



Rural Health *Messenger*

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Pandemic flu concerns highlight need for preparedness planning

While scientists and doctors continue to study and debate the threat of a worldwide flu pandemic, some rather grim predictions are being discussed.

Many health officials are using the Spanish Flu of 1918 as a basis for their predictions. That flu was devastating across the country, in Texas, and in West Texas. Many cemeteries across West Texas, such as the Carlisle Cemetery west of Lubbock, were opened to take in the influx of burials resulting from that flu. A study of West Texas history tells of many prominent citizens dying from the Spanish Flu, including the president of Wayland Baptist University in Plainview.

If projections for a future pandemic based on the Spanish Flu of 1918 are true, we could see two-thirds of the population in the United State infected and one third of the population clinically ill. Between one-third to half of the workforce could be forced to stay home – being sick themselves, caring for other family members, or caring for children if schools are closed. Should a flu pandemic reach the proportions predicted, the closure of schools, businesses, and public facilities is inevitable.

No flu pandemic exists currently. The H5N1 strain of avian flu, which is posing the most significant concern at this time, could become a flu pandem-

ic. However, even if this particular strain does not materialize into a pandemic, history and science tell us that a pandemic will occur at some point.

Dr. Patti Patterson, vice president of Rural and Community Health at Texas Tech University Health Sciences Center explains, “We don’t know if a flu pandemic will occur with this strain of avian flu, although the science behind the prediction is sound. There is a high likelihood of a major flu outbreak in the next two years. The more pressing question is when and how widespread.”

Tommy Camden, R.S., health director for the Lubbock City Health Department adds, “It is important for communities and families across West Texas to prepare. Each of us has an obligation to ourselves and our

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Above: More than 150 community leaders in business, education, government and health care attended the half-day Lubbock Community Summit on Pandemic Flu Preparedness on June 15. The purpose of the Summit was to educate the community on the concerns for a future pandemic as well as to generate community discussion about the planning needs for each segment of the community. The Summit was sponsored by Texas Tech University Health Sciences Center, the City of Lubbock, the Lubbock Chamber of Commerce and the West Texas Area Health Education Center (AHEC) Program.

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By Patti Patterson, MD, MPH
Vice President of Rural and Community Health

Becoming a Prepared Community

The possibility of pandemic flu. Tornadoes. Grassfires. Bioterrorism. Being prepared is vital in today's world, and yet many rural communities have far to go in terms of being ready for an emergency.

Being able to react in a well-organized, well-planned manner is important for a community to be able to react to an emergency situation, whether that is a public health crisis or grassfires. Every community should have a plan in place to cover emergencies.



Do you know what your community will do should you suddenly find yourself in the middle of a pandemic flu outbreak? Do you know what your family should do to be prepared?

It is up to each family to be prepared, so that they are able to effectively participate in the community's response.

What happens if 30% of your town's population becomes ill or has to stay home to look after family members? Who will police your city? Work the fields? Run the school? Do you have the communication system set up to convey vital information to your residents about what they should do in the event of evacuation due to grass fires or a tornado? Where should people go for more information?

"Being prepared" means having all the avenues of action planned out and easily accessible so residents can put the plan into action. It means spending some time before the crisis, working out the best steps to take when an emergency occurs: the steps of municipal communication, a central emergency headquarters, and well-educated residents who know the steps to take to help make the crisis more manageable.

Since 9/11 happened, the world is a different place. There are now numerous books, websites and other resources to help small rural communities develop workable plans and grants available.

Don't wait for a crisis to happen and then wonder what to do. Have a plan in place so your family and community can respond in the most effective way.

Rural Health Scholars continue education at Texas Tech University Health Sciences Center

The Rural Health Education Scholarship program for undergraduate students at Texas Tech University recently completed its fourth year with several students moving on to their professional education. Four undergraduate scholars are transitioning to their health care-specific training at Texas Tech University Health Sciences Center (TTUHSC).

Kelsey (Wolfe) Kelso, from Graford, Texas, was recently accepted into the Texas Tech University Health Sciences Center's School of Medicine and will begin her medical education in August. For Kelso, it is the fulfillment of a life-long dream.

"I've always wanted to be a doctor since I was in elementary school, and when I got the chance to shadow Dr. John Wells of Mineral Wells during the summers, that sealed it," she explains. "I knew that I wanted to be a doctor for certain."

Kelso was a Zoology major at Texas Tech University with minors in Chemistry and Spanish. She graduated in May with a grade point average of 3.92, an achievement in and of itself, but especially when you consider that she completed her undergraduate education in just three years. She was awarded a Rural Health Education Scholarship as a freshman in 2003, and ended up taking extra class hours to complete her goal of graduating in a shorter amount of time.

Kelso was not only busy with her schoolwork in her final semester, she was also busy preparing for her wedding to Clayton Kelso just one week after her graduation. Her new husband is also pursuing a career in health care. He began his training in the TTUHSC Physical Therapy program two days after they returned from their honeymoon in Jamaica.

"I am so excited to be starting medical school in the fall," says Kelso. "I'd like to work in Family Medicine in a small ER like the one I worked in with Dr. Wells. I am just so happy to be going to the Health Sciences Center – it was my number one choice and where I felt most comfortable, so I was thrilled when I saw that I had been accepted."

Matthew Aaron, from Clarendon, has completed two years at Texas Tech University and will be entering the TTUHSC bachelor of science Nursing program in the Fall. Aaron's goal to return to a rural community to work has been strengthened through his involvement in the Student Rural Health Organization, as well as his own volunteer experiences as a nurse's aid at a rural clinic and with his community's ambulance service.

Aaron explains, "Recently, I've become very interested in the opportunities to serve for a while with Americorps after I graduate, in an effort to make the greatest possible difference in rural, impoverished areas not only in Texas, but across the country."

Amanda Ulibarri and Jill Merritt will begin their Doctor of Pharmacy training at TTUHSC in Amarillo later this summer.

Ulibarri, who is from Nocona, graduated with a bachelor of science degree in General Studies in May of this year. She applied to both the University of Oklahoma and Texas Tech University Health Sciences Center, choosing Tech because of its strong program.

"I like the Texas Tech program because it is so extensive, preparing its students to work in both rural and urban areas," she explains. "I would like to work in a community pharmacy in a small town in Texas when I graduate, so this will be good preparation for me."

Ulibarri's interest in pharmacy started back in high school when she

Institute focuses research and education efforts to improve Hispanic health

With Hispanics and Latinos now making up over 35 percent of the state's population, and that expected to increase rapidly over the next few years, it is clear that academic studies addressing the various issues facing this population will play a significant role in the future of Texas. The F. Marie Hall Institute for Rural and Community Health at Texas Tech University Health Sciences Center is engaging researchers and educators on this critical subject with two conferences that focus attention on the health and education needs of Hispanic people, as well as create opportunities for more collaborative efforts to address issues.

The first was the Hispanic Initiative Conference held on June 6. Sponsored jointly by the Texas Tech University College of Mass Communications and the Institute's West Texas Rural EXPORT Center, the goal of the conference was to encourage collaborative cross-disciplinary projects that reflect a community-based participatory research approach.

"We are reaching out to other colleges, departments and institutes to encourage networking and joint participation in community-based research that focuses

on this key population in West Texas and in the state as a whole," explains Dr. Patti Patterson, vice-president of Rural and Community Health.

The West Texas Area Health Education Center (AHEC) Program has also been awarded a \$250,000 grant from the Texas Higher Education Coordinating Board to host a series of regional conferences focused on increasing the number of under-represented students pursuing health professions education in Texas—with the ultimate goal being a larger, and more diverse, health care work force.

The grant is part of a collaborative effort between the East, South, and West Texas AHECs—as well as their host institutions: University of Texas Medical Branch at Galveston, University of Texas



Health Science Center at San Antonio and Texas Tech University Health Sciences Center—to improve health care in underserved communities by developing the health care work force for those communities.

The Diversity Conferences Series will be held in communities across the state including Dallas, Harlingen, El Paso, Lubbock, Austin and Houston. The goal of each regional conference is to bring together leaders in K-12 and higher education, work force development, and health care human resources to understand

- how our state's demographics impact the health care work force in Texas,
- the opportunities that exist to expand the health care work force, and
- how to assist diverse populations with successfully completing health professions training and moving into the work force.

"We are very pleased that we have the opportunity to present these conferences which address the importance of diversity in the education pipeline in West Texas," says Pam Danner, MBA, director of Rural Health and the West Texas AHEC Program. "Both conferences, in Lubbock and El Paso, should be a great source of information for those who can have an impact on the career decision processes for our West Texas youth. Additionally, those who can impact the success and retention of these students through higher education should benefit, as well."

The Lubbock one-day conference has been set for Tuesday March 6, 2007. More information and a call for presentations for all conferences will be available soon.

Pandemic cont'd from page 1

families to be prepared for situations that could create disruptions in our daily lives. Many people have forgotten the effects of the tornado that hit Lubbock in 1970, or the massive power blackout in 1997. While the black-out was only a few hours, it was virtually impossible to buy groceries in Lubbock and Amarillo because store cash registers would not function. A flu pandemic could disrupt commerce and business for weeks, maybe months."

Camden and Patterson both advise citizens to maintain an emergency supply of food, water and certain goods for an extended stay at home. It is suggested you have the following:

- bottled water
- non-perishable food

- cash
- flashlight, batteries, manual can opener, portable radio
- prescribed medical supplies such as glucose and blood-pressure monitoring equipment
- soap and cleansing supplies,
- medicines for fever and diarrhea, fluids with electrolytes
- tissues, toilet paper, disposable diapers

Patterson adds that many people are discounting the fear of a flu pandemic with the belief that "the miracles of modern medicine will stop it." She admonishes that "unfortunately, we may be dealing with a serious strain of flu that is unstoppable by science and medicine. And, we can't rely on a vac-

cine. Communities need to plan and prepare for the worst-case scenario that a pandemic could bring so that they are able to effectively respond to minimize the impact."

The U.S. government, the State of Texas, Texas Tech University Health Sciences Center, and many communities are taking the threat of a flu pandemic seriously. Preparedness planning is underway.

The most current information about flu pandemic—as well as preparedness planning checklists for business, health care, faith-based organizations, schools, and families—is available at www.pandemicflu.gov.

Telemedicine Report

Advanced Health Care Through Advanced Technology

Telemedicine poster child celebrates 16th birthday this summer

Sixteen years ago, Aida Porras was a newborn who suddenly developed a life-threatening medical condition following her birth in the Alpine, Texas hospital. Doctors at the hospital quickly found they needed the expertise of a neonatologist, but there were none there. Fortunately for Aida, Texas Tech University Health Sciences Center had recently installed its first telemedicine unit in the very same hospital. Dr. James Luecke, who delivered Aida, immediately found the assistance he needed with the life saving electronic involvement of Dr. Marian Meyers in Lubbock – 300 miles away. Aida Porras would soon be deemed the poster child of Texas Tech telemedicine.

On June 29, 2006, Aida Porras of Presidio celebrated her 16th birthday. Her mother, Maria Porras, and Dr. Luecke both give credit to the telemedicine consult for saving Aida's life.

Still living in Presidio, Aida is a typical teen who enjoys hanging out with her friends and talking on the telephone, but she has big plans for the rest of her life.

Aida feels that things are good. "I'm happy and I have more things going on with my life now," she says with satisfaction. "I want to finish high school, go to college and I'd like to be a nurse, study criminal justice or coach athletics. When I was small, I used to love watching nurses and was always attracted to the field."

Aida is a big sports fan, playing volleyball, basketball and playing second base on the softball team with the Presidio Lady Devils. "My dad plays baseball, and he loves it. I used

to watch him and I've loved it ever since," she explains.

Sixteen is a big birthday for many young people, and Aida is no different – hoping for driving lessons and the freedom that will bring. This summer also brings the mixed blessing of summer school where she is studying English. "It's fun right now," she says. "I am writing essays and learning all the details that I need to know to write better in school and then in college."

She is a young woman with a plan. "If I become a nurse, I want to go to Texas Tech for college," she says with a big smile.

Aida has no recall of the telemedicine consult that kept her alive 16 years ago. She only knows what her parents have related to her. But she also knows she has a page in the medical history books.

Right: Aida bats for the Presidio Lady Devils. Her favorite position to play is second base.



Above: Last year, Aida marked her fifteenth birthday with a Quincenera, the traditional Hispanic celebration to welcome a young lady into society.



Left: Dr. Luecke, in 1990, gives a "thumbs up" over the airwaves to end the neonatal consult that brought advanced care to Aida from 300 miles away.



Texas Lieutenant Governor David Dewhurst (left) visited TTUHSC in mid April 2006, for an update on the Health Sciences Center's research activities and use of technology to bridge the distances of West Texas. Don McBeath and Dr. Patti Patterson demonstrate the capabilities of the telemedicine system, linking to the school-based clinic in Hart, Texas.

Big Bend network update

U.S. Congressman Henry Bonilla was recently successful at securing funding in the proposed 2007 federal budget for an extensive telemedicine network to improve health care in the Texas Big Bend region. The network would expand the Texas Tech University Health Sciences Center telemedicine network across that region and provide video connections between Big Bend Regional Medical Center in Alpine with many other Big Bend communities. The funding has been approved the U.S. House Appropriations Committee, but must still be approved by the full House and the Senate. According to Representative Bonilla's office there is still a chance the funding could be removed from the proposed budget, but approval by the House Appropriations Committee was a big step. The 2007 federal budget will probably not be approved until late fall.

Rural Scholars cont'd from page 3

worked in a pharmacy as an after-school job. "I have always wanted to work in the health care field, but when I saw the interaction between the patient and the pharmacist during my high school job, I was sold on that field."

Merritt, a psychology major with a chemistry minor, is from Dimmitt, Texas—so she is well aware of the impor-

tance of health care in rural areas.

"I am interested in hospital pharmacy, but coming from a small town, I don't have a lot of experience with the other options out there so I am excited to learn about those as well," she explains.

"I'm really excited," she adds. "I'm finally getting to do what I've been wanting to do since high school—learn about pharmacy."

Focus On

COMMUNITY HEALTH

The tale of two towns: Presidio, Texas is a small town lived in by farmers since the year 1500. Population: 4,877. Ojinaga, Chihuahua, Mexico, is a town founded by the Pueblo Indians in the year 1200 and called the "Pearl of the Desert" by visiting Spanish explorers in 1535. Population: 25,000.

Two very different towns straddling the Rio Grande River and the U.S.-Mexico border, they are also two neighboring communities that are working closely together to address the issues of health care availability and quality of care for their residents. The Presidio-Ojinaga Binational Health Council (POBHC) was organized by the Texas Department of State Health Services (DSHS) Office of Border Health Region 10 in 1997 to examine the health needs of the two communities and is now one of the most active Councils along the border.

"The council addresses health-related issues that occur along the border in our area," explains Dora Lopez of the Office of Border Health Region 10. "Activities range from diabetes projects to immunizations and emergency management."

Projects that the POBHC has implemented have been far-ranging, from car seat donations and inspections to flu shots and smallpox vaccine training. Other projects have included the beginnings of an Emergency Preparedness Agreement between Ojinaga and Presidio in case of a bi-national disaster.

Additionally, the Council frequently hosts visits from medical students at the Texas Tech University Health Sciences Center-El Paso campus who are interested in medical careers serving border communities.

The Council's commitment to provide health services to the communities in Presidio County remains a high priority. While the community of Presidio does not currently have a physician, the community is actively looking for someone to provide health services to the residents of Presidio and the surrounding area.

"The POBHC has received several recognitions, including the 2000 TDH Board of Health Award, for its work," adds Dora. "We work hard to improve the health of the communities that we serve."



AHEC Update

WEST TEXAS AREA HEALTH EDUCATION CENTER PROGRAM

Student Rural Health Organization expands

The Student Rural Health Organization (SRHO), created four years ago to provide professional community for students at Texas Tech University Health Sciences Center who are interested in rural practice, is broadening its scope to include more emphasis on community service. The newly renamed organization, the Double T Health Service Corps, will have as one of its foci the professional development of its student members through volunteer work in underserved communities and with underserved populations, both urban and rural.

The Double T Health Service Corps will continue to foster relationships between students working toward careers in different health disciplines, enabling them to understand how each of their roles function together in the community health care setting. The Corps will not only strengthen students' ties with rural and underserved communities across West Texas, it also will foster their personal appreciation for the value of community service.



Above Left: SRHO students plant shrubs outside of the West Texas Medical Center in Denver City.



Above Right: (From left, clockwise) Sarah Kidd (pre-nursing), Melissa Ames (pre-physical therapy), Shaunda Eady (speech language pathology), Brandon Broome (medicine), Heath Cotter (medicine), Leigh Wilson (pharmacy), and Mary Klein (pharmacy).

Service projects for the Corps will range from manual labor projects that help to develop communities and health care organizations to projects that promote healthy living. Student leaders in the Corps will help identify and develop service projects, enhancing their understanding of the broader applications of community health service.

The Student Rural Health Organization has a membership of more than 70 health professions students at the TTUHSC campuses in Amarillo, Lub-

bock, and Midland-Odessa.

The SRHO, now the Double T Health Service Corps, is open to all students at Texas Tech University and Texas Tech University Health Sciences Center.

For more information about the Corps, or how the Corps can work with your community on a service project, call the Institute for Rural and Community Health at 806.743.1338 or email Shannon.kirkland@ttuhsc.edu.

AHEC of the Plains honors rural “Nurse of the Year”



Above: Cindy Burlison (left), center director for AHEC of the Plains, presents Lee Ann Fraser (center) with the ARNOTY Award. Shalena Hodge, administrator, nominated Fraser.

The AHEC of the Plains recognized Lee Ann Fraser, RN, director of nursing at Stonewall Memorial Hospital in Aspermont, as the first ARNOTY (AHEC of the Plains Rural Nurse of the Year) recipient. The ARNOTY selection committee was made up of directors of nursing from the region. Shalena Hodge, hospital administrator, who nominated Fraser, says that her care for the community goes beyond her exceptional work in the hospital. “Lee Ann has been very involved in promoting good health in the community. She works with the school nurse to host a kids’ summer asthma camp; she continues to work with local restaurant owners to encourage them to shift to non-smoking facilities; and she has orchestrated a community-wide disaster drill, including training in hazardous materials, bioterrorism, and CPR.”

Outstanding nurses who were also recognized for their commitment to care in rural communities include Thelma Beasley (Childress), Celeste Contrares (Plainview), Ashlee Davis (Denver City), Coralyn Dillard (Plainview), Ruth Elliott (Childress), Ernestine Evans (Morton), Cynthia Gunter (Olton), Suzan Parker (Denver City), Carolina Rivas (Plains), Misty Sanchez (Denver City), Greta Smallin (Ralls), Helen Teeple (Plainview), Sherry Thornton (Tulia), and Ana Zambrano (Plainview).

Students gain valuable experience thanks to local community partners' support

Junior Volunteers Program

Right: The Denver City Junior Volunteers celebrate a semester of service in the Yoakum County Hospital. High school students volunteered a total of 458 hours in the hospital. Priscilla Mares, from Plains, received the JV Award for Most Service, completing 114 hours of service in the physical therapy department. Priscilla received a scholarship from the AHEC of the Plains and from Yoakum County Hospital, where she plans to return to work after completing her education to become a physical therapist. She will be attending South Plains College in the fall. **Pictured:** (from back, clockwise) Chelsea Stroud, Jimmie Minchew, Kristin Tovar, Beverly Mills (hospital JV coordinator), Priscilla Mares, Danielle Quezada, and Jacee Carter.



Job Shadowing in Rural Communities

Left: Six Hedley High School students attended Panhandle AHEC's Job Shadow Day at Pampa Regional Medical Center just northeast of Amarillo. Students spent the day touring the facility and learning more about the different departments ranging from physical therapy to psychiatry to nuclear medicine. Many thanks to Pampa RMC for supporting the project and helping prepare the Panhandle's future health care work force. **Pictured:** Denise Daves, RN, (at right) the hospital's chief nursing officer, orients the Hedley students to the nursing activities at the hospital. Students pictured (from left) are Hailey Cariveau, Andrea Musick, Kayla Klinger, and Megan Hall.

Health Careers Summer Camps

Right: High school students across West Texas have the opportunity to participate in Health Careers Summer Camps hosted by the Area Health Education Centers of the West Texas AHEC Program. **Pictured:** Sandra Caballero, (left) an instructor in the Texas Tech University Health Sciences Center's Clinical Simulation Center shows students Haley Sprague (from Darrouzett), Melissa Shadix (Amarillo), Joy Al-Ag (Follett), and Tyler Case (Groom) how nurses and doctors monitor patient vital signs and heart rhythms. Students tour the TTUHSC gross anatomy lab and clinical simulation center as part of their community-based experiences. Students also have the opportunity to job-shadow in rural hospitals across the region, learn CPR and first aid, and tour various health education training programs. The Panhandle AHEC's summer camp was held in early June 2006. Summer camps for AHEC of the Plains and Big Country AHEC will take place in July.



Regional Career Expos for Students

Left: The Panhandle AHEC in Amarillo recently co-hosted the "Top of Texas" Career Expo on May 3 at the West Texas A & M University campus. The event was open to sophomores in the ESC Region 16 area to encourage them to review career opportunities from local colleges, universities and businesses. More than 2,300 students and approximately 100 businesses and higher education institutions attended the event. The event was co-sponsored by the Region 16 Education Service Center, Amarillo Independent School District, Panhandle Regional Planning Commission, Panhandle Tech Prep, Texas Workforce Centers, and West Texas A & M University's College Talent Search.

Farm Safety Day Camp

Right: On June 29, South Plains area elementary-aged students participated in Farm Safety Day Camp, hosted by AHEC of the Plains and the Texas Department of State Health Services. The camp teaches children about topics ranging from large animal safety to tractor safety. More than 200 children attended this year's camp. AHEC of the Plains received a grant from the USDA Natural Resources Conservation Service Wes-Tex Resources Conservation and Development, Inc to host the camp. Farm Safety Day was established in 1995. **Pictured:** Camy Brunson, health careers promotion coordinator at AHEC of the Plains, talks about the importance of wearing sunscreen.



Alcohol abuse-not just a big city problem

Alcohol abuse and dependence are costly to many communities in terms of lower productivity, increased absenteeism, higher health care costs and other social and economic indicators.



According to the most recent study (2002) conducted by the National Center for Health Statistics, 54.9% of U.S. adults reported drinking alcohol within the previous month—and one-third of adult drinkers reported consuming five or more drinks in a day (meeting the definition of binge drinking). It is estimated that about 20% of men and 8% of women will meet criteria for alcohol dependence at some point in their life (Centers for Disease Control).

While alcohol abuse is about the same for adults in urban and rural areas, underage drinking is higher in rural areas, according to the 2002 National Survey on Drug Use and Health. In addition, youths aged 12 to 17 in rural areas reported lower levels of perceived risk from alcohol use and less perceived parental disapproval.

Alcohol consumption may be viewed as a continuum: it may be non-problematic or it can cause numerous negative consequences that directly affect physical and mental health and the community itself. Consequences can be long-term problems such as chronic alcoholism and liver disease, or acute such as alcohol-related vehicular crashes and deaths.

According to the American Psychiatric Association, these are some of the symptoms of alcohol abuse:

- Temporary blackouts or memory loss.
- Recurrent arguments or fights with family members or friends.
- Continuing use of alcohol to relax, to cheer up, to sleep, to deal with problems, or to feel “normal.”
- Headache, anxiety, insomnia, nausea, or other unpleasant symptoms when you stop drinking.
- Flushed skin and broken capillaries on the face; a husky voice; trembling hands; chronic diarrhea; and drinking alone, in the mornings, or in secret. These symptoms are specifically associated with chronic alcoholism.

If you do meet some of these criteria, please see your health care professional for help.

July 12	Core Disaster Life Support (CDLS, 4 hours)	Canyon, TX Contact: Erin Jarry, Panhandle
July 13	Basic Disaster Life Support (BDLS, 8 hours)	Canyon, TX Contact: Erin Jarry, Panhandle
July 13-14	CNA Training	Abilene, TX Contact: Mike Nall, Big Country
July 19, 20	Infant Adoption	Pampa, TX Contact: Erin Jarry, Panhandle
July 27-28	Trauma Nurse Core Curriculum	Lubbock, TX Contact: Jessica Patton, Plains
Aug 8	Infant Adoption	Wellington, TX Contact: Erin Jarry, Panhandle
Aug 9, 10	Understanding Infant Adoption	Hereford, TX Contact: Erin Jarry, Panhandle
Aug 15-17	Texas Rural Health Association Annual Conference	Austin, TX www.trha.org
Aug 17-18	Trauma Nurse Core Curriculum	Lubbock, TX Contact: Jessica Patton, Plains
Aug 21	Government Relations and Social Work	Abilene, TX Contact: Ronnie Laurancel, Big Country
Sept 20-22	Emergency Nurse Pediatric Course	Lubbock, TX Contact: Jessica Patton, Plains
Oct 5-6	Trauma Nurse Core Curriculum	Lubbock, TX Contact: Jessica Patton, Plains
Oct 17	Ethics	Abilene, TX Contact: Ronnie Laurancel, Big Country
Nov 2-3	Trauma Nurse Core Curriculum	Lubbock, TX Contact: Jessica Patton, Plains
Nov 29-Dec 1	Emergency Nurse Pediatric Course	Odessa, TX Contact: Cleveland Phelps, Permian

AHEC of the Plains 806.291.0101 Big Country AHEC 325.793.8484
Panhandle AHEC 806.651.3480 Permian Basin AHEC 432.685.8306

Visit our websites at www.westtexasahec.org and www.ttuhscc.edu/ruralhealth.



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