



Spring 2010

Dear Alumni, Parents and Friends:

From the beginning of my service as chancellor of the Texas Tech University System, I have strongly emphasized the importance of three initiatives – growing student enrollment, enhancing research programs and preparing each student for life-long personal, professional and civic success.

It has been my mission to significantly improve our university system in each of these areas, and I am proud to report that our universities have never been stronger.

After the release of final class figures for the spring semester, enrollment numbers continue to break records and make history.

Texas Tech University reported its highest spring enrollment for the second year in a row. The university's spring enrollment is 28,014 students, up nearly 1,500 students from last spring. We are also excited to see an increase in the graduate student population, as its continued growth will be vital to Texas Tech's success in becoming the next Tier One, or National Research University, in the state.

Enrollment records were also set at Angelo State University. The university recorded its highest spring enrollment with 5,895 students, a 7.59 percent increase over the previous year. Graduate enrollment also set a record for the second consecutive semester.

Spring 2010 enrollment of 3,416 students represents the largest enrollment for Texas Tech University Health Sciences Center as well. It exceeds the previous record enrollment set last fall by more than 5 percent.

This enrollment growth is crucial in securing more state appropriations, and our continued progress shows we are well on our way to reaching our 2020 enrollment goals for each university.

The universities of our system have also made significant progress in expanding research opportunities. In 2009, our institutions reported some of our highest numbers in research funding and expenditures, and our faculty members have submitted more research proposals than ever before. This year,

each institution has received substantial funding for research through federal and state grants, as well as personal contributions.

Our campus facilities are being further developed to enable the creation of new technologies and discoveries. We have acquired state-of-the-art equipment to provide our faculty and students with the best opportunities for real-world and industry-level experience.

Recruitment of research-funded faculty is also underway. We have attracted distinguished talent from across the nation to our campuses and are working to recruit more top-tier researchers. These established researchers bring large amounts of research funding and experienced teams of high-quality faculty with them.

We recognize the transformative impact these efforts will bring. Not only will new research enrich the quality and culture of our universities, but it will also greatly benefit our communities and economy, bringing new business and creating new jobs.

As we strive to achieve our goals, students remain our primary motivation. Providing students with the skills they need to succeed is the reason we are here.

The students of our universities are known for their strong work ethic and, once again, have proven themselves among the best and brightest in the nation.

Our students continue to demonstrate unsurpassed achievement on professional exams, scoring some of the highest marks in the state. Each university has also been represented by our students across the country as they competed and excelled in national competitions. These teams received top rankings and numerous individuals have been named as standouts in their fields of study.

It has always been my goal to provide our students with more than a great education, and these successes are a true testament to the quality of academics and experience our students receive.

As we make our way through the semester and plan for a new year, these achievements are truly encouraging, and I remain extremely confident about the future of the Texas Tech University System. However, the road ahead will be filled with challenges as well as triumphs.

In a recent request from the governor, state agencies have been asked to prepare budget reduction plans for a possible 5 percent decrease in state-appropriated funds. Although the proposed plan is just a precaution at this point, it is a task we take seriously to ensure the welfare of our students and universities.

Our institutions have a history of operating in an efficient and resourceful manner and will continue to do so. We remain diligent in realizing our goals and maintaining a high standard of excellence in all that we do. From here, it's possible.

Very truly yours,

Kent Hance, Chancellor



In January, Chancellor Kent Hance received the 2009-2010 Outstanding State Leader Award from the John Ben Shepperd Public Leadership Institute.



Texas Tech President Guy Bailey and Vice President for Research Taylor Eighmy listen as Chancellor Kent Hance speaks at a Tier One community event in February.

TEXAS TECH ON TRACK FOR TIER ONE STATUS

Texas Tech University is well-positioned to become the state's next National Research University.

After being designated as an emerging research university by the Texas Higher Education Coordinating Board (THECB) in 2009, Texas Tech quickly began its journey toward achieving National Research University, or Tier One, status.

The term "Tier One" is used to describe institutions having academic excellence, world-class research and an exceptional student body. Universities with such a distinction provide students with unrivaled educational opportunities and generate research programs that address complex issues facing the state, nation and world. Reaching this designation will place Texas Tech in an elite

group of institutions, strengthening the university's position as we compete for top talent and the best and brightest minds.

Last year, the Texas Legislature developed a framework and two funding sources to help Texas Tech and other emerging research universities reach and maintain Tier One status.

The legislation's most immediate impact was the creation of the Texas Research Incentive Program (TRIP), making \$50 million available in matching grants for private gifts designated for research. Texas Tech took full advantage by raising \$24.3 million that will be matched by \$21.5 million in TRIP funding over the next two years.

A second piece of legislation created the National Research University Fund (NRUF). NRUF is a constitutional endowment established by Texas voters last November. Texas Tech could receive up to \$10 million per year if the university is one of the first to fulfill the criteria.

The primary criterion to receive this funding is \$45 million in annual restricted research expenditures for two consecutive years. Texas Tech must receive and spend \$45 million annually in fiscal year 2010 and again in 2011 to be eligible for designation as a National Research University at the beginning of the fiscal year 2012 and 2013 biennium.

Texas Tech reported more than \$35 million in restricted research expenditures in 2009, up from \$27 million in 2008. The university is working hard to meet this requirement and is very close to reaching the \$45 million benchmark this year.

The Tier One designation will be a tremendous feat, but is merely a step in the strategic plan. The ultimate goal for Texas Tech is to become one of the nation's great public research institutions; one that conducts research that changes lives, educates students who are globally competitive and drives the formation of new businesses.

TTUHSC RECEIVES GRANTS TO FIGHT AGAINST CANCER

In January, more than \$1 million in grants were awarded to Texas Tech University Health Sciences Center (TTUHSC) from the Cancer Prevention and Research Institute of Texas (CPRIT).

The funds are from the first \$61 million in grants awarded for cancer research projects in Texas out of the \$3 billion the state plans to invest in cancer research over the next 10 years.

According to CPRIT, only 66 research projects were selected from nearly 900 proposals. TTUHSC researchers who received the grants are Guillermo Altenberg, M.D., Ph.D., associate professor in the Department of Physiology, and Min Kang, Ph.D., assistant professor in the Department of Cell Biology and Biochemistry.

All the projects selected will investigate the causes and potential treatments for a wide-range of cancers.

Tier One Framework Criteria

Criteria that Texas Tech must meet to gain Tier One status

Texas Tech must meet both:

- 1 Must have designation as an emerging research university.
 - Texas Tech has received the designation.
- 2 Must have at least two years of annual restricted research expenditures of more than \$45 million.
 - Texas Tech has approximately \$35 million per year.

Texas Tech must meet four of six:

- 1 An endowment greater than \$400 million.
 - Texas Tech's endowment stands at about \$415 million.
- 2 Doctoral degrees awarded must exceed 200 in each of the previous two years.
 - Texas Tech awarded just fewer than 200 in each of the past two years.
- 3 Membership in the Association of Research Libraries or housing a chapter of Phi Beta Kappa.
 - Texas Tech meets both requirements.
- 4 High achievement of the freshman class for two years, to be determined by the Texas Higher Education Coordinating Board (THECB).
- 5 High-quality faculty for two years, to be determined by THECB.
- 6 High-quality graduate-level programs, to be determined by the THECB.



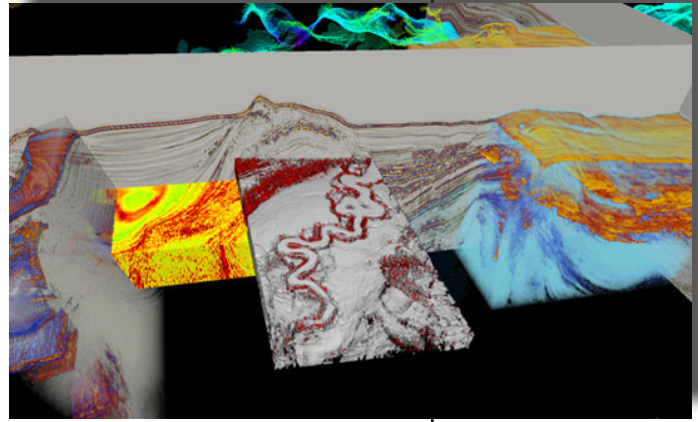
PETROLEUM ENGINEERING STRIKES IT RICH WITH GIFT

Students in Texas Tech University's Bob L. Herd Petroleum Engineering Department will have a competitive advantage when they enter the job market, thanks to a gift of \$42.5 million in software from Schlumberger.

The contribution includes 100 modules, licenses and maintenance of Petrel seismic-to-simulation software, a state-of-the-art geosciences and reservoir engineering interpretation and modeling package.

With the Petrel package, students will be able to learn and work with the latest software being used in the industry. This type of software will also be used to attract high-quality faculty and research funding to Texas Tech.

Schlumberger is the world's leading supplier of technology, integrated project management and information solutions to customers working in the oil and gas industry worldwide. Their support will greatly impact the academic success of Texas Tech's students.



The Petrel software simulates geologic formations in 3-D, allowing students to visualize and study aspects of oil and gas production. (Photo courtesy of Schlumberger.)

INTERNATIONAL STUDIES CENTER RECEIVES NATIONAL AWARD

Angelo State University has received national recognition for its Center for International Studies. The Institute of International Education has named Angelo State as a co-winner of a 2010 Andrew Heiskell Award for Innovation in International Education. Angelo State has been honored in the study abroad category for providing innovative programs and services, which makes studying abroad more accessible to its students.

Over the past year, the Center for International Studies has tripled the number of students enrolled in its programs by significantly increasing the number of study abroad opportunities and including a wider selection of summer and long-term programs.

Additionally, the Center for International Studies' recruiting efforts have resulted in a record number of international students attending Angelo State for the spring 2010 semester. Including the intensive English language program, 103 international students are enrolled on campus.

Angelo State's program has been designated as a "Best Practice" for study abroad and will be profiled on the Institute for International Education Network Web site and in the *Institute for International Education Networker* magazine.

NURSING SCHOOL GRANT COMBATS NURSING SHORTAGE IN TEXAS

Texas Tech University Health Sciences Center Anita Thigpen Perry School of Nursing has received a \$1 million grant from the Texas Workforce Commission to resolve the critical nursing shortage facing the state of Texas. By 2013, it is predicted the state will need 15,199 new nursing graduates and 24,870 new graduates by 2020.

This grant will help research, develop and provide innovative practices for curriculum development and training, as well as help expand nursing schools to accommodate more students.

The Perry School of Nursing is working hard to provide more nurses to the state. Since 2006, the nursing school has grown from 718 undergraduate students to 928 students in 2009, a 29 percent increase. The school also plans to increase enrollment numbers by 40 percent, or to nearly 1,300 undergraduate students, over the next four years.

The former dean of the Perry School of Nursing, Alexia Green, led the Texas Team of the 2009 Nursing Education Capacity Summit to help create the strategic plan for nursing schools in Texas. This plan defined three goals for nursing schools in the state; support growth and accountability, develop regional academic partnerships and leverage new partnerships.

The Perry School of Nursing offers three undergraduate Bachelor of Science in Nursing (BSN) programs including a traditional BSN, Second Degree BSN and Registered Nurse to BSN.



The Perry School of Nursing creates educational possibilities for students and health care solutions for the communities it serves.



Pictured from left are Ellen D. Moreland and husband, Patrick Moreland, at the Chancellor's Council Gala in December. (Photo courtesy of Artie Limmer.)

ANGELO STATE INSTRUCTOR NAMED PROFESSOR OF THE YEAR

Angelo State University Professor Ellen D. Moreland has been named the 2009 Texas Professor of the Year by the Carnegie Foundation for the Advancement of Teaching. Moreland, a senior instructor of mathematics, teaches what Angelo State calls the capstone course, otherwise known as the secondary certification program, in math.

Moreland helped formulate the course for students working toward becoming high school math teachers. Since Moreland began teaching the course 13 years ago, her students have had a 100 percent pass rate on the first attempt of the teacher certification test, which compares to a statewide pass rate of about 60 percent.

The Carnegie Foundation awards this honor to professors who demonstrate extraordinary achievement and dedication to undergraduate teaching, qualities Moreland possesses in abundance.

A testament to this fact is that Moreland declined to go to Washington, D.C. to receive her award in November because it was too critical of a time for her to leave her students.

Moreland was one of only 38 state winners chosen from more than 300 professors who were nominated by colleges and universities throughout the United States. This is the first time a professor from Angelo State has received this honor. Moreland also received Texas Tech University System Chancellor's Council Distinguished Teaching Award for Angelo State in 2009.

NEW ADDICTION RESEARCH TEAM ESTABLISHED AT TTUHSC

Texas Tech University Health Sciences Center (TTUHSC) has added a new team of eight talented researchers who will focus on the causes of alcoholism and drug addiction, as well as the effects of drugs and alcohol on a developing brain.

The group came to TTUHSC in February, and the team's leader, George Henderson, Ph.D., brought with him approximately \$1 million in funding from the National Institutes of Health. The team joins the South Plains Alcohol and Addiction Research Center and its team of scientists from TTUHSC and Texas Tech University. Their mission is to conduct research to better understand the human consequences of alcohol and drug use.

The recruitment of Henderson and his team further cements TTUHSC's reputation as a nationally renowned center for the study of alcohol's effect on the brain, the genetics of alcoholism and Fetal Alcohol Syndrome.

Fetal Alcohol Spectrum Disorders are major causes of mental disorders and affect approximately 2 percent of live births. Studies conducted by Henderson and his team have illustrated that exposure of the developing brain to alcohol causes the death of brain cells through oxidative stress. This also occurs after exposure to some pesticides and herbicides, and has been connected to Parkinson's disease in adults. Ongoing studies are developing the means to block the toxic effects of alcohol and these environmental toxins.

This research team has and will continue to greatly influence the lives of countless people who deal with the daily struggles of drug and alcohol addiction. Their efforts will help TTUHSC enhance its research mission so more advances can be made to positively impact the people of our community, nation and world.

CASNR JUDGING TEAMS WIN NATIONAL CHAMPIONSHIPS

Texas Tech University is the newly crowned national champion of intercollegiate meat and livestock judging.

The Texas Tech Meat Judging Team and Livestock Judging Team of the College of Agricultural Sciences & Natural Resources (CASNR) both earned national championship titles in November.

This makes the third consecutive year the Livestock Judging Team has brought home the national title.

Since 2007, CASNR students have claimed 12 national titles. The college has boasted 80 national championship teams since 1934, when the Livestock Judging Team won Texas Tech's first national title.

TEXAS TECH LAW SCHOOL RAISES THE BAR

The Texas Tech University School of Law is celebrating several accomplishments this year.

Recent results from the July 2009 bar examination show the Texas Tech School of Law had the highest first-time bar pass rate out of all nine law schools in Texas.

Texas Tech's first-time pass rate was 94.5 percent, compared to the overall state pass rate of 89.41 percent.

It is exceptional performances like this which prove the quality of students at the Texas Tech School of Law, and many are taking notice.

The Texas Tech School of Law is currently ranked in the top 100 law schools in the country for turning out high-quality lawyers, according to the November issue of *Super Lawyers* magazine.

The magazine selected 542 Texas Tech School of Law graduates for "super lawyer" status.

The Texas Tech School of Law is also ranked as a "Top 20 Best Value Law School" by *The National Jurist* magazine and has a 97.7 percent job placement rate for graduates.

ANGELO STATE EXPANDS TO HILL COUNTRY

Residents in Kendall County and the surrounding area now have access to education, communication and nursing classes from Angelo State University. In January, Angelo State began offering courses in the new facility in Boerne, Texas to Hill Country residents in a combination of online, independent research and periodic classroom instruction.

Some of the education programs planned for the Boerne site include Master of Education degrees, Master of Science in health education and certification programs for superintendent, principal and school counselor.

Nursing programs initially available include Licensed Vocational Nurse to Registered Nurse (RN), RN to Bachelor of Science in Nursing and RN to Master of Science in Nursing.

Along with education and nursing classes, students can also take Introduction to Graduate Studies in Communication.

Angelo State's long-term plan is to establish a permanent facility that would include classrooms and additional space for more educational opportunities.

PHI BETA KAPPA CHAPTER RECEIVES HIGHEST HONOR

Only three years after receiving its charter, Texas Tech University's chapter of Phi Beta Kappa is ranked as one of the best in the country.

Phi Beta Kappa is the most prestigious academic honor society in the United States. Lambda of Texas, Texas Tech's chapter, received the highest possible rating for 2008-2009 from the national Phi Beta Kappa Society. Only 22 Phi Beta Kappa chapters received this rating, which ranks Texas Tech in the top 10 percent of all chapters in the nation.

The high rating was based on several factors, including the strong presence of Phi Beta Kappa on campus, the chapter's high standards of success in student selection, activities and the hosting of speakers and events, the chapter's Web site and exemplary collaboration with the regional Phi Beta Kappa alumni association.

Of all the institutions of higher education in the United States, only 280 have been granted the right to house Phi Beta Kappa chapters. This means Texas Tech is among only 10 percent of all institutions in the nation allowed to house chapters. Texas Tech is also only one of three public universities in Texas with a Phi Beta Kappa chapter.

Lambda of Texas will now be considered for an Exemplary Chapter Award at the 2012 Triennial Council meeting.



The Mark and Becky Lanier Professional Development Center at Texas Tech is home to a state-of-the-art trial courtroom that helps prepare students to become successful, practicing lawyers.

Below are the faculty charter members of the Texas Tech Chapter of Phi Beta Kappa. (Photo courtesy of Artie Limmer.)





Chancellor Kent Hance visits with General Motors Chairman and CEO Edward E. Whitacre, Jr. during Hance's seminar class last fall. (Photo courtesy of Brittany Strebeck.)

TEXAS TECH ALUMNUS TAKES HELM OF GENERAL MOTORS

A Texas Tech University graduate is now leading one of the nation's largest companies, General Motors.

In January, Edward E. Whitacre, Jr., the former Chairman and CEO of AT&T Inc., became General Motors' permanent CEO after being appointed as chairman and interim CEO by the federal government late last year.

A native of Ennis, Texas, Whitacre graduated from Texas Tech in 1964 with a degree in industrial engineering. He is also a former chairman of the Texas Tech University System Board of Regents.

Whitacre took the helm of General Motors after the company's financial troubles in the summer of 2009. The

Texas Tech graduate now has the task of rebuilding the company and regaining its position as a world competitor in automobile manufacturing. It is a challenging task, but it is nothing new to this Texas Tech graduate who has successfully overcome difficult obstacles in the past.

Whitacre was instrumental in securing some of Texas Tech's largest gifts, including contributions from Southwestern Bell Company (SBC) Foundation to create endowed scholarships and endowed faculty positions at the university.

In 2008, Texas Tech named its engineering college the Edward E. Whitacre Jr. College of Engineering after receiving a \$25 million gift from AT&T and friends of the company.

Prior to his position with General Motors, Whitacre was the president and chief operating officer of SBC, making him responsible for the company's six primary subsidiaries. In 1990, Whitacre became chairman and CEO of SBC, which changed its name to AT&T in 2005, after SBC acquired AT&T Corporation.

Whitacre has also been named a Distinguished Alumnus of Texas Tech and a Distinguished Engineer of the College of Engineering. The Rawls College of Business has honored him as well with the Outstanding Chief Executive Award.

TTUHSC IS HOME TO "BEST DOCTORS IN AMERICA"

Eighteen doctors from Texas Tech University Health Sciences Center Paul L. Foster School of Medicine received national recognition by being named to the "Best Doctors in America" list. The "Best Doctors in America" is a national database identifying the most respected doctors in several specialties. The 18 doctors practicing at the Paul L. Foster School of Medicine are: Maria Teresa Ambat, Lorenzo Aragon, Paul Casner, Gilbert Handal, Hoi Ho, Kathryn Horn, Arthur Islas, Merle Ipson, C. Antonio Jesurun, Garrett S. Levin, Charmaine A. Martin, Oscar Noriega, Pratibha Shirsat, Mary C. Spalding, Alan H. Tyroch, Ulysses Urquidi, Robert W. Vera and Marc Zuckerman.

TEXAS TECH FUELS WIND ENERGY INITIATIVE

A new agreement between Texas Tech University and the National Nuclear Security Administration's Pantex Site could result in the creation of a wind research farm after a Memorandum of Understanding (MOU) was signed in January.

This agreement outlines the development of a wind farm that could be used for research purposes and for the production of wind-generated electricity to operate the Pantex Plant near Amarillo.

The research center envisioned would support the federal government's goal of utilizing wind energy to generate 20 percent of the nation's electricity demand by 2030. The installations would also create the potential to solve key scientific challenges facing the wind power industry today.

Texas Tech is a leader in wind energy research with an established history of more than 40 years experience.



Texas Tech currently offers the only Ph.D. degree program nationwide in Wind Science and Engineering.