



TEXAS TECH UNIVERSITY

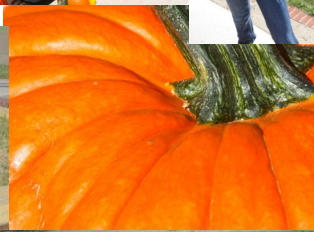
# Wind Science and Engineering Research Center™

Bi-Weekly Newsletter: Faculty, Staff, and Ph.D. Student Updates

## It's time for Halloween...and that means Pumpkins!



**United**  
Supermarkets



Many thanks to United Supermarkets and Shelby Cruz for their kind donation. Additionally, Dr. Schroeder and Kelsey Seger also donated to the cause.

The most creative pumpkin carving prize was awarded to ATMO student Ashley Morris. Thanks to all who joined in the fun. Happy Halloween!

## WiSE and ATMO Students Travel South to Spread Word of Program to Potential Scientists of the Future



WiSE and ATMO students participated in Hispanic Engineering, Science and Technology week at the University of Texas-Pan American in Edinburg, Texas.

Students included WiSE student Rich Krupar and ATMO students Jennifer Daniel, Scott Gunter, and Natalie Gusack.

Held over four days, these students represented TTU in the "Middle School Challenge" where approximately 1,000 grade schoolers watched demonstrations of StickNet and the TTUKa mobile radar. Great job!

*Photo from Dr. Chris Weiss.*

## New Weiss-lette in town!



Congratulations are due to WiSE faculty affiliate Dr. Chris Weiss and Stephanie Weiss who welcome Aaron Scott Weiss on October 08. Aaron weighed 7lbs 7 oz and was 19 1/4" long with lots of brown hair. All are doing fine.

## WiSE Ph.D. Student Pat Skinner Wins AMS Conference Recognition

WiSE Ph.D. student Patrick Skinner was awarded an Honorable Mention for his oral presentation at the 35th American Meteorological Society Conference on Radar Meteorology in Pittsburgh, PA. The paper was titled "Ka and X-band Radar Observations of Multiple Rear-Flank Downdraft Surges and an Intense Near-Surface Vortex on 18 May 2010."



**Great job, Pat!**

## StickNets Featured on National News Website



**INNOVATION**  
NEWS DAILY

The StickNet system, a versatile rapid-deployment 2.5 m meteorological observing platform that was developed by TTU faculty and students, has been recognized by Innovation News Daily, a website that is part of TechMediaNetwork which publishes high quality content that reaches 71 million readers monthly. The website's content is also syndicated to major media partners such as Yahoo, CBS News, MSNBC.com *et al.*

The StickNet system was heralded as one of the Top Seven Hurricane Research Devices.

**Congrats to all involved!**

## How about that Haboob?

Monday's historical weather event created news across the country for Lubbock. Featured on multiple national media outlets, blogs and social media, the haboob was spectacular for its size.

For curious cats, the term "haboob" ("strong wind" or "violent storm") is an Arabic term for a giant cloud of dust, and comes from the Arabic verb *habb* which means "to blow". According to Encyclopedia Britannica, it's first known use was in 1897.



Photo Credit: John Holsenbeck, NWS LBB.

## Dissertation Defense on Friday: Amber Emory

WiSE Ph.D. candidate Amber Emory (formerly Reynolds) will be defending her dissertation on Friday, October 21, at 3 p.m. in TTU BA rm 259. The title of the dissertation is "The Collapse of Transitioning Mesoscale Convective Systems off the Coast of West Africa and Links to Downstream Tropical Cyclogenesis".



Amber is currently a co-op student at NASA Goddard Space Flight Center where she has worked since January 2009. Her research interests involve ground-based, airborne, and satellite radar meteorology, tropical cyclogenesis and rapid intensification, and ground validation measures for the Global Precipitation Measurement Mission. She received her B.S. in Meteorology in 2004 from Penn State, and her M.S. in Atmospheric Sciences in 2007 from Texas A&M. She began the WiSE Ph.D. program as an NSF IGERT in 2007. She currently lives in Greenbelt, MD, with her husband, Ben, and their two dogs, Fuji and Cal.

***All interested parties are invited to attend and show support.***