing loss. With the current shortage in speech-language pathologists, the demand is intense . . . "Rondo," a series of seven mini-plays by Ph.D. candidate **Tony LoBue**, features an unusual format. The series includes comedies and dramas, varying from realistic to expressionistic and combines theater, music, art and dance with certain themes repeated. . .



Sabe Kennedy

AGRICULTURAL SCIENCES

Three West Texans were recognized Nov. 15 for their

outstanding contributions to Texas agriculture during the College of Ag Sciences' 63rd annual Pig Roast.

Wayne Martin and John R. Abernathy, both of Lubbock, and James L. Powell of San Angelo were named Gerald W. Thomas Outstanding Agriculturalists at the ceremony.

The awards are named for Gerald Thomas, former dean of the college, now president emeritus of New Mexico State at Las Cruces. The award, established in 1969, is given to individuals for their contributions to Texas agriculture in the areas of ag production, agribusiness and public service.

The outstanding agriculturalist in the area of agribusiness was awarded to Martin, general manager and president of the Plains Cooperative Oil Mill in Lubbock. He earned a bachelor's degree in 1964 in accounting.

Powell, a rancher from San Angelo, was awarded outstanding agriculturalist in the area of ag production. He is the immediate past president of the Texas and Southwestern Cattle Raisers' Association and has served as president of the Texas Sheep and Goat Raisers Association and the National Wool Growers Association.

Abernathy, a professor of weed science and resident director of research at the Texas A&M Agricultural Research and Extension Center in Lubbock, was named as outstanding agriculturalist in the area of public service.

He is responsible for weed research in agronomic crops of the Texas Southern High Plains. His research and knowledge of weeds and herbicides is recognized in Texas, across the U.S. and internationally.

Dr. Henry T. Nguyen was selected by the

Crop Science Society of America to receive the 1990 Young Crop Scientist Award. Nguyen ("winn") is associate professor of plant genetics and the first Texas researcher ever to receive the national honor.

The award is given annually to recognize a young crop scientist who has made outstanding contributions to any area of crop science before the age of 37.

Candidates are evaluated on their quality of teaching, their effectiveness of extension and service activities, the significance and originality of their basic and applied research and their effectiveness in administrative activities.

Nguyen, 36, is recognized for his research efforts aimed at developing crops that can withstand drought and extreme temperatures by understanding the biochemistry, physiology and genetics of plants.



H.T. Nguyen

The Texas Agricultural Loan Mediation Program at

Tech has been recertified by the U.S. Department of Agriculture to assist agricultural borrowers and creditors in reaching mutually agreeable solutions to distressed loan situations.

Dr. Gary Condra, project leader for the program, said that since the establishment of the Ag Loan Mediation Program in December 1988, the program has handled more than 200 cases.

"Nearly two-thirds of these cases have resulted in voluntary agreements, avoiding foreclosure, bankruptcy or other litigation," he said.

Condra said any farm or ranch borrower or creditor can initiate a request for the services of the program by contacting the Agricultural Loan Mediation Program offices at (806) 742-1949.

Three distinguished alumni of the College of Agricultural

Sciences were honored Oct. 12. Selected for the prestigious honor were Earl Burnett '46 of Temple; Charles V. Cunningham '55 of Washington, D.C.; and George C. Wilson '41 of Lubbock.



Agricultural sciences D.A.s (from left) Charles Cunningham '55, George Wilson '41 and Earl Burnett '46.

Burnett, a retired soil scientist for the Texas Agricultural Experiment Station and the U.S. Department of Agriculture, received his bachelor's and master's degrees in agronomy from Tech in 1946 and 1949. In 1952, he received his doctorate in soil science from Ohio State University.

Cunningham is the leader of the Fibers Group of the Agricultural Stabilization and Conservation Service in Washington, D.C. He received his bachelor's degree in agricultural education in 1955.

Wilson was the president of Bell Dairy in Lubbock for 13 years before he retired in 1981. He earned his bachelor's degree in dairy industry from Tech in 1936.

ARCHITECTURE

As public architecture both reflects and impacts society,

buildings on university campuses reveal the importance people attach to education, according to Elizabeth Loudon, faculty member in the College of Architecture.

Campus architecture was the focus of a two-day symposium, "Campus Continuity: The Preservation of Educational Buildings in the United States and Mexico," held Nov. 15-16 at Texas Tech.

The symposium provided a broad overview of historic restoration and

preservation of campus architecture from an international, cross-cultural perspective.

The architecture of Texas Tech, designed using Spanish Renaissance style, was the subject of several presentations and a tour. Buildings, like those at Tech, are aesthetic and technological records of specific cultural and historical times, according to Loudon, symposium director.

"For example, at the time Texas Tech was started, there was nothing else built out here. The building of this university showed that people were willing to put time and money into these facilities. The buildings became a record, a truthful record, of that time, so that each generation afterward can go back and interpret," she said.

As university campuses age, older buildings often are neglected, or renovations of those structures are conducted without attention to the historic integrity of original plans. Architects struggle with the conflict of blending with the context while reflecting their own time and technology, according to Loudon.

Accommodating the original intent of master planners, by conserving and preserving campuses to provide a sense of historic continuity, is of vital interest to historians, architects and both practicing and future facility planners everywhere, she noted.

"We brought in people who have an impact on campuses, to raise the consciousness about the techniques and responsibilities of preservation, as well

Several music faculty performed in a Faculty Russian Musicale recently, featuring the music of Russian composers. They were **Susan Schoenfeld**, viola; **Margaret Redcay**, flute; **Sue Arnold**, mezzo-soprano; **Robert Walzel**, clarinet; and **Richard Meek**, bassoon. **Jennifer Garrett** accompanied with the piano. . . More than \$100,000 is made annually for Texas Tech through one of the University's commercial properties, the Pyramid Plaza, according to **Larry Tanner**, director of facility planning and construction. The Pyramid building was donated to Texas Tech in 1989 by Texas billionaire H. Ross Perot. . . The College of Engineering received funds from the **ARCO Oil and Gas Co.** in Dallas and **ARCO Alaska Inc.** in Anchorage. The departments of petroleum, mechanical and chemical engineering benefited from the donation of general support and scholarship funds. . . **Dr. Roland Menzel**, professor and director of forensic studies at Tech, has received for Texas Tech funds from the National Institute of Justice for more than \$17,000 for fingerprinting research. Several colleges and departments will utilize the research funds. Among them are **Dr. Richard Bartsch**, Horn professor of chemistry and biochemistry, and **Dr. Sunandra Mitra**, associate professor of electrical engineering. . . The **art department**, the **School of Mass Communication** and the **Lubbock Fine Arts Center** hosted the 1990 South Central Regional conference of the Society for Photographic Education. The theme was "created histories." The conference featured exhibits and lectures on topics from fine art photography to scientific documentation. . . College rodeo returned to Lubbock in October, and if things go well, the city could end up hosting the national finals for collegiate rodeo in 1992. The 41st annual **Texas Tech Intercollegiate Rodeo** is sanctioned by the NIRA and is offered as a fund-raiser for the rodeo association. All monies go for scholarships. . . Assistant Dean of Students **Phillip D. Birdine** received an appreciation award from Omega Psi Phi for his devoted service to Tech's black student population including black service and professional organizations. . . **Dr. Brenda Lewis Cleary** has been named associate dean for the HSC School of Nursing in the Permian Basin. The Odessa campus accepts applications from registered nurses seeking a baccalaureate degree in nursing. . .

Students raising funds to save the Dairy Barn

BY KIPPRA D. HOPPER

The Dairy Barn and its adjacent silo on the Texas Tech campus have survived a fire, a lightning strike, a severe wind storm, a "condemned" designation and general neglect.

Believing their heritage is worth saving, some current Texas Tech University students are initiating a fund-raising campaign to preserve the historic buildings, saving the structures from further deterioration caused by weather and time.

The Student Association's Texas Tech Heritage Committee and other students are spearheading a \$60,000 fund-raising campaign to preserve the exterior of the structure, according to Grady Whitaker Jr., a senior architecture/design specialization major from Belton.

Whitaker, an ex-student senator, co-chairs the committee with current student senator Jay Biediger, a senior wild-life management major and Saddle Tramp member from Uvalde.

"The fund-raising project is unique because it's a student-initiated project," Whitaker said. "Twenty-five thousand Texas Tech students are pulling together to save their heritage."

The University's Space Planning Committee on Sept. 20, 1990, approved a plan for preserving the exterior of the Dairy Barn. For now, the structure will be weatherized and will be used as a dry storage area.

Weatherization will entail completely rebuilding a new roof, repairing all windows and doors and repairing any faults in the walls. Additionally, both structures will be repainted. The preservation work will require \$50,000-\$60,000, of which one-half consists of labor costs.

The rebuilding of the new roof on the barn and silo will involve replacing the decking and some structural members, or rafters. Because the pitch of the roof is so steep, work crews from off-campus will have to construct scaffolding to complete the task, he said.

The Student Association committee plans to target its fund-raising efforts at currently enrolled students, alumni and related businesses. The committee also will seek donations of materials and labor from local construction and building supply operations.

The barn and silo will become official historic sites for Texas Tech, Whitaker said, although the University has applied to the Texas Historic Commission to



The Dairy Barn and Silo

give the structures state historic site designations.

During the spring semester 1990, students from architecture Professor John White's restoration and conservation class documented the Dairy Barn and its adjacent 60-foot tall silo, structures that reveal the University's agricultural heritage.

"The Dairy Barn was a state-of-the-art facility when it was built. The building remains a symbol of the pioneering spirit of the area," Whitaker said.

One of the original buildings on the Texas Tech campus in 1925, the Dairy Barn and silo were designed by William Ward Watkin of Houston, in conjunction with Wyatt Hedrick of the architectural firm Sanguinet, Staats and Hedrick of Fort Worth. At that time, Hedrick oversaw all construction projects for the new Texas Technological College.

Used as an incentive by the college to attract agricultural students, the Dairy Barn originally had the capacity for the care, feeding and milking of 40 cows. Initially, in the summer of 1926, six students organized a Student Dairy and furnished milk to Texas Tech and private customers. Then, delivery was made by horse-drawn wagons, but by 1930, a pick-up truck was used to deliver both milk and ice cream to the cafeteria and to the home economics food labs.

During the time the dairy producing

plant was open, from 1926-39, numerous students helped to pay their college expenses by bringing their cows to college and working at the dairy facility.

"If the Dairy Barn is to be restored, the student body will have to be responsible for the preservation of Texas Tech's history, and, in fact, become part of that history. We owe it to ourselves, to those who came before us and to those still to come to preserve our history so that everyone will know of Texas Tech University, where it came from and where it is going in the future," Whitaker said.

Donations can be sent to: Texas Tech University Foundation, Save the Barn Campaign, P.O. Box 4140, Lubbock, TX 79409-2091.

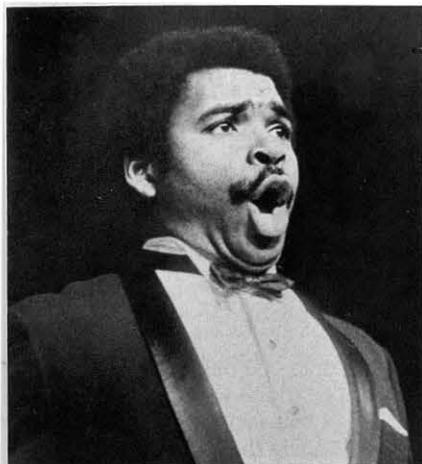
Prints Available

Virginia Thompson of the College of Architecture faculty has provided 100 of her signed and numbered pen and ink renderings of the Dairy Barn and silo. Available for purchase at \$20 each, the prints are from a limited edition of 200. Proceeds from sales will go toward the preservation of the Dairy Barn and silo. Send \$20 per print to Professor Virginia Thompson, Texas Tech College of Architecture, Box 4140, Lubbock, TX 79409 and request the Dairy Barn and silo print.

as to involve members of the general public who share a concern for the preservation of our heritage," Loudon said.

ARTS & SCIENCES

It will be a gala week in February, when the Arts & Sciences Showcase '91 is under way. The event is planned to focus on the outstanding people and talents of the alumni, faculty and students of the 25 departments and two schools of the College of Arts & Sciences.



Terry Cook

One special alumnus is opera singer Terry Cook, who will be featured with the Lubbock Symphony Orchestra in a performance at the Lubbock Civic Center Theatre at 8:15 p.m. Friday.

Following the concert, a reception will be held in the Peter Hurd rotunda of Holden Hall on campus, hosted by Carol Swain, Paula Brashear, Dr. J.R. Goodin and others. Special guests will be Cook and Professor Gene Hemmle with members of the Tech choir which sang at the Nov. 18, 1954, dedication of the Peter Hurd mural.

LSO tickets are available through Select-A-Seat, 1-800-735-1288, at \$17.25, \$15.25 and \$11.25 each.

Other activities planned for Showcase '91 include the opening event at 1:30 p.m. Feb. 17, a Faculty and Alumni Sunday at the Texas Tech Library.

Dean Joe Goodin will present opening remarks and a state of the college address at 2 p.m., and throughout the afternoon, exhibits, collections and demonstrations will be offered for alumni and visitors.

Guests will also have an opportunity during the open house to greet faculty and view hundreds of their publications. Displays will be provided by Jane Gilmore Rushing, Grover Murray, Preston Smith, Gene Hemmle, W. Curry Holden, Lawrence Graves, Winifred Vigness and various Horn professors and emeritus faculty.

Dr. Dale Cluff, director of the Library, and Dr. David Murrah, director of the Southwest Collection, are organizing the Library display.

Other events include an A&S Scholar/Donor Recognition Banquet on Feb. 21 with guest speaker President Robert Lawless; and the Distinguished Alumni Awards Presentation Brunch Saturday at the Lubbock Plaza.

Alumni are encouraged to take part early in a selection of what is being called the Twelve Golden A&S Professors of All Time. Send your written nomination of the best Texas Tech teacher(s) of all time to Mrs. Paula Brashear, College of Arts & Sciences, Box 4379, Lubbock, TX 79409-1034.

Music faculty member **Dr. Donald R. Tanner** has received

a grant from the Initial Teaching Alphabet (ITA) Foundation of Roslyn Heights, N.Y., to continue his studies of teaching children how to read by using music.

The initial teaching alphabet provides a logical and reliable medium for reading and writing the 44 sounds of English, according to Tanner. The traditional alphabet has only 26 letters to represent the printed versions of the 44 sounds of the English language. ITA offers the reader symbols with an almost perfect one-to-one correspondence between sound and symbol, he said.

"By learning the 44 symbols and their respective sounds a student can quickly and reliably unlock or decode and recognize the symbols which the sounds represent. Children in the early elementary grades have vocabularies of thousands of words and use these words fluently. ITA is a way of allowing the child to read and write the words of the spoken vocabulary," he said.

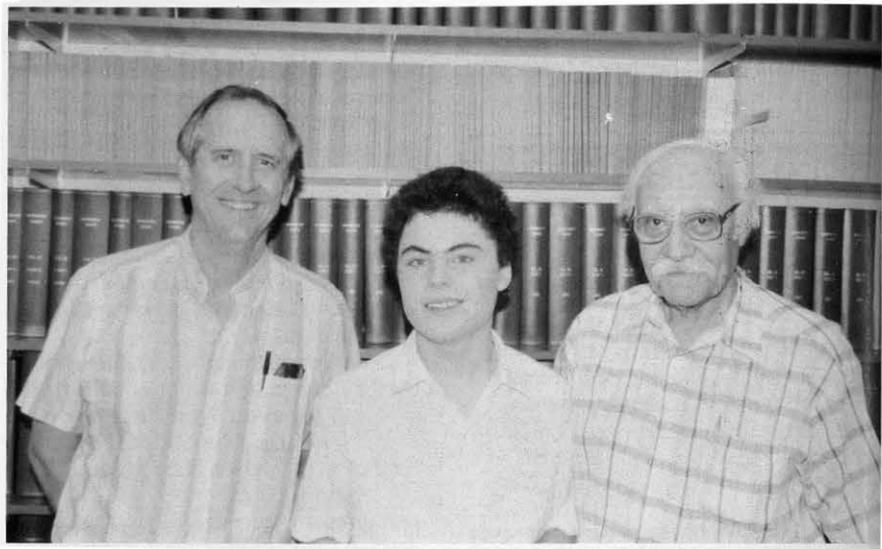
Because songs are an important part of the child's early learning, Tanner said he uses songs that are familiar to the child to develop word-identification skills, structural analysis and contextual analysis.

"Song lyrics will be used, for example, to assist in developing language and reading readiness skills," he said.

Eugene Meyer Phillips, chairman of the board and president of First National Bank of Panhandle, was given the Distinguished Banking Service Award Nov. 30 during the 18th annual Bankers Agricultural Credit Conference in Lubbock. The award is given by Tech's agricultural economics department and the Texas Bankers Association. . . **Rosalyn Johnson**, a master's degree student in business administration from Abilene, was named a 1990 recipient of the Texas Business Hall of Fame award. She was among 11 recipients chosen from 77 finalists across the state. . . The non-renewal of the employment contract of theater arts assistant professor **Dr. Mary Anne Mitchell** was upheld unanimously last fall by Texas Tech's board of regents. The regents agreed to accept the faculty hearing committee's unanimous findings that Mitchell was not denied academic freedom and the right to due process. . . The College of Engineering received an unrestricted grant from **Hoechst Celanese Corp.** in Pampa, with the major support benefitting the department of chemical engineering. . . Home economics graduate student **Connie Kuratko** was one of six recipients nationwide for a \$10,000 Kraft General Foods Foundation Fellowship. She is conducting research on dietary fat and its affect on the colon in the department of food and nutrition. . . **Dr. Sheryl H. Boyd**, assistant chairman for development, department of internal medicine in Tech's HSC, was installed as president-elect of the Texas Rural Health Association for 1991. . . The School of Mass Communications was awarded a \$25,000 endowment from alumnus **C.R. Hutcheson '48** to provide scholarships to students seeking careers in journalism. . . Former Tech administrator and teacher **David Northington** was keynote speaker for Tech's Charles Weddle Wildflower Distinguished Lecturer Symposium in October. Northington is executive director of the National Wildflower Research Center in Austin. . . **Alison Jagger**, author of "Feminist Politics and Human Nature," discussed feminist ethics, projects, problems and prospects during a lecture series last fall sponsored by the Philosophy Club and the Women's Studies Council. . . **The School of Law** held a Parents Day in October, where parents of 210 first-year law students had the opportunity to experience rapid-fire classroom questioning first hand. . .

Atlas Wireline Services, a division of Western Atlas International of Houston, recently presented its \$70,500 well-data software system to the departments of geosciences and petroleum engineering. Tech is the second university in the U.S. and one of only eight schools worldwide to have the system used for classroom instruction . . . Sleep researcher **Dr. John Orem** of Tech's HSC and five other biomedical researchers were in Washington, D.C., recently telling how animal rights activists have disrupted the researcher's work. They spoke in a news conference sponsored by the American Medical Association designed as a response to protests, thefts, vandalism and physical intimidation by the nation's animal rights organizations. . .

Dr. David B. Gracy II, professor of archival enterprise at UT, was the keynote speaker for the Friends of the Texas Tech Library/Southwest Collection banquet recently. He discussed the preservation of archival materials. Among the new board members elected was **Dr. Kenneth W. Davis**, professor of English at Tech . . . Student Health Services of Texas Tech has appointed **Dr. Cheryl Tyler** as its new interim director. She has been a staff physician at Student Health Services since the fall of 1989 . . . Former Tech President **Grover E. Murray** has been named 1990 recipient of the Ben H. Parker Memorial Medal by the American Institute of Professional Geologists. The award is the institute's highest tribute. . . A U.S. Senate subcommittee has appropriated additional funding for the HSC's MEDNET program. The telecommunications network enables exchanges of information between urban and rural doctors via satellite transmissions . . . Agricultural bankruptcy was discussed during the sixth annual Farm, Ranch and Agri-Business Bankruptcy Institute in Lubbock last fall. The meeting was sponsored in part by Tech's School of Law. . . Tech composer **Dr. Mary Jeanne van Apple-dorn** received her 11th consecutive ASCAP award, granted on the basis of each composer's catalog of original works and of recent presentations of those works through live performances, recordings, publications and radio or television broadcasts. . . **Elizabeth Orem** assumed the position of director of development for the College of Engineering last fall. She had previously served as associate director at New Mexico Highlands University in Las Vegas. . .



Math Professor Dr. Dalton Tarwater (left) and Professor Ali Reza Amir-Moez congratulate Mikhail Shubov upon receiving the Amir-Moez Undergraduate Research Award.

Mikhail Shubov, a 10th grade student at Lubbock High School,

is the 1990 recipient of the Amir-Moez Undergraduate Research Award in Mathematics. The award was established by former math professor Amir-Moez through an endowment with the Ex-Students Association.

To qualify for the award, an undergraduate mathematics student must publish a research article.

Shubov's paper, "Models of Two-Space" appeared in the *Journal of Undergraduate Mathematics*, Vol. 22, No. 2, 1990, and is eight pages in length. It studies a set of models which satisfy the five axioms of a Euclidean plane as well as the order axioms of David Hilbert (1862-1943).

Shubov was born in 1976 in Lenin-grad, U.S.S.R., and has consistently shown a talent for mathematical ability. His parents, Drs. Victor and Marianna Shubov, moved to Lubbock in 1989, where they are members of the mathematics department faculty.

Amir-Moez retired in 1988. Anyone wanting to contribute to the Amir-Moez endowment fund for mathematics may do so through the Ex-Students Association, P.O. Box 4009, Lubbock, TX 79409.

Bats are the victims of bad press. At least that's

what Dr. Robert Baker, Horn professor of biological sciences and director of the Natural Science Research Laboratory, contends.

Bats are depicted as villainous, sinister creatures whose main purpose is to terrorize people and tangle their hair.

"As scientists, talking about bats brings a feeling of happiness," Baker said. "We feel this way because we know the special role bats play in the ecosystem."

More than 900 different species of bats can be found worldwide. Some 30 species of bats can be found in Texas, he said, adding that most bats are insectivorous — they depend on insects for food. And, some bats thrive on fish, fruit and nectar.

Three of the 900 species are sanguivorous — they feed on animal tissue, meaning blood. Because of these bats, all bats often are labeled as "bloodsuckers."

"Bats are often misunderstood because they don't look like soft, cuddly things," Baker said. "People will often throw things at bats just to watch the bats try to catch the objects."

This phenomenon is related to the bats' sophisticated sonar system. The public perceives that bats are blind and are dependent on sonar to track their prey. This is not true, Baker said. Bats can see. The sonar simply aids the bats in catching insects.

Bats usually can be found hanging upside down in caves or trees, which stands to reason, Baker said, because cave floors are often wet and cold and the bats choose to hang from the ceiling so they can sleep undisturbed.

No one who ever encounters a bat on the ground should try to pick up or handle the animal, he warned.

Public speaking — more feared than snakes!

Picture yourself in this scene. You feel ill. Your stomach is churning, your palms are sweaty, your mouth is dry, and you are shaking all over. No, this is not a virus or even a rare disease. These are symptoms that affect many people when they are faced with making a speech.

Lisa Hischke, a speech communications graduate student, lists these and others as common symptoms of nervousness that affect public speakers. While working toward her master's degree, Hischke also teaches business and professional speaking.

Hischke says many people fear public speaking because they think they will be criticized or judged. Potential speakers are also afraid that their audience will laugh at them if a mistake is made in the presentation. In a recent study, when 3,000 people were asked, "What are you afraid of most?", the number-one answer was "public speaking." It even beat out snakes and death!

The key to dealing with this fear and nervousness, Hischke says, is to learn to channel it in the right direction. It is necessary to be a little apprehensive in order to give a successful presentation. Speakers should use their excess energy to get "revved up" and "psyched out."

Some ways to channel this extra ener-

gy are: pacing, reading or talking out loud, deep breathing techniques, doodling on paper, or even singing. Visualizing the audience in a comical situation may also help relax the speaker.

In order to become a better speaker, Hischke says the first thing to do is research the topic and be prepared. This will also help eliminate a lot of nervousness.

The next step to take is to practice. She recommends three times, but no more than six. While practicing, Hischke says it is important not to try and memorize the speech. Practice run-throughs should be like a dress rehearsal, including mistakes and stumbles. This actually helps the speaker give a smoother delivery.

Immediately before the presentation, concentrate on what the speech is about, not how it is going to be said. Hischke says the speech should be conversational and reflect the speaker's personality. The forum should be like a living room — very relaxed.

She also says it is important to get the audience involved. This not only gains their attention, but it also helps relax the speaker.

Some other tips Hischke gives are to always use original notes when speaking — unfamiliar notes may cause mistakes;

remember that the audience wants to see the speaker succeed; talk with the listeners, not to them.

Even after careful planning and preparation, some people are still unable to conquer the fear of public speaking. A disability called Communication Apprehension (C.A.) is now being identified in some people. C.A. exists when the fear and anxiety of communicating, publicly or one-on-one, cause physical illness.

The disability is situational and differs with each case. Texas Tech students are now given a questionnaire during freshman orientation in order to detect C.A.

Hischke and other instructors are working with students who have C.A. to help them overcome it. Relaxation exercises and confidence building are techniques used in the treatment of C.A. Many famous people are now known to have C.A. For example, Johnny Carson suffers from it before his monologue.

It is important to improve your public speaking skills, according to Hischke, because "people perceive you on how you present yourself."

Job interviews, promotions, and sales presentations all depend on public speaking, so these communication skills are vital for success in today's competitive world. (By Kaija Watson)

Every student has experienced a snore-inducing lecture

from a professor who doesn't seem to notice that there is a class, much less if the class is listening.

But occasionally, there comes a professor determined to be interesting even if it means being humorous. One of these teachers is Dr. Paul Knipping, associate professor of health, physical education and recreation.

"I use a lot of humor in my classes, and I'm a real believer in this late bloomer thing, probably because I haven't bloomed yet," he said. "Extending myself toward people is what I think I do."

His philosophy of life is to live it, because life's so short. He is an avid believer that the mind controls the body, even in illness. He is an expert on the subject, because he has conquered leukemia, a normally fatal disease, without treatment.

"When I first found out, I was really

upset. I went through the stages of grief, mourning and anger in about two weeks," Knipping said. "Now I am a great believer in rational self thinking. It teaches you that you control your feelings, you have absolute control over the way you feel. I think that helped me get over it."

Having fully recovered, Knipping now devotes much of his time to helping others, primarily senior citizens, make the most out of life. He hosts "Lubbock Senior Lifestyles" on KLBK-TV, Channel 13, and soon he will be an editor of *The Senior Beacon*.

"I try to encourage them to stay active," Knipping said. "You've got to have something to do. You can't just sit around and play dominoes all day."

If being diverse makes for a young-at-heart attitude, Knipping is still a minor. Until last year, this senior citizen rode a 1350cc Wide-Glide Harley. He has made his living as a Navy hospital corpsman, a Marine Corps Corsair pilot, a mortician, a writer, a professor and more. Most any word but "boring" would be a correct adjective to describe him.

The issue of using paper instead of plastic because

plastic is harmful to the environment takes a new turn as chemistry professors note the harmful effects of paper consumption.

If everyone changed back entirely to paper packaging, the world's trash would weigh 55 billion pounds more per year and an additional 82 billion pounds of paper would be needed, said Dr. James E. Guillet, a chemistry professor at the University of Toronto.

Guillet said producing this much added paper would mean devoting 162 million acres (an area six times the state of Tennessee) of forest to paper production.

Dr. R.E. Wilde, a Texas Tech chemistry professor, said encouraging the use of paper over plastic is not the solution it was once thought to be.

"If you encourage the use of paper over plastic, you are not doing the world any good. There is a controversy about using paper instead of Styrofoam,

High school counselors and teachers of math and science learned about career opportunities in engineering through a new program in the department of industrial engineering. The "Visitor's Program" began Oct. 26 and organizers hope to make it a biannual event scheduled during the fall and spring to coincide with Industrial Engineering Advisory Board meetings. . . . **Dr. Jerry Mason**, a new faculty member in the family financial planning program in the College of Home Economics, spoke to a meeting of the West Texas Chapter of the International Association for Financial Planning on "The Future of Financial Planning" . . . **PeeWee Roberson** and other employees of the department of recreational sports donated one hour's pay each to defray the cost of planting two mature 6 to 10-foot trees near the Student Recreation Center and intramural fields. . . Officers and representatives of the **Houston Livestock Show and Rodeo Association** were honored Nov. 7 by the College of Agricultural Sciences with a scholarship recognition luncheon. The HLSRA is the largest show of its kind, and it sponsors the largest scholarship program in the nation for ag students . . . Several of the nation's most prominent surgeons attended a black tie dinner Nov. 16 to kick off a \$1 million endowment campaign in the name of **Dr. Peter Corte Canizaro**, the late chairman of surgery at the Health Sciences Center. Canizaro headed the department from 1982 until his death Sept. 3 and in that time established a nationally recognized surgery program for medical students and residents. . . . The **General Motors Corp.** of Detroit donated a pickup truck to a student engineering team for a project that focuses on reducing the nation's dependence on foreign oil and utilizing the natural gas reserves in Texas. The vehicle will be converted by the engineering students to operate on natural gas fuel . . . **Professor Wayne Lewis** of the department of mathematics recently returned from Japan, where he attended the International Congress of Mathematicians in Kyoto. He also gave an invited talk on dynamics of continua at Kagawa University on Shikoku Island and an invited address on problems on hereditarily indecomposable continua at the University of Tsukuba. In December, he visited Taiwan, where he presented lectures at various universities and research institutes.

but there are also problems involved with exclusive paper use because you are destroying trees — and paper does not necessarily break down that easily," he said.

"There are two sides to this issue, and it is not clear which direction we should go."

BUSINESS ADMINISTRATION

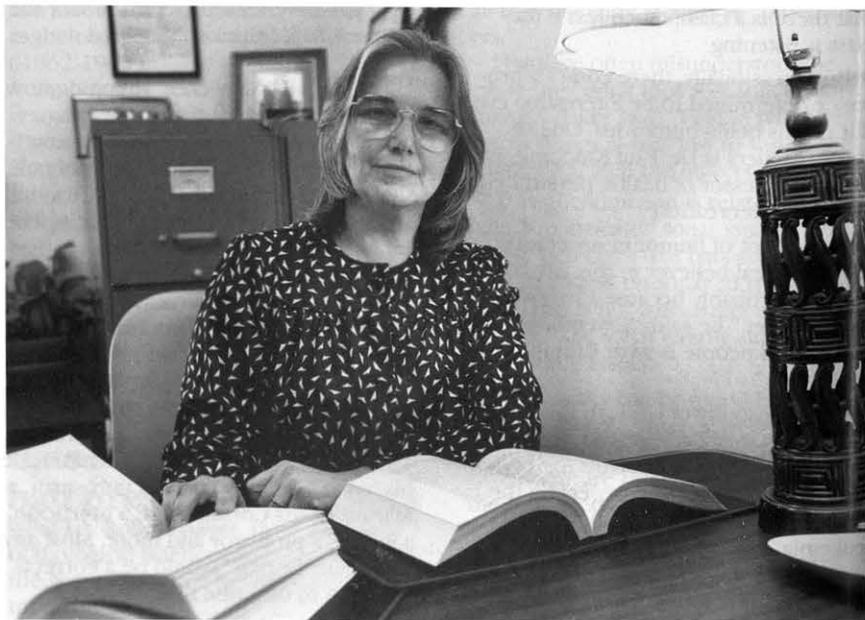
Dr. Kathleen Hennessey, associate professor

of management information systems, and director of the Institute for Studies in Organizational Automation, was one of three United States representatives selected to attend an international information systems symposium Nov. 14-15 in Paris, France.

Hennessey and two representatives from IBM Corp. comprised the U.S. delegation at the First International Symposium on Office Document Architecture sponsored by France Telecom, the French Standards Institute and the French Computer Savant Society.

The symposium included discussions about the use of office document architecture systems and their impact on office systems and personnel. ODA, a standard format for document representation in different computer programs, was adopted in 1988 by the International Standards Organization.

Kathleen Hennessey



Hennessey, who is also director of the college's Institute of Studies in Organizational Automation, was selected to attend the conference after being nominated by both Boeing Co. and Xerox Corp.

The Texas Tech Advisory Council on Taxation was

recently formed to serve as a liaison between the college's tax faculty and tax program alumni, students and professionals in the field of taxation.

The eight-member council consists of tax professionals from across the state who are also alumni of the Texas Tech tax program. Goals of the council, according to Dr. Gary White, chairman of the area of accounting, include advising faculty members on tax curriculum issues and the research skills tax graduates will need in their careers.

The council also plans to assist the University in recruiting students for the tax program and assist firms in recruiting tax graduates. The council hopes its efforts will result in better communication between tax industry employers and the faculty.

Other goals include promotion of Tech's 150-hour, five-year program in taxation and the Master of Science in Taxation Program. The council will also work with tax program alumni to coordinate the bi-annual tax alumni reunion.

Members of the council are recommended by partners of their respective firms. They are Mary Skoog Findley, Baylor Health Care Systems, Dallas; Kathy

Warren, Ernst & Young, Dallas; John Seright, Coopers & Lybrand, Lubbock; Ken Schlaudt, Professional Datasolutions Inc., San Antonio; Richard Rogers, Price Waterhouse, Dallas; Carriel Nipp, DeLoitte & Touche, Fort Worth; Allen Horak, Arthur Andersen & Co., Dallas; and Brenda Ireland, KPMG Peat Marwick, Dallas.

EDUCATION

Most urban school districts are able to pay higher salaries than rural districts. As a result, many of today's brightest young

teachers are being drawn to urban districts.

Though rural districts are unable to provide as large a salary, they are able to provide some advantages that their urban counterparts cannot.

One of the greatest advantages that small schools possess is community support, according to Dr. Weldon Beckner,

Mexico Field Course has come a long way, baby

An early-model, unair-conditioned car bounces along through the dusty, sweltering 1935 summer. Sweating students take heart at only three more days of travel before they set foot in Mexico as the first U.S. participants in the Texas Tech Mexico Field Course.

BY DANA TAYLOR

In 1990, 35 years later, students contemplate the clouds from their jet windows during a two-and-a-half hour flight before they set foot in Mexico to begin their field course.

Times and travel change, but each generation of students owes thanks to Dr. Charles Qualia, the first Texas Tech Spanish department chairman. In 1935, Qualia, in cooperation with the Tech anthropology department, created the Mexico Field course to allow not only Tech students, but students from across the United States, to study Spanish at a Mexico City university.

The course has become the oldest of its kind in the nation. World War II interrupted the course, but Dr. Harvey Oberhelman, professor of romance languages, salvaged Qualia's brainchild in 1966 by re-establishing the course at the University of San Luis Potosi.

Today, Dr. Roberto Bravo, assistant professor of romance languages, directs the course. After 19 years of involvement with the course, Bravo said the Mexico Field Course tries to make students more international. Students not only study the Mexican language in a classroom setting, but come face-to-face with Mexican culture.

"The purpose is to expose students to another culture," Bravo said. "It's not only to increase proficiency in the language, but to expose students to different ideas, art, architecture, food and family relationships."

Part of this cultural exposure includes student tours throughout Mexico: the museum of the mummies in Guanajuato; the artist Diego Rivera's work in Mexico

City; the Chapultepec Castle, home of emperor Maximilian; the Ballet Folklorico de Mexico and the city of Dolores Hidalgo where the Mexican bell of independence rang out.

Such exposures, according to Bravo, help shape the minds of students destined as future leaders. Students learn that U.S. answers to world problems are not the only answers. Furthermore, this exposure serves to strengthen the relationship between the United States and Mexico, two countries he called mutually uncomfortable neighbors.

"I am happy to see students go to my old country and to see the United States open its soul to another country," said Bravo, a native of Guadalajara. "The world needs to be known. Everyone belongs to the family of man."

Students also attend five weeks of first summer session classes at the University of San Luis Potosi. A language and culture class are offered at the junior, senior and graduate levels. Each class accounts for three college credit hours. Both classes are taught by Texas Tech Spanish department faculty who travel to San Luis Potosi with students.

"It's Texas Tech in Mexico," Bravo said.

Things people may take for granted in the U.S., like menus, billboards and directions, are in Spanish. Students tend to stick together and that produces a class unity stronger than in regular college classes. They also help each other.

During the five weeks of classes, students live with Spanish host families, many of whom have hosted U.S. students for 25 consecutive summers. Bravo said students especially enjoy the family ties formed with these hosts. On occasion, students from broken homes request a heavy family-oriented host to see how the family unit functions, he added.

"The host family is the best school for the student. The student is surrounded by the culture and is forced to use the language."

Host families, aside from providing a temporary home and family, hold no other obligation to students. Students pay for all expenses. Bravo said the field course costs \$1,300 to \$1,350. This includes air fare, meals, accident insurance and all museum admittance fees. It does not cover tuition and books.

Tech offers no financial support to the course, but the Spanish department offers four \$200 scholarships based on academics, a major or minor in Spanish, a 3.0 GPA and need.

Bravo said the field course receives few negative comments. Displeasure usually arises from student's preconceived ideas or from homesickness. Students usually experience a certain amount of "culture shock," as they did in 1935.

Betty Wheeler '58, who participated in the course in 1956, said the course was culturally awakening for the sheltered West Texas child she once was. "I remember it as one of the most exciting experiences of my life and as a highlight of my college years," she said.

Wheeler recalls not only this cultural experience but also a poverty-stricken Mexico with children begging in the streets. She said that seeing the poor influenced her career choice. She traveled to Mexico a non-major and returned to major in Spanish and to become a social worker. Today she works at the YWCA.

Wheeler remembers a Mexico Field Course that began with a three-day drive to Mexico City through orange grove country, a course that cost less than \$400 and a course based in the Virreyes Hotel where the staff became a temporary family, not the Spanish host family of today.

The field course grows and changes through the years. It proves itself an experience suited to all generations. It stretches horizons and increases a proficiency in the Mexican language. And it is an experience that introduces new ideas, culture, family relationships and even builds a few careers along the way.

professor of education at Tech. The students' parents become intimately involved with the school and its activities.

"This parental involvement in school activities results in mutual expectations for student behavior," Beckner said. Because of the close tie between the community and the school, the community is more willing to lend financial support, he added.

There are, however, disadvantages associated with strong community involvement.

"Smaller communities tend to be more conservative and slow to meet the changing needs of students now and in the near future," Beckner said.

Since the school is so closely tied to the community, the community may try to dictate to the school and its faculty what beliefs and ideals to incorporate into its curriculum. The closeness of the community also provides less opportunity for the students to experience other cultures outside of the community, he said.

Reliance on the community for financial support is yet another disadvantage.

"Most small communities have only one or two major kinds of economic activity, so when economic misfortune hits one of these tax-supporting businesses, it is difficult for the rest of the community to make up for the loss of support," Beckner said.

But an advantage for small schools, he added, is the sense of communion that exists between the faculty and administrators. The administration is also more visible to students, parents and members of the community. This visibility makes it easier to gain the cooperation of the community.

Another benefit small schools are able to provide is the opportunity for more students to become involved in school activities.

"Such programs are more likely to be learning experiences for many rather than a stage for a few stellar performers," Beckner said.

Being involved in these activities makes students feel as if they are needed. As a result, according to Beckner, the feeling of alienation is lessened and the students' attitude toward school is more positive.

Perhaps the greatest disadvantage facing small schools is in the area of curriculum and instruction. Because of the limited tax base present in many small communities, there are a lack of financial resources. Without the necessary financial support, the schools are unable to offer certain courses; therefore, students have fewer courses from which to choose.

DARREL THOMAS



Weldon Beckner

Limited finances for the smaller schools hampers the ability to obtain new developments in teaching technology. "This frequently presents difficulties when transferring to another school," Beckner said. "Sometimes feelings of inferiority make it difficult for students to adjust to university life or to working in large cities."

Larger school systems with greater financial support are able to provide more course offerings and more advanced teaching technology, and thus hold a distinct advantage in that they have the resources to better prepare their students for the adjustment to university life and the work place. This is the greatest disadvantage facing small schools.

Another attraction that small schools have to offer is a slower, more relaxed lifestyle.

"The major reason many principals and teachers choose small schools is that the basic lifestyle is less hectic. A person who chooses a small school does so because of a personal preference for life in a small community versus life in a big city. (By Jeffrey Patterson)

ENGINEERING

Five department of electrical engineering graduates

were inducted into Tech's Electrical Engineering Academy Sept. 29. The academy was established in 1989 to recognize graduates who have made significant contributions to their profession and have made significant contributions in their professions and have brought credit to the department.

This year's academy inductees were

Dr. William Blackwell '49, Blacksburg, Va.; Thurman A. Bouknight Jr. '50, Greenville; Cedric W. Gragg '38, Amarillo; Bill Helton '64, Amarillo; and Dr. W.T. White '32, Walpole, N.H.

Dr. Mason Somerville, dean of the College of Engineering, presented the new academy members with a certificate during the luncheon held in their honor. J.C. Chambers, a member of the board of directors of Southwestern Public Service, presented the keynote address.

Blackwell is a professor emeritus at Virginia Polytechnic Institute. Bouknight is former vice president of E-Systems. Gragg was head of the transmission design department of Southwestern Public Service Co. Helton is president and chief operating officer of SPS Co. And White was manager of Gyroscope division, Sperry Rand Corp.

Members of the academy are selected by a seven-member committee from nominations submitted from department graduates and supporters. A maximum of five recipients are selected each year.

A student team representing Tech's American Society of Civil Engineers (ASCE) student chapter recently placed first in the second annual Steel Bridge Building Contest hosted by the University of Texas at El Paso.

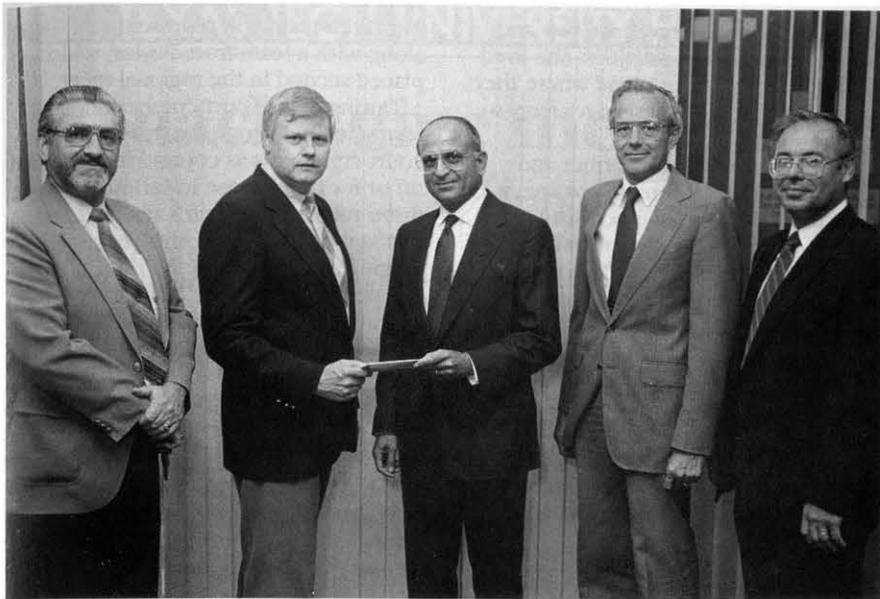
The contest challenged students with design, hands-on structural steel work and actual and simulated construction practices, said Dr. Ken Rainwater, faculty adviser and assistant professor of civil engineering at Texas Tech.

"It's still quite a challenge for students to understand the competition requirements and how to physically construct the bridge," he said.

The contest reinforces design principles learned in class because students are able to test the structure physically, proving their mathematical predictions, he added.

Judging of the bridge entries focused on fastest bridge erection, lightest bridge, best load capacity-to-weight ratio, least expensive structure and most aesthetic bridge.

Three engineering departments at Tech recently received funds from the Mobil Foundation in Fairfax, Va. Chemical, mechanical and petroleum engineering received the awards, which will be used for student development



Tech's departments of petroleum engineering, mechanical engineering and chemical engineering recently received funds from the Mobil Foundation in Fairfax, Va. At the presentation are (from left) Dr. John J. Day, chairman of petroleum engineering; Dr. James L. Smith, associate dean of engineering; A.G. Nangea, engineering technical team manager at Mobil in Midland; Dr. Ed Anderson, chairman of mechanical engineering; and Dr. Raymond E. Desrosiers, associate professor of chemical engineering.

and support and for faculty development efforts.

"Texas Tech is committed to educational excellence in all of its engineering departments," said A.G. Nangea, Mobil's engineering technical team manager in Midland.

"Mobil's investment into the institution is only a small way of repaying our debt to the University."

Since 1988, Mobil has hired 25 Tech engineering students as summer interns at its Midland office. Additionally, it has hired six of the college's graduates during 1988 and 1989. Each of the four engineering interns hired during the past summer received \$1,000 scholarships from Mobil.

HOME ECONOMICS

The elderly are the fastest growing segment of the

population in the U.S. At present, 12 percent of the total population is age 65 or older. By the year 2030, one of every five people will be 65 or older.

The pet population of the United States is soaring upward in a like man-

ner. Many of these animals are unable to find a home and must be destroyed. These unclaimed pets could be used in helping the elderly better cope with a major problem in their lives — loneliness.

Dr. Jean Scott, professor of human development and family studies, says one of the greatest benefits presented by pets to the elderly is the feeling that the person is wanted and needed.

"Everybody likes to feel wanted. The pet's dependence upon the elderly person for food, care and other needs satisfies this desire," Scott said.

Dr. Mark Kunkle, professor of psychology at Tech, explained that pets are able to satisfy many basic human needs.

"Pets become targets or receptacles for nurturing, intimacy and closeness," he said. "Elderly persons who have pets can respond to that pet with some of the same wishes, needs and interpersonal processes as they have done throughout their lives."

A question that is often asked by an elderly person who is considering pet ownership is, "Which animals make the best pets?" According to Scott, any animal can make a good pet because people can become attached to any animal.

"In cases where the person is unable to move freely, a cat may be more suitable, because cats don't need as much care. They are more independent," Scott explained.

"It may be easier for people to get closer to animals such as dogs and cats, rather than the more skittish and standoffish sorts of animals such as hamsters and birds," Kunkle added.

Animals are also beneficial to nursing home residents.

"Nursing homes tend to integrate animals into their treatment through pet therapy where animals are brought in for a time block each week for the residents to interact with. These animals do not become actual pets since they don't live in the home and the residents are not responsible for their care," Kunkle said.

"Sometimes, however, communal pets such as birds are used in nursing homes to stimulate interaction," he added.

Dawn Hernandez, activity director for Bender Terrace in Lubbock, said, "Pets are well accepted by residents of nursing homes, especially the smaller animals such as kittens, puppies and turtles."

Though pets and pet therapy are a great way to alleviate the pain of loneliness, they cannot take the place of association with other people. All people need human friendships.

"Being alone with a pet doesn't totally reduce the awareness of loneliness," Scott said. "Pets are no substitute for human companionship." (By Jeffrey Patterson)

Zane Curry is one of those teachers who has done more with his life than merely spend it in a classroom. In fact, he is using his teaching skills coupled with some mechanical ability to complete his doctoral dissertation.

His research centers on designing a special device which will allow paraplegic and other students with certain physical limitations to operate the commercial machines in Tech clothing and textiles labs.

Working with Dr. Thomas Leamon, chairman of the industrial engineering department in the College of Engineering, Curry expects to complete his degree requirements in December.

Curry has taught courses in the interior design program at Tech for three years. He earned a master's degree in the area after graduating from North Texas State with a degree in fine arts. After college, he went to work for an interior design and construction com-



Zane Curry

pany in Tahoka, where he remained for 15 years.

Among his jobs for the company, he most enjoyed drafting and space planning. Curry acted as the director and overall coordinator, supervising the actual layouts for the designs. He also did much of the work with the studio aspects of the design business.

"I encourage all of my students, whether in the introductory courses or the computer-aided design class, to seek work while they are still in school," he said. "They need to find out what their true talents really are. Even if interior design is what interests a student, there are many other different areas in that field which one should consider."

In the final stages of his Ph.D. work, Curry has had time to consider what he wants to do after December. He maintains that at this time, he could not be doing anything else that pleases him more than teaching. (By Kate Reininger)

For Margie Oliver, living in Sweden was an experience of a lifetime. Chosen as one of three students to represent Texas for the International 4-H Youth Exchange program, Oliver, as a senior in home economics education, lived in Sweden from June 1989 through December 1989.

"The educational growth and personal growth that I gained were tremendous," Oliver said.

She lived with seven families for three-

week intervals. She was treated like a family member wherever she was and participated in their activities. She lived with one family on an island where they had to take their cattle across a ferry to graze everyday.

Oliver, whose dad is a farmer and mother a nurse, grew up in Loraine, a small town outside Colorado City. Traveling to another country showed her how other people live and that people are the same everywhere.

"Accepting people for what they are is essential," she said. "Just because their lifestyle is different doesn't necessarily mean it is backwards."

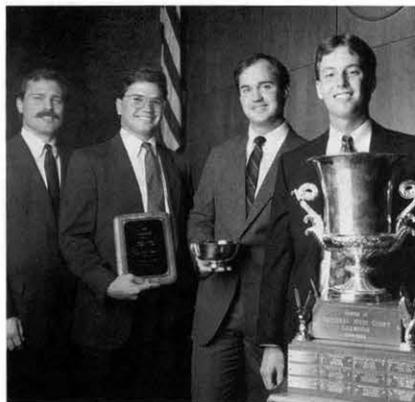
While in Sweden, Oliver not only helped with farming and child care, she also gave presentations about America. (By Angela Carrejo-McGranahan)

LAW

Tech School of Law students will be among 28 teams

competing Feb. 4-7 in the National Moot Court competition in New York City. The team qualified for the national meet after winning first place in the regional competition Nov. 7-10 in Fayetteville, Ark.

According to Lubbock attorney Don Hunt, team coach and adjunct law professor, the competition started with more than 150 teams in 14 regional competitions. The 28 teams competing in the national competition will be comprised of the top two teams from



MARK MAMAWAL

Texas Tech School of Law Moot Court students are (from left) Ken Campbell, a second-year student from Lubbock, and third-year students Brian Heinrich of Slaton, Robert Jenevein of Dallas and Lane Odom of Plainview.

each of the 14 regions in the nation. The Tech team will represent Region X along with a team from Baylor, which placed second in the regional meet.

During moot court competitions, team members compete in appellate court arguments as counsel for the plaintiff or for the defense in various competition rounds. This year's regional and national competitions involve teams in hypothetical cases and the right of police officers to require mandatory HIV/AIDS testing for a homeless person who resists arrest.

School of Law students ranked first on July

Texas Bar Examination passage rates, according to score reports released Nov. 2. Achieving a 97 percent passage rate, 120 of the 124 test-taking Tech students passed the exam.

This marks the second consecutive time that Texas Tech's passage rate has topped the seven other public and private law schools in the state. Texas Tech students scored a 94 percent passage on the February Bar Exam last year.

July exam passage rates reported by the Board of Law Examiners are (by percentages): Texas Tech 97, Baylor 95, Houston 95, South Texas School of Law 92, Texas 90, SMU 90, St. Mary's 79, and Texas Southern 57.

One Saturday morning last fall, future attor-

neys and future doctors got a preview of professional confrontations during the Malpractice Bowl, a flag football game on the Tech campus.

Law and medical students met on the recreation field at Flint and Main. Leading sideline cheers for the respective teams were Law Dean W. Frank Newton and School of Medicine Darryl M. Williams.

The event took place without the real-life debate about court docket overloads and multi-million dollar claims. The only monetary damages at stake in this malpractice match-up is the bill for referees and lunch. However the spirit of competition still prevails for the deans.

The match-up is planned to continue as an annual fall event, sponsored by the deans' offices as a stress-releaver for students preparing for final examinations in December.

By the way, the "Lawdogs" defeated the "Witch Doctors" in the Malpractice Bowl, with the med students eager to win back the trophy next year.

Quacks give medicine a bad name

BY KIM DAVIS

Since the days of the medicine man with his miracle potions and cure-all creams, quackery has been a continuous culprit of consumer confusion. Still today, there remains a fine line between fact and fiction.

And, to the average consumer, that line can be difficult to distinguish, says Kae Hentges, a health education specialist at the Texas Tech Health Sciences Center.

"There are two distinct types of medical quacks," Hentges said. "Those who honestly believe they have a cure for something, and those who are simply out to make a buck."

Probably the most cruel and dangerous areas of quackery, she said, are those that promise cures for chronic and painful diseases such as cancer and arthritis.

"Terminally ill people are willing to try just about anything," Hentges explained. "And all too often, they're ripped off because of their desperation."

But no one is immune to a myriad of other so-called cures. All you have to do is flip a channel or turn a page to find claims of cures for most of today's maladies. Claims of vanishing wrinkles overnight, ending varicose veins forever, curing headaches, and curbing appetites commonly grace the pages of many popular magazines.

Many consumers, Hentges said, are willing to believe these advertisements because of the testimonials supporting the product. Additionally, people tend to believe advertisements claiming the cure is medically developed and proven by doctors.

"Testimonials are very suspect. It's dangerous to take them at face value," she said. "Titles and degrees are also dangerous. Titles such as 'expert' and degrees such as 'doctor' have lost their meaning over the years. These names should not be

the main indicator of whether or not to believe claims of medical cures."

Seventy-five percent of all ailments get better on their own. Quacks know this, Hentges said, and they'll use it to claim their product as the sole reason for successful recovery. Additionally, many serious diseases — such as arthritis — have periods of remission when no symptoms exist. Again, Hentges explained, medical quacks will take advantage of the body's natural processes by claiming their product as the "miracle cure."

"People desperately want to believe in miracle cures," she said. "I think we all hope for a magic potion. That's only natural."

Unfortunately, she added, it's also unrealistic at this day and age. For

now, we have to depend more on medical comfort than on medical cures. Folk medicine — not to be confused with quackery — is one such area focused on medical comfort.

For example, some folk medicine remedies have been successful in soothing upset stomachs or easing headache pain. But they are not usually claimed to be a means of curing disease. Most remedies are only a means of comforting the patient until the body's natural defense system beats the invading bacteria.

Yet even in folk medicine, quackery does exist.

As times have changed, and society has become more high tech, Hentges explained, so too has medical quackery. The deceitful field has grown from yesteryear's snake oil cures to today's scientific discoveries proclaiming biological breakthroughs.

And each year, she said, millions of dollars are spent on these inappropriate remedies. Obviously, this is dangerous not only to the pocket book, but also to public health in general.

When diagnosed with a serious ailment — or any questionable illness — a second and even third opinion is important to consider. Even today, Hentges said, no physician knows everything about medicine. Consequently, consumers should aggressively ask questions about diagnoses and possible medications.

Additionally, many medical "talk shows" should be suspected of quackery. Usually, these shows are only long advertisements for medical remedies that probably aren't effective.

The best advice, she added, is to maintain a healthy skepticism. "After all, if it sounds too good to be true, it probably is." 

Quackery Quirks

Recognizing quackery can be difficult. But if you can answer yes to any of the following questions, you may be a victim of medical mischief:

- Is the product or service a "secret" remedy not available from other sources?
- Does the sponsor claim that the medical profession is trying to keep him out and does not accept his wonderful discovery?
- Is the remedy being sold door-to-door or promoted in lectures?
- Is this product being promoted in a popular magazine or by a crusading organization?
- Does the product rely heavily on testimonials by "cured" or "satisfied" users?
- Is the product or service good for many different kinds of illnesses? For example, does it claim to cure not only gout, but also rheumatism, goiter, liver dysfunction and sexual inadequacy?
- Does it seem too good to be true?

AN INVITATION TO TEXAS TECH FANS!!!

All Red Raider fans are cordially invited to a reception honoring the Texas Tech men's and women's basketball teams, given by Tech-ex Ilah Merriman, on Thursday, March 7, from 4-5:30 p.m. at the Hiltop (formerly the Hilton) Inn at the corner of Mockingbird Lane and Central Expressway in Dallas (just east of the SMU campus).

The Class of 2000 Needs You

Suppose YOU could give a deserving youngster the opportunity to see a women's championship sporting event or bring joy to a senior citizen AND receive a tax deductible contribution at the same time. In addition, you would also have your name or company name announced to more than 10,000 people. Would you be interested?

Sport and athletic competitions are very special experiences. The SWC women basketball players are exemplary role models. Share the fun and excitement with a deserving youngster or senior citizen in the Dallas area.



You or your business may purchase a tax-deductible contribution which will permit the Southwest Athletic Conference to distribute tickets to these individuals for the SWC Women's Championship Basketball Tournament games on March 6, 7, and 9.

In addition, two tournament tickets for the SWC Post-Season Basketball Classic (all women's and men's sessions) will be available to you at no extra cost.

The businesses and individuals helping with this special project will be recognized at the Women's Tournament sessions by the public address system announcer and on the electronic scoreboard. Plus, acknowledgment in the official Men's and Women's Tournament Program will reach 20,000 readers.

The SWC Women's Basketball Tournament Board urges you to be a "Special Friend to the SWC" by helping a deserving youngster or a Senior Citizen who would not otherwise be able to attend. You would also have an opportunity to invest in the future of our Class of 2000 and be unselfishly involved in helping others.

Three options, ranging in price from \$250 to \$600, are available. They include tickets to the SWC Post-Season Classic, invitations to the SWC VIP Brunch, parking passes, from 50-150 tickets to deserving youth/senior citizens plus chaperone tickets.

To obtain a Give-A-Game Ticket Order Form or an informative brochure write the Southwest Athletic Conference, P.O. Box 569420, Dallas, TX 75356-9420.

Members of the SWC Women's Basketball Tournament Board

Tracy Gwaltney Mott
Arkansas

Cynthia West-Bellet
Baylor

Sherri Rather
Houston

Ginger Twichell
Rice

Cathy Scalise
SMU

Debra Mann
Texas

Peggy Erickson
Texas A&M

Valare Blewett
TCU

Peggy Maxwell
Texas Tech

Tech's missing link

BY BRAD WALKER

Pitching has long been the one missing link for the Texas Tech baseball program, but Red Raider boss Larry Hays may have taken a big step toward solving that problem when he hired Frank Anderson last summer.

Anderson becomes the first full-time pitching coach to join a Tech staff — all previous assistants were position instructors, while a graduate coach handled the pitchers. Anderson brings a wealth of knowledge to the post, though not via traditional ways.

"I did my master's thesis in pitching mechanics because I thought it was my weakest area," he said. "Being a position player all the time, you kinda study pitchers. My knowledge of pitching (as far as coaching) basically evolved out of that."

Anderson, who earned his master's in exercise physiology at Emporia State, came to Lubbock from Howard College, where he served as pitching coach and chief recruiter for four years. His first job was in 1984 as hitting coach at Emporia State. Anderson was a junior college All-American at Mid Plains (Neb.) Community College and an All-Area player at Kearney (Neb.) State as a shortstop/outfielder.

While in Big Spring, Anderson saw 26 of his Howard recruits signed to professional baseball contracts, and the Hawks were nationally ranked each season he was there.

Between his coaching and playing experience on the JUCO level, Anderson hopes his success follows him to NCAA Division I.

"I have some pretty good friends in the JUCO ranks that are helping me out here. They know Coach Hays and they like him. We had a lot of success down there and were in the playoffs every year, so they know me."

The main difference between his jobs at Howard and Tech is in recruiting, where the NCAA and Southwest Conference academic standards are tougher. However, Anderson said he is at no disadvantage.



Frank Anderson

"It's a little different, but you've still got the same contacts and some of the guys you couldn't get in there (at Howard), you can get here because they're so good academically. It's kind of a trade-off," he said.

Recruiting as a whole is a trade-off for Anderson, who says he really enjoys the anxiety involved in trying to sign a prospect to a letter of intent.

"I really do like it," he said. "I like visiting with the parents and dealing with the kids. It's kind of a tough deal. When you get a kid, it's pretty satisfying because you've worked real hard to get him."

"It gives me a chance to travel and I like to watch the games. It's a pretty good challenge, but I've had good success everywhere I've been."

Perhaps Anderson's biggest challenge as a Red Raider will be recruiting the players he will coach — pitchers. The best young arms are often claimed by professional baseball, leaving the four-year schools a bit thin.

"Quality pitching will be the hardest thing to get at Texas Tech. If a kid was on the bubble as far as pro baseball, I could talk him into JUCO real easy. You'd be surprised how much parents push pro ball because they want to see their kid playing. They're not always looking out for the best interest of the kid."

But his task is not impossible, Anderson said.

"A lot of times a school will sell itself, especially if a kid comes from an academic background. Tech is an outstanding academic institution with real good professional schools," he said. "I never thought I would see this, but I've seen kids turn down \$200,000 to go to school. It's getting better."

While the recruiting war is getting better, the Raiders are looking to improve in the Southwest Conference. Last year's team went 31-29 and 5-16 in league play.

"I've probably got blinders on because I don't know what to think, but I know the pressure involved every weekend during the conference season. We can match up with a lot of people, position player-wise, but the pitching has got to be there," Anderson said.

And no one is working any harder, in Lubbock or on the road, to see that pitching gets there — and that the Raiders get to the post-season. **T**

Perhaps Anderson's biggest challenge as a Red Raider will be recruiting the players he will coach — pitchers. The best young arms are often claimed by professional baseball, leaving the four-year schools a bit thin.

Red Raiders to rely on 'upper half'

Tech's newcomers showed immediate promise and should stop any gaps in the Raider lineup.

BY BRAD WALKER

Coach Kathy Vick knows what she needs to get her Red Raider tennis team into a contender's position for the 1991 Southwest Conference season — half of the team.

Naturally, Vick is counting on the upper half, which in this case means juniors Karen Biggerstaff, Mallory Grantham, Samantha Isaac and Amy Ryan.

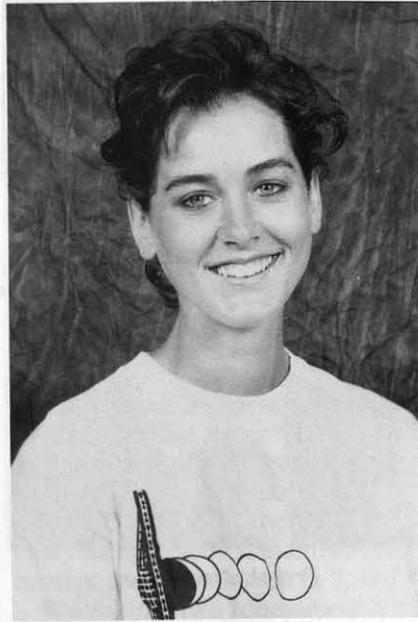
The Tech foursome saw their team suffer through a collective "sophomore slump" last spring, finishing 1-7 in league matches and missing the SWC Championship Tournament. There were individual strides taken, however, and the Raiders posted a 17-9 season record.

Vick hopes in the 1991 spring her four juniors will lead a more experienced squad through the rigorous conference schedule. If the fall was any indication, the Tech netters are headed in the right direction.

Biggerstaff won nine of her first 10 singles matches en route to a 10-5 record. The Houston Lee product took five straight wins at the Rolex/Intercollegiate Tennis Coaches Association Southwest Regional Championships to finish as consolation runner-up. Biggerstaff will likely be ranked in NCAA Region VI (Arkansas, Louisiana and Texas) after going 6-3 against regional foes in the fall.

Biggerstaff is second on the singles ladder again this year, but has already filled in at No. 1, winning one of the two matches. She was 15-11 last year at the No. 2 position and 18-6 overall.

Grantham returns to her No. 1 spot for the Raiders after overcoming an early-season injury and posting a 13-11 mark last year. Grantham, from Grand Prairie, was unable to reach top form this fall, either.



Karen Biggerstaff

Hampered by leg problems, she missed two matches and struggled against top competition to go 2-5.

Ryan is expected to play No. 4 again this spring and turned in a 7-3 fall record. Last year Ryan was a 20-match winner with 14 losses. Isaac led the team in 1989-90 with a 22-11 mark, including 17-7 at No. 6 singles. The El Paso Coronado netter was slowed by a wrist injury and was 3-3 for the fall.

Tech's newcomers showed immediate promise and should stop any

gaps in the Raider lineup. Debbie Biswell, a freshman from Plano, led a trio of rookies by going 9-5 in her first college semester. Biswell won two of three matches against SWC foes and was beaten out of the Rolex tournament by teammate Biggerstaff.

Lynne Jackson will spend her first year in Lubbock under the shadow of her brother Matt, who is nationally ranked as a member of the Tech men's squad. The Beaverton, Ore., product went 10-2 in the fall at the bottom of the singles ladder.

Sheri Gilreath of Abilene Cooper posted a 7-3 record mostly at No. 5 singles, while sophomore Robin Dawson went 6-3.

The freshman talent has already helped to shore up the Raiders' doubles play.

"Last year our weakness was in our doubles play, but now we have three teams that have shown a lot of improvement thus far," Vick said.

Vick paired Grantham and Jackson together stop the doubles ladder, and the two responded with a 7-3 record, including a win over the only SWC team they faced.

Biggerstaff and Ryan are together for the second consecutive season after going 7-3 in the 1989 fall and 8-2 this past fall. Biswell and Gilreath posted a 6-2 mark at No. 3 doubles, giving Vick a peek at a bright future.

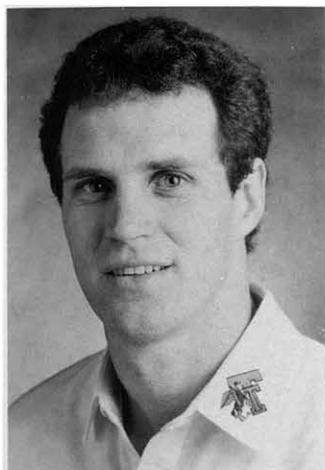
1990 Texas Tech Women's Tennis Roster

Name	Ht.	Cl-Exp.	Hometown (High School)
Biggerstaff, Karen	5-8	Jr-2L	Houston (Lee)
Biswell, Debbie	5-5	Fr-HS	Plano (High)
Dawson, Robin	5-3	So-Sq	Aurora, Colo. (Central)
Gilreath, Sheri	5-5	Fr-HS	Abilene (Cooper)
Grantham, Mallory	6-0	Jr-2L	Grand Prairie (High)
Isaac, Samantha	5-5	Jr-2L	El Paso (Eastwood)
Jackson, Lynne	5-8	Fr-HS	Portland (Beaverton Sunset)
Ryan, Amy	5-5	Jr-2L	Springtown (High)

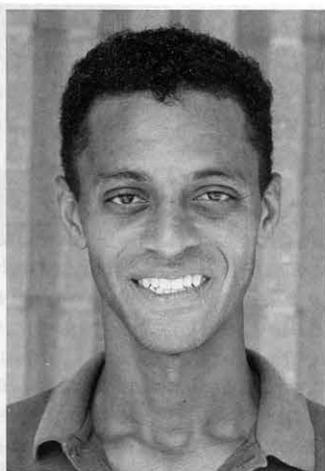
Brad Pursley and James Mays have been hired as assistants

for the Tech track program. Pursley, formerly graduate assistant coach, was hired as assistant track coach. Mays, a former Red Raider All-American, joined the track staff as a graduate assistant.

Pursley, from Merkel, has coached the Raider pole vaulters the last two years. Mays, from Hereford, coached in Stockholm, Sweden, last year.



Brad Pursley



James Mays

Pursley was an eight-time All-American at Abilene Christian and coached at Texas and SMU before coming to Tech in 1989. He coached his brother, Brit, a Tech junior, to All-America honors last season.

Mays, a three-time track All-American



DARREL THOMAS

High Flying Horse — *It was an unusual sight, to be sure, to see Tech's mascot being hoisted by a crane high over Jones Stadium early last fall. But it took the crane to lift the life-size statue through a skylight opening in the roof and set it on its base in the Athletic Department lobby. The lobby is open for visitors to view the "moment in history" statue of the University's impressive horse and rider mascot.*

during his Tech career from 1977-81, coached basketball at Lubbock High, track at Plano and track and field with a club team in Stockholm. Last spring he taught history at Dallas White High School.

"I'm very pleased to have these two young men join our staff," Tech head track coach Corky Oglesby said. "They're both bright and energetic coaches who are going to be great assets to the Texas Tech program."

The Southwest Conference men's basketball projected

order of finish, preseason first- and second-team all-conference teams, Player of the Year, Newcomer of the Year and Freshman of the Year, as selected by league head coaches follow:

1991 SWC Race

- First-place votes in parentheses
1. Arkansas (8) 81
 2. Houston (1/2) 70-1/2
 3. Texas (1/2) 65-1/2
 4. Rice 48

5. Baylor 46
6. TCU 34
7. Texas A&M 26
8. SMU 18
9. Tech 17

Pre-Season All-SWC Teams

First Team:

- Lee Mayberry, Arkansas, 6-2, Jr.
 Todd Day, Arkansas, 6-8, Jr.
 Oliver Miller, Arkansas, 6-9, Jr.
 Joey Wright, Texas, 6-2, Sr.
 Craig Upchurch, Houston, 6-8, Sr.

Second Team:

- Brent Scott, Rice, 6-9, So.
 Byron Smith, Houston, 6-3, Sr.
 Will Flemons, Tech, 6-7, So.
 Derrick Daniels, Houston, 6-3, Jr.
 Reggie Smith, TCU, 6-10, Jr.
 David Wesley, Baylor, 6-0, Jr.

Co-Players of the Year:

- Lee Mayberry, Todd Day, Arkansas

Newcomer of the Year:

- Dexter Cambridge, Texas

Freshman of the Year:

- Albert Burditt, Texas





FROM MY WINDOW

Perception vs. Reality

BY JIM DOUGLASS

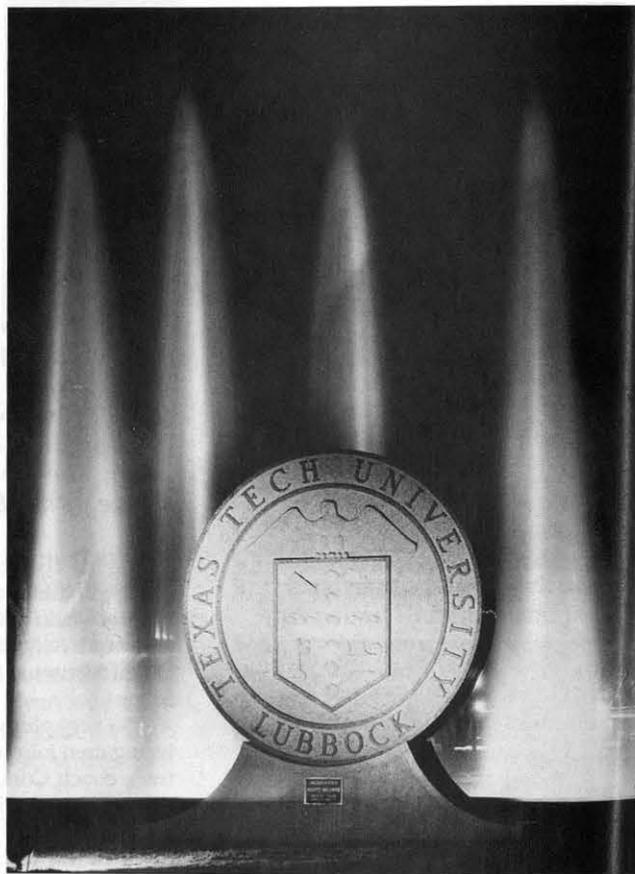
One of the best things to happen to Texas Tech in many years is the recent upgrading of the entrance requirements for admission. For many years, Texas Tech has had the reputation (deservedly so) of a school that was easy to get into and difficult to get out of. Two years ago, the Board of Regents adopted a three-year phase-in plan that, when completed, will match our entrance requirements with those of the competition.

Academically, Tech has always been able to hold its head high. Our graduates have shown themselves to be outstanding in many areas and very well prepared for their chosen careers. With an open door policy, however, Tech was perceived by many to be inferior academically even though a large percentage of freshmen were washing themselves out before they reached their sophomore year. By giving these marginal students a chance to prove themselves, we were losing the interest of many potential students who felt that Tech would always be an option — “just in case.” These academic blue-chippers would often go elsewhere under the incorrect rationale that if a school is more difficult to enter, then it must be a better school.

We were probably doing a disservice to the marginal students by admitting them in the first place. By approving their admission to Tech, we were implying that they were prepared for major college work. In reality, they were not. The bottom line is that Tech had a problem and the Board of Regents and the administration acted to correct it. They are to be commended for that.

At this point, someone usually asks about the student who did not do well on his/her entrance exams but is very dedicated and deserves a chance to prove him- or herself. Don't worry. Those students will not be deserted. They will have to enroll the previous summer session and prove themselves academically. Upon doing so, they may enroll in the fall just like anyone else.

The upgrading process will be completed by the fall of 1991. Critics were quick to point out that, sure, higher academic standards are nice but our enrollment will suffer. Well, lo and behold, the first two years of this plan saw Texas Tech enjoy record enrollments. In addition, not only were our overall numbers up, but we found that we were also attracting a better student. The SAT and ACT scores of applicants were higher than they had ever been.



Changes in policy and a strong, determined administration lead Texas Tech into the race for national recognition.

Another benefit is that, with higher admission standards, more of the freshman class will become sophomores, more sophomores will become juniors and more juniors will become seniors and graduate. With a higher graduation rate to brag about, Tech can recruit students and assure them of their chances to pursue their education on a major college level.

Tech people have always felt that Texas Tech belongs in the upper echelon of colleges and universities. By taking this bold step, the regents are acting like it. Good for them. Good for us.

Increased interest makes for longer season

BY JIM DOUGLASS

It seems that our "season" of annual chapter meetings runs longer each year. This past year saw the bulk of our chapter get-togethers stretch from early April until late September. This is a reflection of the increased chapter activity and the interest that our members are showing in Texas Tech and the Ex-Students Association.

Just when you think that our annual meetings are slowing down, it is time to start scheduling for the next round of fun and games. At this time, we are already planning for the 1991 schedule of meetings and look forward to working with our chapters in order to have the best events ever.

In this section, you will find several pictures that show the various meetings and socials held throughout the country in 1990. It is impossible to thank properly all of those volunteers who made these events so successful. You know who you are and we do thank you so very much.

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Four Distinguished Alumni for 1990

were honored Nov. 2 by Texas Tech and the Ex-Students Association. Selected for the award for significant contributions to society were civic leader J.C. Chambers of Lubbock; oil and gas industry investor James W. Lacy of Midland; Lubbock County Judge Rodrick L. Shaw; and Government Employees Life Insurance Co. (GEICO) Chairman and Chief Executive Officer William B. Snyder of Bethesda, Md.

Chambers graduated in 1954 with a bachelor's degree in marketing and has been an agent with Massachusetts Mutual Life Insurance Co. since 1957.

Lacy graduated in 1949 with a bachelor's degree in petroleum engineering. He founded Lacy & Byrd Inc. oil and gas exploration company in 1979 after serving as president of Hytech Energy Inc. and as executive vice president and director of Adobe Oil and Gas, both in Midland.

Shaw graduated magna cum laude in 1947 with a bachelor's degree in political science. He earned a law degree in 1949 from SMU, practicing law until he was elected Lubbock County judge in 1964. He retired from his post at the end of 1990.

Snyder graduated from Texas Tech in 1955 with a bachelor's degree in accounting. He began his career with Travelers Insurance Co. and was vice president of



DARREL THOMAS

1990 Distinguished Alumni (from left) James W. Lacy '49, J.C. Chambers '54, William B. Snyder '55 and Rodrick L. Shaw '47.

marketing for life, health and financial services until he became senior vice president for the Government Employees Life Insurance Co. in 1977. In 1985, he became chairman and chief executive officer of GEICO Corp., GEICO and its related insurance companies.

Nominations for the D.A. Award are submitted at-large from among faculty, staff and former students of Texas Tech. A form for 1991 Distinguished Alumni nominations is positioned on the inside back cover of this issue for your convenience.

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During the 1979-80 academic year, the Ex-Students Association began providing the University with \$12,500 a year for an endowed professorship as part of our support of the academic program. The University placed this professorship in the math department.

The money has been used to bring distinguished faculty to the campus for one-year stays and has also been used to fund a Visiting Mathematician's Program.

Currently, the money is being used in part to fund the Ex-Students Association Distinguished Professorship in Mathematics, a position held by Dr. Clyde F. Martin since Sept. 1, 1989. Martin is an internationally recognized mathematician and initially came to Tech as part

of the Ex-Students Association Distinguished Visiting Professor program.

Also hired to the faculty as a result of the program was Professor Frits Ruymgaart of The Netherlands. His first contact with Texas Tech was through the Visiting Mathematician program.

The Houston Ex-Students chapter held their "Bucks for Brains" Casino Party Oct. 19 at the Southern Plantation by the Galleria. Funds supported the group's scholarship program.

Included in the evening's fun were Las Vegas-style gambling, a silent auction, chip auction, dancing, cash bar and free hors d'oeuvres. The chapter raised \$3,500 for scholarships.

In all, 82 people attended, taking home such items as SWC basketball tickets, Cotton Bowl tickets and much, much more.

Thanks are expressed to all underwriters and volunteers for their time and effort and a special thanks to Su Pasewark, Houston chapter president, for her hard work and generosity.

Overall, a great event. Be sure to attend next year's party!

Volunteers:

Susie Buehler, Michelle Frank, James McANear, Lisa Cyrr, Ginny Stogner, Ann Seward, Mica Waggoner, Jim Lane and Su Pasewark.

Underwriters: Chris Colville, Chris D'Acosta, Ilah Merriman, Claudean Cone and Trent Campbell.

* * * * *

The most unique event of the year was undoubtedly the famous San Antonio dinner train trip to College Station in October for the Tech/A&M football game. Our special thanks go to the chairmen of the Red Raider Express — **Monty Montgomery, Tony Schaeffer and Kelly Terry.** They each

did a masterful job of putting the whole project together. National board member **Dr. Jack Henry** also deserves recognition for his support of this major event. It was a terrific trip and everyone really enjoyed being a part of it.



Rick and Nancy Price of Arlington enjoy one of the gourmet meals served aboard the Raider Express train.



Ilah Merriman of Dallas proudly stands by the Double-T pinata before boarding the dinner train to College Station.



Greg Jones (left) and Ray Moran (right) of Lubbock pose in the station before boarding the San Antonio dinner train to the A&M game.



Robert Terry (left) and Monty Montgomery, both of San Antonio, at the San Antonio station.



Peggy Morris and Mike Doherty (background) get their guns up with some brand new Red Raiders at the Comal County chapter's Freshman Send-Off in New Braunfels.



Sam and Julie Toliver, Joey Kimbrough, Tammy Decker and Randy Roewe watch the Ex-Students video report during the Rolling Plains chapter meeting.



Hale County President Joe Bob Mayo with Hale County's scholarship winner Jill Stair and chapter secretary Charlcey Dickson.



(From left) Bill Dean, Beverly and Joe Pevehouse, and Coach Spike Dykes get together during the Midland meeting.



Sandra Boedeker presents scholarship from Graham chapter to Kirk Douglas Davis at The Lakes chapter meeting. Tech Athletic Director T. Jones looks on.



Temple chapter president Janis Holmes (center) and husband, Bill, buy Tech Specialty items from Field Rep Mica Waggoner.



Fred Warren (left) visits with Pat and Sue Houston at the Portland, Ore., meeting.



(From left) Mark Whatley met Dr. and Mrs. Robert Lawless during the Tyler chapter meeting.



Virginia Campbell (left) and Patsy Middleton smile for the camera in Austin.



The Denver chapter listens attentively to Tech recruiting coordinator Doyle Parker, the featured speaker at their annual meeting.



(From left) Gary Medlin, Beth Benton, Karley Clearman and Tovi Pedersen take a break for lunch at the Fort Worth Spring Fling.



The Tulsa chapter enjoys dinner at their summer meeting.

Recognizing our new members

CENTURY CLUB

COMPILED BY GALE WELLS

NEW CENTURY CLUB

Mrs. Phylis G. Adair '45
Mr. & Mrs. Travis A. Adams '88
(Kelly McCluer '88)
Mr. David V. Alexander '85
Capt. Kevin P. Amsrud '86
Mr. & Mrs. Michael H. Atnipp '72
(Myra Dickson '72)
Mr. Jack L. Barr '81
Mrs. Janet Hertzler Basom '73
Mr. & Mrs. Ralph W. Bauer, Jr. '73
(Sandra Casey '73)
Dr. & Mrs. R. Steve Beissner '75
(Mary Shultz '75)
Mrs. Dolores Walden Bishop '48
Miss Katie A. Blackmon '85
Dr. Lynn A. Boatner '60
Mr. Curtis L. Boney '74
Mr. Billy H. Bowerman '64
Mr. George S. Bradley '81
Mr. & Mrs. Kenneth G. Brauer '87
(Andria Rogers '88)
Mr. Gerald J. Brockman '72
Mr. & Mrs. Ben H. Brown '77
(Virginia Hinton '77)
Mrs. Margaret Smith Brown '66
Mr. Alan F. Buttenhoff '83
Mr. Dirk A. Cameron '88
Mr. Bruce D. Campbell '81
Mrs. Sherry Reid Carroll '79
Mr. & Mrs. Craig L. Caudle '83
(Cindi Balch '83)
Mr. William J. Cepica '62
Mr. Terry Christopher
(Friend of Tech)
Mr. & Mrs. Jackie L. Clark '71
(Myrna Botkin '68)
Mr. & Mrs. Allan G. Clayton '53
(Nan Wiginton '55)
Mr. Brad R. Cluck '83
Mr. & Mrs. John R. Cooper '83
(Susan Joiner '77)
Mr. Barry Corbin '63
Mr. Thomas J. Corcoran
(Friend of Tech)
Mr. William T. Cowart '57
Mr. William P. Cox, Jr. '67
Mr. M. T. Cruce '49
Dr. & Mrs. Jeff H. Davis '44
(Mary Appling '43)
Mr. Joe K. Davis '84
Mr. & Mrs. George E. Dawson '60
(Karen McCollum '74)
Mr. Bill J. Deatley '83
Mr. & Mrs. Carl W. Denney '70
(Donna Cowen '73)
Dr. Clinton M. Dewolfe '47
Mr. Dan G. Dowell '89
Mr. M. Abner Euresti '74
Mr. Donald B. Francis '64

The Century Club is a division of the Texas Tech Loyalty Fund set aside for \$100 and above contributors. Membership in this group entitles the individual to privileges reserved for our special donors, such as the Century Club dinner and program at Homecoming each year.

Mr. & Mrs. J. F. Fredricksen '81
(Traci Childers '89)
Miss Denise M. Fuller '85
Mr. Ralph A. Geddie '49
Mr. John A. Gilmartin '70
Mr. Jeff A. Gloor '89
Mr. Bryan W. Graham '89
Mr. Charles S. Green '80
Mr. Mark D. Griffon '82
Mr. Charles L. Haring '72
Mr. Barry L. Hart '74
Mr. Bill F. Hart '70
Mr. Marc R. Hart '84
Mr. Fred Harwell, Jr. '59
Miss Aubrey A. Hatch '72
1LT Marion Smith Heard '87
Mr. Paul R. Herchman, Jr. '80
Mr. Jerry W. Herington '73
Mrs. Elizabeth Schmidt Hester '47
Maj./Maj. Michael K. Hicks '74
(Mary Frank '75)
Mr. Gary P. Hillis '81
Dr. Gary J. Hilton '70
Mr. & Mrs. J. Lee Hipp '80
(Melinda Morgan '79)

Mr. Ted W. Hogan, Jr. '77
Mr. Sam Hollis '49
Mr. John R. Holt '83
Mrs. Carol Bray Hores '63
Mr. & Mrs. Tye K. Horn '79
(Vickie Wilson '77)
Mr. & Mrs. Larry L. House '79
(Karen Bales '77)
Mr. Ron R. Hutchinson '81
Mr. Marty D. Irwin '84
Mr. Charles Jared '79
Mr. Ronny J. Jordan '70
Mr. & Mrs. Victor R. Jury '49
(Emogene Eudy '65)
Mr. James P. Kahn '89
Mr. Cagle K. Kendrick '63
Miss Elaine K. Kimbro
(Friend of Tech)
Mr. & Mrs. Stephen W. Kimmel '84
(Sherette Perry '84)
Mrs. Kelli McDonald Kurz '77
Mr. Garry P. Lake '74
Mr. & Mrs. Bryan R. Lambert '85
(Patricia Johns '85)
Mr. Fleet L. Lassetter '89
Mr. & Mrs. Cuyler C. Lawrence '72
(Carolyn Hall '72)
Mr. Paul K. Lefforge '29
Mr. & Mrs. Michael E. Little '78
(Melanie Constantine '79)
Mrs. Robin Sanders Long '80
Mr. Joe V. Lust '71
Mr. Dusty McCord
(Friend of Tech)
Mr. Robert C. McCracken '88
Mr. & Mrs. Joe C. McKinney '65
(Mary Pierce '65)
Mr. Joe M. McMahan '64
Mr. & Mrs. James T. McMenamy '40
(Alice Hamilton '40)
Mr. & Mrs. Don C. McNicol '53
(Beth Kellison '53)



DARREL THOMAS

Abner Euresti

(continued on next page)

CENTURY CLUB

Mr. Albert R. McSpadden '88
Mrs. Betty Gordon Mackay '40
Mr. Raul Madrid '78
Mr. Lyndon Macker '66



Barry Corbin

Mr. & Mrs. Phillip L. Mahan '68
(Mary Krejci '68)
Mrs. Frances Henry Martin '56
Mrs. Jeannine Jones Martin '64
Mr. Kenneth L. Maxwell, Jr. '83
Mrs. Christina McKinney Meister '90
Mrs. Betty Savage Mills '41
Mr. & Mrs. Eddie C. Monaco '80
(Martha Engdahl '81)
Mr. Brent R. Mudie '90
Mr. Jeffrey T. Muehring
(Friend of Tech)

Mr. & Mrs. Duane M. Norman '49
(Olivia Bond '44)
Mr. Mark S. Nowell '88
Mr. Bruce M. Odom '86
Mr. Steven T. Ostheim '79
Dr. & Mrs. Lee T. Ostrom '80
(Mark Parks '79)
Mr. D. Kelly Paige '84
Mr. & Mrs. Jim L. Parrish '60
(Meredith Brooks '59)
Dr. Florence Phillips
(Friend of Tech)
Mr. & Mrs. James B. Phillips '75
(Kyle Hewitt '76)
Mr. Phil J. Poynor '50
Mr. J. Kirk Price '81
Mr. & Mrs. Rickie L. Prichard '73
(Friend of Tech)
Mr. John L. Proffitt '78
Mr. & Mrs. Dan R. Ralston '72
(Pennye Sanders '73)
Dr. James W. Reeds '54
Mr. Nicholas I. Reiland '78
Mr. Andrew S. Reynolds '84
Mr. & Mrs. Larry G. Richardson '81
(Monica Brorman '81)
Dr. Roger A. Robbins '70
Mr. & Mrs. Doyle K. Robinson '74
(Brenda Hester '75)
Mr. Chris Rodriguez
(Friend of Tech)
Dr. & Mrs. Joseph R. Rosiles '75
(Paula Woodrum '75)
Miss Yvonne Salcido '82
Mr. Brad L. Sandefur '89
Mr. & Mrs. David J. Schmidly '66
(Janet Knox '66)
Mr. & Mrs. Bob G. Schmidt '52
(Juanita Davis '53)

Mr. David B. Scrivener '86
Mr. Chadd Schroeber
(Friend of Tech)
Mr. William E. Seals '77
Mr. E. Michael Sheehan '76
Mrs. Peggy Harmon Sheehan '73
Mr. & Mrs. Victor J. Sirgo '81
(Sharla Feagan '81)
Mr. James E. Sirhall '77
Mr. Don W. Slaughter '49
Mr. & Mrs. Robert L. Stanley '77
(Susan Andrews '77)
Dr. Sandra Casstevens Steinbach '57
Mr. Herb H. Stine '77
Miss Asima S. Syed '79
Mr. William H. Taylor '87
Mr. C. Darrel Thomas '71
Mr. David N. Tunnell '88
Mr. David M. Turner '80
Mr. George A. Turrentine '78
Miss Martha Vera
(Friend of Tech)
Mr. W. Kyle Villyard '89
Mr. & Mrs. Darrick G. Wade '87
(Kathleen Hurst '88)
Mr. Michael D. Walker '85
Mr. Charles H. Wallace '58
Mr. David F. Webber '88
Mr. Garland A. Weeks '67
Mr. & Mrs. Will J. Whitley '82
(Kristie Yates '82)
Mr. Charles L. Williamson '75
Mr. Dennis A. Wilson
(Friend of Tech)
Capt. Donald K. Wood '84
Miss S. Dawn Wright '85
Mr. Vincent E. Wright '88
Mr. & Mrs. Neal E. Young '66
(Patricia McIver '66)

NEW BRONZE CENTURY CLUB

Mr. Lawrence G. Costello '64
Mr. Bill J. Craig '77
Mrs. Ellen Fisher McLoughlin '76
Mrs. Lisa Blair Zymbaluk '87



Doug Barnhart (left), Robert Horsman and Ordis Forbess relax during the San Diego meeting.



A Chinese buffet was served to Tech-exes during the Southern California meeting.

CLASS NOTES

COMPILED BY SUSAN BOWEN



***Sides '28**



***Pickle '38**



***Wilson '41**



***Burnett '46**



***Cunningham '55**



***Smith '60**



***Fielden '65**



***Price '67**



***Vengroff '73**



***Wetherbe '74**



***Boulter '75**



***McDonnell '78**



***Adams '81**



***Smith '84**

32

J.T. Gee (BS Agricultural Economics, MS '50 Agricultural Education), Friona, is retired and enjoying life in Friona with his wife, **Lilah Rodgers Gee** (BS Home Economics Education). J.T. and Lilah have two children, Linda and Tom.

Mart Pederson (BS Agricultural Education, MS '35 Agricultural Sciences), El Paso, is a past president and former board member of the Ex-Students Association. Mart is retired and married to the former **Evelyn Gordon** (BS '33 Home Economics Education). Mart and Evelyn have three children, Gordon, Kathy and **Ken** (BA '72 Psychology).

38

***Mary Pickle Kelly** (BME Music Education), Lubbock, is a self-employed piano teacher and is married to **Wayne Kelly** (BBA '37 Accounting).

39

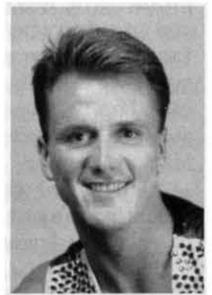
Vestel C. Askew (BS, MS '41 Animal Science), Sonora, is a former board member for the Ex-Students Association and owns Askew Ranch in Sonora.

40

Charles Feltz (BS Mechanical Engineering), Temecula, Calif., received the



***May '85**



***Grounds '88**

28

***Leola Cox Sides** (BS Home Economics Education), Odessa, had her 93rd birthday in August. This makes her the oldest living Tech grad, according to our records. (If anyone out there knows of anyone older, please let me know.)

29

W. Weldon Snodgrass (BA Business Administration, MED '49 Education), Lubbock, is retired and is married to the former **Gladys Cox** (BSE '50 Elementary Education, MED '53 Education). Weldon and Gladys have two children, **Janice Crockett '55**, and **Jerrell '59**. Janice and Jerrell both live in Lubbock, where Jerrell is assistant superintendent for secondary schools with the LISD.

Spirit of St. Louis Medal of the American Society of Mechanical Engineers in November. Charles was given the medal for "his inspiring team leadership and outstanding problem solving, as demonstrated in his contributions to X-15 and to the Apollo and Space Shuttle Orbiter Programs." Charles has been consulting on space vehicles, rocket engines, the space shuttle orbiter, the aerospace plane and space station since his retirement from Rockwell International in 1981.

41

***George C. Wilson** (BS Dairy Management), Lubbock, was honored in October as a distinguished alumnus by the College of Agricultural Sciences.

A Hemingway crony from way back

As a special agent for the FBI and as a friend to Ernest Hemingway, Bill Caldwell has led an adventure-filled life since graduating from Texas Tech in 1933.

After earning his law degree from Houston Law School, Caldwell applied to the FBI and was employed in 1941. He first met Hemingway in Havana, Cuba, in 1942 while working as a special agent.

Hemingway returned from the Spanish Civil War to live in Cuba. Franklin Delano Roosevelt knew Hemingway and requested that he help the FBI by revealing some contacts. Caldwell was assigned to work with Hemingway. Hemingway gave Caldwell names and addresses of contacts in Cuba and other Latin American countries.

"I was nervous when I first met him, not knowing what to expect," Caldwell said, "but he immediately put me at ease; it was 'Bill and Papa'; invitations to drinks at the Floridita (his favorite hangout) and to his home, La Vigia."

Caldwell said Hemingway trusted him. Hemingway told Caldwell about problems he was having with one son and an agent who released an old Esquire story for reprinting without his consent or reimbursement. He also called on Caldwell when he was awarded the Nobel Prize for "The Old Man and the Sea."

"He worried whether the person accepting the prize money for him was trustworthy. I assured him it was our



Bill Caldwell

Ambassador to Sweden John Moors Cabot. He was anxious to get the money to pay off a \$6,000 mortgage on his house in Key West which had been bugging him in spite of the millions he had made from movies and books."

Caldwell has letters, Christmas cards, gifts and autographs from Hemingway. He also has a dozen books written by friends or so-called friends who wrote about Hemingway.

"His wife (Mary) told me that I knew him better than many of those who had written books, but she hoped that I would not (write one.) I have not, although I have untold information about him not yet published by anyone," he said.

"I certainly was affected by my long friendship with Hemingway, a great writer and a man who was generous, kind and friendly. I never saw him drunk or heard him use foul language in front of a lady."

The last time Caldwell saw Hemingway was on Hemingway's birthday on July 21, 1958. Hemingway and Caldwell's wife, Jocelyn, shared the same birthday. Hemingway gave Caldwell and his wife a copy of a photo of himself inscribed "To Josh and Bill with much affection always, Papa."

The photo was taken by Karsh of Ottawa who had previously, among others, photographed Churchill and Sweitzer. The U.S. Post Office has since made a 25-cent commemorative stamp from the Karsh photograph. (By Tracy Hoffman)



Caldwell (left) and Hemingway.

George was the president of Bell Dairy for 13 years before he retired in 1981. He has been involved in many civic and community activities and is currently serving as director of the Texas Tech Foundation.

45

Hugh Rowland (BAR Architectural Design), Albuquerque, N.M., has retired after 45 years in architectural design, with 10 of those years being with Gensler Associates in Los Angeles, Calif. Gensler, one of the largest architectural firms in the U.S. and internationally known, is noted for their work in high-rise office buildings, airport terminals, and especially for their design of large, sophisticated office interiors for the Fortune 500 clientele. Hugh, who was Gensler's senior associate, developed the company's computerized specification system and authored their master specifications.

46

Earl Burnett (BS, MS '49 Agronomy), Temple, was honored in October as a distinguished alumnus by the College of Agricultural Sciences. He made significant research contributions in the study of water conservation throughout his various positions as a soil scientist for the Texas Agricultural Experiment Station and the U.S. Department of Agriculture - Agriculture Research Services. Under his leadership as director, the Grassland, Soil and Water Research Laboratory in Temple gained international recognition. Earl's research work has resulted in some 100 scientific articles, research reports and seminar and workshop presentations. Earl, who is now retired, has twice received the certificate of merit for outstanding performance with the USDA-ARS.

48

C.R. Hutcheson (BS Journalism), Lubbock, was inducted earlier this year into the Texas Tech School of Mass Communication's Hall of Fame. Just recently he presented a \$25,000 endowment to the school. The endowment will provide scholarships to students seeking careers in journalism. Choc is now retired after working as a sports columnist and reporter for the Lubbock Avalanche-Journal and as news and sports director for KCBD-TV Channel 11.

49

Dr. Lauro Cavazos (BA Zoology), Washington, D.C., former Secretary of

Education and the 10th president of Texas Tech University, was honored this fall by the Lubbock ISD when the decision was made to name a new central junior high after him. The site for Lauro F. Cavazos Junior High has not been chosen at this time.

55

Charles V. Cunningham (BS Agricultural Education), Washington, D.C., was honored in October as a distin-

guished alumnus by the College of Agricultural Sciences. Charles is leader of the fibers group of the Agricultural Stabilization and Conservation Service. He has been the recipient of numerous awards, including the U.S. Secretary of Agriculture's certificate of merit and performance awards and the ASCS administrator's award for service to agriculture. In 1989 Charles was named to Who's Who in Government Service and received the annual Cotton Achieve-

ment Award from the Cotton Growers Magazine in 1987.

56

Monty E. Davenport (BS Mechanical Engineering), Lubbock, was named associate vice president for physical plant and support services at Texas Tech. He had been associate dean of the College of Engineering. In his new capacity, he will be responsible for building maintenance, utilities and custodial services. He will also oversee personnel in landscape architecture, university police services, traffic control and parking, grounds maintenance, the central warehouse and environmental health and safety.

58

J. Dale Johnson (BSE Secondary Education, MA '76 Journalism), Richardson, was named an outstanding alumnus by the School of Mass Communications at Texas Tech. Dale is employed by Southwestern Bell Telephone as the district manager for external affairs.

60

Joseph C. Smith (BS Civil Engineering), Fort Worth, has been appointed president of R.O.S. Constructors, a new division of Rogers-O'Brien Construction Co. R.O.S. will provide Fort Worth area owners and developers with full general contracting and construction management services. Joseph has 30 years experience in the construction industry in Fort Worth and was the recipient of the distinguished service award from the Fort Worth chapter of Associated General Contractors and the 1987 S.I.R. Award as the Fort Worth AGC Construction Man of the Year.

61

Cong. Charles W. Stenholm (BS, MS '62 Agricultural Education), Arlington, Va., was presented with a resolution by the senate commending him for introducing HR 3270 "Farm Animal and Research Facilities Protection Act of 1989." The commendation echoes Stenholm's resolution that calls for federal legislative mandates to stop crimes by animal rights terrorists. The resolution to deter and penalize animal rights terrorism is still in house subcommittee pending its forwarding to a committee and then to house floor vote later this year.

64

Ken McEachern (BS Agricultural Economics), Lubbock, president of Lib-

Class of 1941 Lost List

If you have information regarding the correct address for any of the Tech-exes listed below, please contact the Ex-Students Association by March 1:

*50th Reunion Committee, c/o Mrs. Vicki Helton
P.O. Box 4009, Texas Tech University
Lubbock, TX 79409 or call (806) 742-3641*

Mr. G.V. Black
Mrs. Flada Harrell Blackwell
Mr. John W. Blocker Jr.
Mrs. Lorna Bennett Blossom
Mr. Fred D. Bradshaw
Mr. L. Dean Butler
Mr. Jamie N. Caviness
Mrs. LaNell Camp Chambers
Mr. C.W. Clark
Mr. Glynne R. Coker
Mrs. Gladys Harvel Copeland
Mrs. Geraldine Sides Cox
Mrs. Tennie Lytle Crone
Mrs. Inez Cook Cummings
Mr. Logan O. Cummings
Mrs. Ima Hyatt Echols
Mr. Gerald G. Edler
Mr. H.B. Estes Jr.
Mr. George G. Fairley
Mrs. Mary Coe Fielding
Mr. Hughes Fish
Mr. Raymond P. Flusche
Mr. Norman C. Foote
Mrs. Elva Neely Glasco
Mr. James H. Hamilton
Mrs. Jean Smith Hams
Mrs. Jane Weakley Harding
Mrs. Pauline Jones Harlan
Mrs. Irene Hughes Harris
Mrs. Irene Harrell Hogue
Mr. Robert E. Holmes
Mr. Clinton G. Hudspeth
Mr. William A. Hutcheson
Mr. Elbert W. Jackson
Mr. William B. Jackson
Mr. Lewis H. Johnson Jr.
Mr. Billy M. Keahey
Mr. B. Lee Kent
Lt. Col. Harry J. Kern

Mr. Lester LaGrange
Mr. Travis Laroe
Mr. Edward D. Manu
Miss Bonnie R. Marlar
Mrs. Martha Fugate McAllister
Mrs. Geraldine Gamblin McBride
Mrs. Mary B. McCleskey
Mr. William O. McReynolds
Mr. William S. Miller
Miss Lois Nance
Mr. John H. O'Neill
Mr. Marcus O. Owens Jr.
Mrs. Juanita Dever Parker
Mrs. Lucille Arnold Phillips
Mr. John L. Pike
Mr. Wayne J. Rash
Mr. Keith H. Rowland
Mrs. Jessie Williams Russ
Mr. Robert L. Sams
Mr. Prince A. Scott
Mrs. Rosemary P. Scott
Mrs. Lorene Green Senters
Mrs. Ethel Lawson Short
Mrs. Ione Jones Sides
Mr. Raymond J. Smith
Mr. Eddy B. Stavlo
Mr. L.M. Stevenson Jr.
Miss Frances C. Stone
Mrs. Gladys Roberson Sweatt
Mrs. Jane Hill Thaggard
Mr. James R. Thompson
Mrs. Ruby Gilbert Travis
Mrs. Fay Palmer Westmoreland
Mrs. Mary Shirey Wilkes
Mr. Roy P. Wilkes
Mr. Cephus B. Wilson
Mrs. Mattye Reid Wood
Mr. Stanley W. Young

erty State Bank, was named to the board of directors of American State Bank. American State and Liberty State are both members of the American State Bank holding company.

65

Robert A. Fielden (BAR Architectural Design), Las Vegas, Nev., president of Robert A. Fielden Inc., was elected secretary of the National Council of Architectural Registration Boards at the board's annual meeting in October. Robert will chair the council's procedures and documents committee which studies the effectiveness and use of existing council documents and interprets council standards relating to applicant qualifications.

67

Robert Banasik (MS Industrial Engineering), Columbus, Ohio, is an investor and partner in the Central America Discovery Group, a private partnership formed in 1983 to look for the sunken ship S.S. Central America. Robert was one of the individuals involved in the recovery of parts of the 3-ton gold shipment from the ship. He is currently president of Omnilife Systems, a nursing

home management company in Columbus. He had also taught at Texas Tech and has been involved in research activities related to health care delivery, production and operations management systems.

Phil Price (BBA Advertising), Lubbock, was named an outstanding alumnus by the School of Mass Communications at Texas Tech. Chairman of Phil Price Advertising, he was also honored this past spring with the 1990 Sterling Service Award by the 10th District of the American Advertising Federation and was a recipient of the Lubbock Advertising Federation's Silver Medal in 1982. His ad agency has garnered many local, regional and national creative awards in its 18 years in business, including "Best of Show" for nine years in the Lubbock Advertising Federation Addy Awards.

72

Andy Wilkinson (BA Sociology), Lubbock, has released a new recording titled "Texas When Texas Was Free." It was produced by Adobe Records in Shallowater. Andy is both singer and composer, and he is backed up on the recording by area musicians, including Lubbock's Maines Brothers.

73

Jackie Phillips Hayes (BA Physical Education), Spring, is teaching physical education for the Cypress-Fairbanks School District at Ponderosa Elementary School. She has implemented peer coaching and teaching programs, presented workshops on aerobic exercises and supervised student teachers. She is a community volunteer, working with children who have abnormal behaviors, and she presents substance abuse programs to elementary school children.

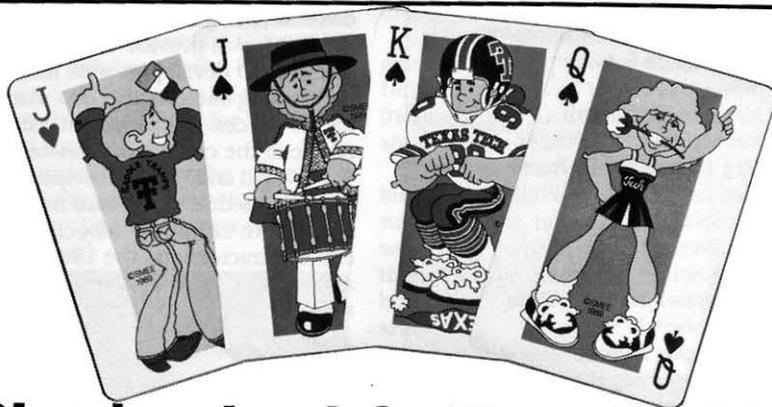
Linda Vengroff (BA Anthropology, MPA '81 Public Administration), Ypsilanti, Mich., was appointed associate director of Eastern Michigan University Health Services. She is director of a W.K. Kellogg Foundation project at Texas Tech Health Sciences Center and was named a distinguished alumna of Tech's public administration program in 1988.

74

Russell R. Blakeley (BS Electrical Engineering), Knoxville, Tenn., has been elected to Fellowship in the American College of Cardiology. Russell is in practice with the Knoxville Heart Clinic. ACC is a nonprofit professional medical society and teaching institution which is dedicated to fostering optimal cardiovascular care and disease prevention through professional education, promotion of research, and leadership in the development of standards and formulation of health care policy.

Ann Ward Rogers (BA Journalism), Austin, is vice president of public and media relations for the Texas Hospital Association. Recently, she was presented the Special Challenge Silver Touchstone Award by the American Society for Health Care Marketing and Public Relations of the American Hospital Association. The category was created this year to recognize professionals who successfully tackle a current issue of fundamental importance to the health care industry.

James C. Wetherbe (MBA Management, DBA '76 Business Administration), Wayzata, Minn., was honored as a distinguished alumnus for 1990 by the Alumni Association of New Mexico State University. James is professor and director of the management information systems research center in the Carlson School of Management at the University of Minnesota. A prolific author, researcher and speaker, he has published 12 books and 200 research and professional articles and is often quoted in business and information system publications.



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Other decks available at this time: SMU, Oklahoma, Kansas, Ole Miss, Tennessee, Alabama, Air Force Academy, Naval Academy and West Point.

75

Brian Boulter (BS Chemical Engineering), Dallas, has been promoted to vice president of Delhi, a gas pipeline corporation, and also to manager of the Ark-La-Tex region. Delhi is engaged in the gathering, transportation, marketing, processing and treating of natural gas.

76

Connie Nall Kuratko (BS, MS '87 Food & Nutrition), Lubbock, is a registered dietitian and is conducting research on dietary fat and its affect on the colon in her doctoral program in the department of food and nutrition in Texas Tech's College of Home Economics. She was one of six recipients nationwide to receive a \$10,000 Kraft General Foods Foundation Fellowship.

77

Thomas A. Eyeington (BAR Architectural Design), Herndon, Va., has been named a first associate for Pierce Architecture. Associates participate directly in the management of the firm and help establish and sustain firm policy and philosophy. Thomas has been with the firm since early 1988.

Ira Perry (BA Journalism), Indianapolis, Ind., is executive director of the Society of Professional Journalists. Perry was honored earlier this fall as an outstanding alumnus by the School of Mass Communications at Texas Tech. He is the recipient of more than 30 national, state or local awards in journalism, including the Edward Dunlop Award of Excellence for spot news reporting; the Southern Journalism Award for investigative reporting; and the Outstanding Achievement Award in public service given by the Texas UPI Editors Association. Ira is also a two-time winner of the Texas Gavel Award given by the State Bar of Texas for coverage of legal issues.

Ken Porter (BBA Marketing), Lubbock, is a professional cotton merchant and photographer and is president of the Tech Band Alumni Association.

78

Thomas T. McDonnell (BBA Finance), Lubbock, has been named president of NCNB Texas - Lubbock. He had been a senior vice president for NCNB commercial lending activities in San Antonio.

Randy A. Smith (PhD Psychology), Arkadelphia, Ark., chairman of the department of psychology at Ouachita Baptist University, is the winner of a Sears-Roebuck Foundation Teaching Excellence and Campus Leadership Award.

Randy is one of nearly 700 faculty members being recognized nationally by Sears-Roebuck for "resourcefulness and leadership" as a private educator.

Tom Woodruff (BA Political Science), Shallowater, is the owner of Adobe Records.

79

David M. Farrell (BAR Architectural Design), Dallas, is an architect with Good, Fulton & Farrell and is president of the Texas Tech Architecture Alumni Association.

Bibars Kaghdou (BS Food Technology), Haledon, N.J., is a practicing chiropractor.

81

Darrell W. Adams (BBA Finance), Lubbock, has joined The Plains National Bank as vice president and lending officer for PNB Express Bank.

Gary L. Buckley (BBA Marketing), Broken Arrow, Okla., is the national accounts and new product marketing manager for Linear Films Inc. in Tulsa. Gary and his wife, Sandra, are also announcing the arrival of their second son, Brennan, born on July 2. Their oldest son, Braxton, is now 3.

Kent Henderson (BA Journalism), Fort Worth, and his wife, Donna, announce the birth of their first child, Timothy Scott, born Aug. 7. Kent is a terminal operations agent at the DFW International Airport.

Sharon D. Livingston (BSE Elementary Education), San Diego, Calif., has accepted an independent contracting freelance court reporter position with Vail, Christians & Associates.

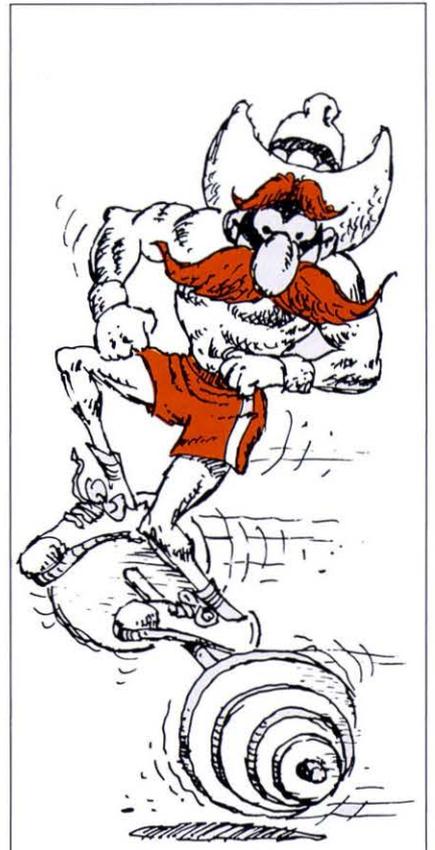
82

Steven Ellinger (BAR Architectural Design), Abilene, was selected as one of two international architects to serve as a juror for a design competition for a corporate headquarters building in Kuwait. The project was for the Persian Gulf Investment Corp. In addition to traveling to Kuwait, Steven also spent time in Frankfurt, London and Paris looking at historic architecture before returning to the U.S.

Thomas Hoover (BS Civil Engineering), Keller, was named as director of public works for the city of Keller. Tom is married to the former **Sharon McDonald** (BSE Special Education), and they have a son, Ryan, 2.

83

L. Cave Wetterau III (BS Industrial Engineering), Austin, and his wife, Karen Payne Wetterau (BBA '85 Management Information Systems), announce



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the birth of their first child, Stephen, born July 12.

84

Kevin Bales (BA Chemistry), Austin, was married to Patricia Foreman in September. Kevin is employed by Capital Cassette.

Jeanne K. LaRue (BA Spanish), Chattanooga, Tenn., was married to Lt. William H. Brady in September. Jeanne is employed by the Fairfax County Public School System.

Mark Rogers (BA Telecommunications), Bedford, and his wife, **Susan Stephenson Rogers** (BSE '85 Elementary Education) announce the birth of their first child, son Travis, born July 3.

Billy Smith (BSE Elementary Education), Bedford, is marketing manager for the National Spirit Group of Dallas. Billy, a former Tech cheerleader and Saddle Tramp, and his dance group, "Body Rock," made their television debut on Star Search on Oct. 27.

Kurt A. Sprenger (MM Music Performance), Fort Worth, joined the Texas Christian University faculty last summer as an assistant professor and director of orchestral studies. Kurt completed his doctoral degree in violin performance

during the summer at the University of Southern California.

85

Jim R. May (MA Museum Science), Amarillo, is curator of exhibits and collections for the American Quarter Horse Heritage Center and Museum. Jim is responsible for overseeing work with exhibit contractors and building a collection of artifacts for the exhibits in the new facility.

Bill Pass (General Studies), Dallas, was married in September to Paula Williams.

Timothy B. Vaughn (BS Engineering Technology), Lubbock, was married in September to Toni A. Cline. Timothy is employed by FSI International.

86

David J. Barber (BBA Finance), Dallas, was married in October to Stacey C. Sturdivant. David is employed by Park Central Bank.

Doug Davis (BBA Accounting), Lubbock, is boys' head basketball coach for the Roosevelt Eagles this year, after serving as assistant coach for the last two years.

87

Kirk Franklin (BA Advertising), Lubbock, and **Stacey Campbell** (BA '85 Political Science/Spanish) were married in August. Kirk is employed by the city of Lubbock and is working on his master's degree.

Lt. Ross W. Lovelace (BA History), San Angelo, has completed a one-year command of Company B, 344th Military Intelligence Battalion at Goodfellow AFB in San Angelo. Ross is now logistics officer for the same battalion.

Kathryn Robinson (PhD Theatre Arts), Ruston, La., is director of the School of Performing Arts at Louisiana Tech University and has been elected to the national vice chairmanship of the American College Theatre Festival. She will coordinate theatre festivals on university campuses throughout the U.S. as well as the ACTF National Festival held at the Kennedy Center each spring.

Bryan L. Shofner (Psychology), Lubbock, was married in September to Diana L. Prather. Bryan is employed by Shofner and Associates Insurance.

Karen Swalwinski (BBA Marketing), San Antonio, was named an assistant director at St. Mary's University in the undergraduate admissions office. Karen will be responsible for recruitment in San Antonio and the Dallas/Fort Worth area.

88

Scott Benedict (BA Telecommunications), Lubbock, was married in September to Judy Wooten. Scott is employed by Southwest Coca-Cola.

Michael L. Dupree (Marketing), Plano, and **Rhonda C. Oye** (BA '89 Political Science) were married in June. Rhonda is working for Campana and Associates Attorneys at Law.

Dennis Grounds (BS Physical Education), Dallas, is working as a corporate fitness manager for the Centrum Sports Club. Dennis, a former Tech cheerleader, and his dance group, "Body Rock," made their television debut on Star Search on Oct. 27.

Ens. Laura Hill-Adams (BA Philosophy), San Antonio, recently completed the Officer Indoctrination School at the Naval Education and Training Center in Newport, R.I.

Richard Kilwien (BS Physical Education), Durham, N.C., was named an assistant sports information director at Duke University this summer. He will handle the publicity and media relations for several Blue Devils sports.

2nd Lt. Salvador Limon (BA Advertising/Public Relations), Quantico, Va., has graduated from The Basic School at

1990

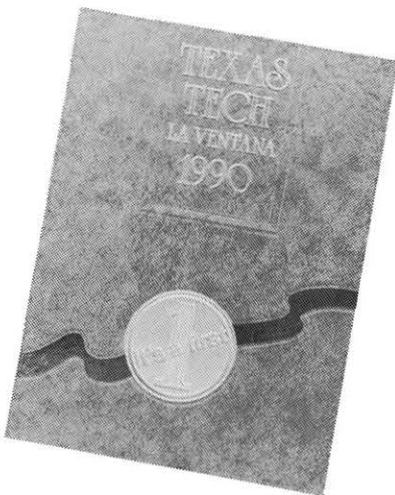
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the Marine Corps Combat Development Command. He was prepared as a newly commissioned officer for assignment to the Fleet Marine Force.

Max Payne (BS Animal Production), Pampa, was married in September to Kimberly Kiker.

Jeff Watts (BS Agricultural Economics), Fort Worth, was married in October to Anne Caldwell. Jeff is attending Southwest Theological Seminary.

89

Mark A. Bozeman (Psychology), Lubbock, and **Lisa L. Black** (Marketing) were married in September. Mark and Lisa are both employed by United Supermarkets.

Ens. Lance L. Fisher (BA English), Newport, R.I., was commissioned as an Ensign upon graduation from Officer Candidate School. The school is designed to prepare students to assume the duties of commissioned officers.

2nd Lt. David S. Gilliland (BA Telecommunications), Quantico, Va., was graduated from The Basic School at the Marine Corps Combat Development Command. He was prepared, as a newly commissioned officer, for assignment to the Fleet Marine Force.

Melissa Mallon (BS Recreation), Lubbock, and Jeff Pritchard were married in September.

Ens. Eric A. Payne (BS Mechanical Engineering), Milton, Fla., has reported for duty with Training Squadron-Two, Naval Air Station Whiting Field in Milton.

Paul B. Stonum (BS Animal Production), Columbia, Mo., was accepted to the University of Missouri-Columbia Veterinary Medicine Program.

Scott C. Watson (BA Public Relations), Lubbock, and **Anne E. Rodgers** (BA Telecommunications) were married in October. Scott and Anne are both employed by Great Commission Ministries.

James C. Watts (Management Information Systems), Lubbock, and **Laura M. Avery** (Psychology) were married in September. They are both employed by Electronic Data Systems.

90

Ens. Christopher K. Axton (BS Engineering Physics), Newport, R.I., has completed the Officer Indoctrination School at the Naval Education and Training Center. While attending the school, he was prepared as a newly commissioned officer for duty in the Naval staff field corresponding to his civilian profession.

Texas Tech an important part of Harden family

Margarette Harden '64, '67, '85 is only one member of her family who has made Texas Tech a personal alma mater. Although she is proud of her education, her son, Jim, and his family proclaim it loudly from the gate that is part of a fence which surrounds their East Texas home near Avery.

Supervisor of Area 4 Texas Animal Health Commission, Jim graduated in 1974 with a bachelor of science degree in agricultural education. He taught at Cal Farley's boys Ranch before moving east.

Among his hobbies are freeze branding, running quarter horses and thoroughbreds in the Southwest region . . . and welding.

It was that hobby that gave the Tech distinction to the family gate. The Double-T at the entrance to their home is welded of 1/4-inch plate steel. It is an appropriate "greeting," considering that all the family has a strong loyalty to Texas Tech. For instance:

Linda Jean Howe Harden '73, '76, Jim's wife, is head homemaking teacher at DeKalb ISD. She holds a bachelor's degree in home economics education and a master's in food and nutrition. Linda formerly taught in the Lubbock school system and at Cal Farley's. She currently serves as president of the local chapter of Daughters of the Republic of Texas.

Jen, the couple's daughter, is a Tech freshman majoring in food and nutrition/pre-med. She graduated in 1990

from Snyder ISD and is holder of the C.J. Davidson scholarship.

Jim and Linda's other children are Jessica, a 6th grader interested in attending Texas Tech; Jeffrey, a 4th grader who plans to come to Tech; and twins Joshua and Jeremy, first-graders who haven't thought much about college yet.

By the way, two of Linda's sisters are also Tech grads — Lois Howe Knowles of Fort Worth and Helen Howe Parker of Sweetwater.

Margarette's husband, O.K. Harden, attended Texas Tech as a pre-flight trainee during World War II. He is now a retired farmer. The couple has two daughters, including son Jim, and they, too, followed their parents' lead.

Cinda Harden Stewart, bachelor's degree in social studies, teaches at Friendship Junior High. She has a daughter, Brandi, age 7.

Linda Harden Reimer, bachelor's degree in education, teaches first grade in New Braunfels. She has three children, Lesli, 11; Cody, 9; and Sunni, 3. Her husband, Mike Reimer, graduated from Tech with a bachelor's degree, then earned a master's in San Marcos. He is an agriculture teacher in New Braunfels.

By the way, Margarette is "Dr. Harden" to most. She is a professor of food and nutrition in Texas Tech's College of Home Economics. Her likability and innovative teaching techniques have won her University acclaim as an "outstanding teacher." (By Marsha Gustafson)



Jim '74 and Linda Howe Harden '73, '76 and their family Jen, Jessica, Jeffrey and twins Joshua and Jeremy.



At the Berlin Wall with a Double-T are (from left) Polk Robison, Burl Huffman and Col. Walter Huffman.

Checkpoint Texas Tech

It was an historic time for all the world when the Berlin Wall was torn down. But before it became mere chunks of history, a group of Tech-exes, well-known ones, at that, left their personal mark of graffiti.

This May, former athletic director and basketball coach Polk Robison and wife Stephany, and Kay Robison Hilliard and her husband, Darwin, visited Stuttgart, West Germany.

The Robison's daughter, Ann, and her husband, Col. Walter Huffman, son of former Tech football coach and strong supporter Berl Huffman, are stationed in Stuttgart. Col. Huffman is the Staff Judge Advocate of the VII Corps.

While in Berlin, the group couldn't resist proclaiming their heritage for all to see — at least their Texas Tech heritage. Burl Huffman, a junior corporate and industrial fitness major at Tech, spray-painted a Double-T on the west side of the wall at Checkpoint Charlie. Then he, his dad and grandfather posed for a souvenir photo.

Sharing the experience, the relatives sent a copy of the photo to another relative and Tech-ex, Todd Robison, now working in the Office of New Student Relations. Knowing many people would enjoy seeing the Double-T go historical, Todd forwarded the photo to the Ex-Students Association for the Techsan.

Christopher D. Ferris (BS Physical Education), Kingwood, is a midshipman in the U.S. Navy and was selected Outstanding Graduating Marine Corps Midshipman for his leadership, initiative, proficiency and military bearing.

Lance Cpl. William A. Frazier (BS Restaurant, Hotel and Institutional Management), Lubbock, has received the Selected Marine Corps Reserve Certificate while serving with the 4th Force Service Support Group for having attended the necessary drills and annual training during a four year period.

Toni Gafford (BA Advertising), Lubbock, has joined N. Armstrong Advertising as an account executive.

Latonya A. Johnson (BS Clothing & Textiles), Lubbock, was married in September to Capt. Robert E. Hill. Latonya is employed by The Dance Gallery.

Tonya M. Priest (Pre-Nursing), Lubbock, was married in September to Joe L. Brewer. Tonya is employed by Benton Oil Co.

Scott D. Rose (BS Restaurant, Hotel and Institutional Management), Lubbock, was married in September to Kristyn L. Kingston. Scott is employed by the Olive Garden restaurant.

Brian E. Simmons (BA Chemistry), Lake Jackson, and **Shannon L. Trice** (BS Home Economics Education) were married in June.

Terry Swanson (BS Construction Engineering), Baton Rouge, La., and **Cindy Marten** (BBA Marketing) were married in May. Cindy is employed by Brown & Root.

Kenneth D. Thomas (BS Mechanical Engineering), Houston, was married in September to Shani L. Beard. Kenneth is employed by McDermott Inc.

Shayne Woodard (BS Agricultural Economics), Austin, is legislative assistant to Senator Bill Sims, 25th Senatorial District, Texas.

DEATHS

(Send obituary announcements to Susan Bowen, P.O. Box 4009, Lubbock, TX 79409. Please include the date of death.)

Herschel M. Bell, Faculty

Herschel M. Bell, 84, of Amarillo died Aug. 11. He was first employed at Tech in 1927 as the superintendent of farms and went on to become instructor of agronomy. He held this position until 1935, at which time he joined the U.S. Department of Agriculture. Herschel published an agricultural textbook in 1973, "Rangeland Management for Livestock Production," which was adopted by several colleges and universities in

the Southwest, one of which was Texas Tech. Survivors include his wife, Edna; two sons and five grandchildren.

E.E. Buddy Brixie '77

E.E. Buddy Brixie, 35, of Houston died Sept. 14. He earned his bachelor's degree in history in 1977 and became a briefing attorney for the 14th Court of Circuit Appeals. Survivors include his parents, a brother and a sister.

Harrell D. Chiles '53

Harrell D. Chiles, 60, of Andrews died Sept. 23. He had received his bachelor's degree in petroleum engineering in 1953 and was a petroleum engineer with Marathon Oil Co. until his retirement in 1988. Survivors include his wife, Patricia; two sons, a daughter and four grandchildren.

Meritt Clark '31

Meritt Clark, 81, of Fort Worth died Oct. 8. He received his bachelor's degree in civil engineering in 1931 and owned Clark's Grocery. He is survived by his wife, Jewel; two sons and three grandchildren.

Beatrice Cobb, Faculty

Beatrice Cobb, 83, of Lubbock died Sept. 29. She had been a professor of psychology at Texas Tech and is survived by a sister.

Edith DeBusk

Edith DeBusk, wife of **Manuel DeBusk** of Dallas, died in the first week of October following a lengthy illness. She was a 1941 graduate of the SMU School of Law and a Dallas attorney, active in civic and professional organizations. Manuel is a former member of Texas Tech's Board of Regents and a past president of the Ex-Students Association. The family suggests memorials be made to The Arthritis Foundation or The American Cancer Society.

Queenelle Sawyer Flache '39

Queenelle Sawyer Flache, 71, of Brownfield died Oct. 18. She received her bachelor's degree in English in 1939. Queenelle was a member of the Ex-Students Association and was active in many civic organizations in Brownfield. While attending Tech, she was involved in Ko Shari, Forum, Student Council and was listed in the Who's Who of American Colleges and Universities. Survivors include her husband, Truett; a daughter, a son and four grandchildren.

Charles V. Ginn '63

Charles V. Ginn, 50, of Petersburg died Oct. 12. He received his bachelor's de-

gree in agricultural education in 1963 and had been a farmer. He is survived by his wife, Linda; two daughters, a son and three grandchildren.

Frances Rhodes Graham '49

Frances Rhodes Graham, 62, of Alpine died Oct. 3. Frances received her bachelor's degree in home economics education in 1949. She had taught school in Stanton, Flower Grove and Alpine before retiring in 1987. Survivors include her husband, June; three sons and two grandchildren.

Lonnie Wait Hill '65

Lonnie Wait Hill, 62, of Lubbock died Sept. 16. She had studied education in 1965 at Tech. She retired from Furr's Cafeterias in 1981. Survivors include her husband, Walter; two daughters, two stepsons and three grandchildren.

Lila Allred Kinchen, '29, Faculty

Lila Allred Kinchen, 85, of Las Vegas, Nev., died Oct. 3. She was a professor emeritus of clothing and textiles at Tech where she had taught for 28 years. She had earned bachelor's and master's degrees in 1929 and 1939, respectively, in home economics education. She was named a Distinguished Graduate in 1985 by the College of Home Economics and an endowed scholarship was presented in her honor. She was preceded in death by her husband, **Dr. Oscar A. Kinchen**, a professor of history at Tech, who died in 1983.

Catherine Bagby Loughridge '35

Catherine Bagby Loughridge, 79, of Ruidoso, N.M., died July 24. She had received her bachelor's degree in food and nutrition in 1935.

P.A. Lyon Jr. '42

P.A. Lyon Jr., 69, of Spearman died Sept. 20. He earned a bachelor's degree in general business in 1942 and was owner of P.A. Lyon Insurance Agency & Hansford Abstract Co. P.A. also worked in farming, ranching and oil and gas leasing. Survivors include his wife, Buena; two sons, a daughter and 10 grandchildren.

John F. Moss '51

John F. Moss of Amarillo died Oct. 15. John received his bachelor's degree in 1951 in architectural design and was a self-employed architect and contractor. Survivors include two daughters, two grandsons and one granddaughter.

Fred D. Nelson '47

Fred D. Nelson, 80, of Levelland died Oct. 15. Earning his bachelor's degree

in petroleum engineering in 1947, he worked for Amoco, where he retired as a field foreman. Survivors include his wife, Virginia.

Bill Parsley '52

Bill Parsley, 62, of Lubbock died recently. He had earned a bachelor's degree in political science in 1952. He was vice president for development at Tech from 1966 to 1970, and then was named director of Tech's Office of Public Affairs. A former representative for Lubbock County in the Texas House of Representatives, Bill was also chairman of the House Rules Committee. Survivors include his wife, **Alice '50**; two sons and three grandchildren.

C.C. Perryman, Faculty

C.C. Perryman, 86, of Lubbock died Sept. 17. He retired from Texas Tech in 1975 as a professor emeritus in the industrial engineering department. A daughter, Mary Belle Kitchens, preceded him in death in 1982. His survivors include a sister, two grandchildren and two great-grandchildren.

James W. "Bill" Reed '52

Bill Reed, 70, of O'Donnell died Oct. 22. Bill received his master's degree in agricultural education in 1952. He taught vocational agriculture in O'Donnell until he retired in 1979. He was preceded in death by a previous spouse, Helen, who died in 1979. Survivors include his wife, Valene; a daughter, a son, a stepdaughter, two stepsons and eight grandchildren.

James R. Renfro '33

James R. Renfro, 82, of Corpus Christi died Sept. 18. He had earned a bachelor's degree in mechanical engineering in 1933. He retired in 1976 from the United States Naval Air Station in Kingsville. James is survived by his wife, **Geraldine '39**; a son, a daughter and four grandchildren.

William E. Ed Robnett '47

Ed Robnett, 70, of Stanton died Sept. 20. He received his bachelor's degree in agricultural education in 1947 and was an agriculture and trucking contractor. Survivors include his wife, **Doralene '43**; three sons, a daughter and five grandchildren.

Rebecca Quinn Steele '27

Rebecca Quinn Steele, 85, of Lubbock died Sept. 25. She received her bachelor's degree in education in 1927 and had taught at the Walt Disney School in Anaheim, Calif., at one time. Survivors include a son, a grandchild and a great-

grandchild.

James W. Timmons Jr. '33

James W. Timmons, 79, of Lady Lake, Fla., died Mar. 5. He had studied chemistry in 1933 while at Tech. Survivors include his wife.

Milton E. West '34

Milton E. West, 85, of Lubbock died Oct. 30. Milton received his bachelor's degree in accounting in 1934 and retired in 1980 as a longtime certified public accountant. He was preceded in death by his wife, Dorrace, and a son. Survivors include two sons, nine grandchildren and two great-grandchildren.

Dixie B. White '41

Dixie B. White, 72, of Monroe, La., died Oct. 24. He earned his bachelor's degree in history in 1941 and was a former football player for Tech, playing on the team that went to the Cotton Bowl in 1938. He began his coaching career at Tech in 1940 as an assistant coach. Before and after World War II, Dixie coached high school football in Lubbock and Dennison. He moved on to Midwestern University as an assistant in 1949 and became head coach in 1951. He then coached as an assistant at Idaho in 1953, Stephen F. Austin in 1954, and moved to Arkansas from 1955 to 1961 under Jack Mitchell and Frank Broyles. He worked with Charlie McClendon at Louisiana State University from 1962 to 1964, then became head coach at Northeast Louisiana University. Dixie then became a scout with the New Orleans Saints in 1971, served as offensive line coach in 1973, then returned to scouting for them until 1977, when he retired and moved back to Monroe, where he died. Survivors include his wife, **Ann '40**, and three children.

Philip Wynn '48

Philip Wynn, 67, of Coahoma died Nov. 2. He received his bachelor's and master's degrees in agricultural education in 1948 and 1951, respectively, and taught in Meadow, Big Spring and Coahoma. He was a rancher in Hockley and Howard counties. Survivors include his wife, **Loma '58**; a son, a daughter and three grandchildren.

Bruce C. Zorns '36

Bruce C. Zorns, 77, of Kerrville died Oct. 27. Bruce received his bachelor's degree in architectural design in 1936 and was president emeritus and vice chairman of the Brownfield Savings and Loan. He was preceded in death by his wife, Virginia. His survivors include two daughters and four grandchildren. ☐

Forgive us our 'finger food & football'

*BY DR. BILL DEAN
EXECUTIVE DIRECTOR*

Homecoming 1990 has come and gone. If you were one of several thousand who were on campus during that period I hope you had a great time. I'm sure you probably did not enjoy the loss that night but, hopefully, everything else went well.

I am asked every year how many exes have returned for Homecoming. There is, of course, no way to accurately measure that. I can tell you how many people attended the Century Club Dinner or the class reunions or the Homecoming Buffet, but there really isn't any way to gauge how many exes were actually here for all or part of Homecoming.

It is worthy of note that the game drew a sellout crowd. The last 8,000 to 9,000 tickets were sold Friday and Saturday, so that is some indication that a large number of exes did return to campus for Homecoming.

Each year, after the dust settles, our staff sits down and attempts to evaluate the various activities that we sponsor in an effort to improve on those events the following year. I think we have done a better job each year in improving Ex-Students Association-sponsored events during Homecoming.

But that doesn't mean things always go as planned. Case in point is the Century Club Dinner. It has evolved over the past few years into a very classy function with good food, good company and a short program. The program ran too long this year and we recognize that. It will be shorter next fall.

Another case is the Homecoming Buffet. We tried something different this year and it did not work. We attempted to decentralize the food lines and provide a wider variety of food and a more "festive" atmosphere. To say we were not successful might be an understatement.

The Homecoming Buffet is, first of all, not as well attended as it was 10 years ago. There are numerous activities taking place that affect the attendance. In the last five years Tech fans have really gotten into the "tailgate spirit." As a result, our buffet inside the Coliseum has suffered. But that's OK.

The real important thing here is for our fans and exes to enjoy themselves and enthusiastically support the Red Raiders. The numerous tailgate events in the stadium parking lot seem to be accomplishing those goals.

Still, there are 500 or so who seem to enjoy coming inside the Coliseum for the annual Homecoming Buffet.

After discussing this matter and listening to the comments of several in attendance, the staff has come to the quick conclusion that next year's buffet should simply return to procedures of the past. We will have an all-you-can-eat buffet featuring the traditional barbecue, chicken and fish.

In addition, the Ex-Students Association would welcome any other comment that you might have regarding Homecoming. We want you to enjoy the weekend and will do whatever we can to insure that.

“DISTINGUISHED ALUMNUS” of Texas Tech University

The measure of a University's distinction and influence greatly depends upon the achievements of its alumni and the positions they earn in their communities and fields of endeavor. The Ex-Students Association recognizes outstanding alumni of Texas Tech University with the Distinguished Alumnus Award.

Nominations for the Distinguished Alumnus Award are accepted from any member of the Ex-Students Association and from the Texas Tech University faculty and staff.

*Use the form below to submit nominations to the Ex-Students Association. It is helpful to also enclose biographical data and a letter of nomination. Please mail by **February 20** to:*

**Distinguished Alumnus Program
Texas Tech University
Ex-Students Association
P.O. Box 4009
Lubbock, TX 79409**

(Nominees are not required to have graduated, but they must have been enrolled at Texas Tech a minimum of 20 years prior to nomination.)

I wish to nominate

Name _____

Business Address _____ **Home Address** _____

Business Phone _____ **Home Phone** _____

The above-named individual should be considered a candidate for the Distinguished Alumnus Award because:

Nominator's Name _____

Address _____

Business Phone _____ **Home Phone** _____

Date of Nomination _____



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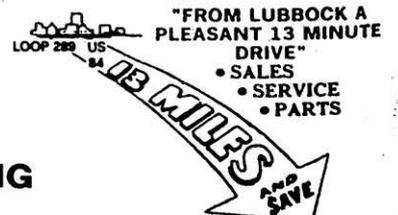
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