Texas Emerging Technology Fund Announcement by Gov. Rick Perry: On July 26th, Gov. Rick Perry, along with Texas Tech University President Dr. Guy Bailey, and Chancellor Kent Hance, announced the $8.4 Million award from the Texas Emerging Technology Fund (TEFT). The grant will help create The National Institute for Renewable Energy (NIRE). NIRE will receive $2 million in support of its plans to design, construct and operate research wind farms, selling the power generated in the commercial marketplace to fund a non-profit research center. NIRE also will provide services to industry partners and offer an industry consortium, which will be managed by The Wind Alliance. Texas Tech and its wind research organizations will receive $6.4 million of the award. For more information on this award, TEFT, and TTU’s plans, check out the following sites: http://www.governor.state.tx.us/news/press-release/14931/ & http://today.ttu.edu/2010/07/gov-perry-announces-8-4-million-award-to-create-renewable-energy-institute-2/

Initial plans for the Texas Tech-led coalition and national institute include:

- Facilitating technology development to further decrease the cost of wind energy and other renewable energy sources and to develop and optimize energy storage technologies
- Hiring additional world-class renewable energy scientists at Texas Tech to direct research
- Purchasing mobile equipment to map wind flows and help design more efficient commercial wind farms

Gov. Perry announces that TTU will receive $8.4M to increase wind energy research.

WISE Ph.D. Students set to Graduate: Two Wind Science and Engineering doctoral students are set to graduate this August, Tanya Brown and Ian Giammanco will be hooded on August 7th at 9am in the United Spirit Arena.

Dr. Tanya Brown’s dissertation was titled “Development of a Statistical Relationship between Ground-Based and Remotely-Sensed Damage in Windstorms” and her committee included dissertation chair Dr. Daan Liang in Engineering Technology, Dr. Arn Womble in Civil Engineering, Dr. Byungtae Seo in Mathematics and Statistics, and Dr. Zhangxi Lin in the Rawls College of Business. Dr. Brown has recently accepted and started a research engineering position at the Institute for Business and Home Safety’s newly created research laboratory in Richburg, South Carolina where they will conduct hail impact tests of roofing and siding assemblies. The WISE Center Faculty, Students, and Staff all wish Dr. Brown the best in her future endeavors!

Dr. Ian Giammanco’s dissertation was titled “An Observational Study of Tropical Cyclone Low-Level Wind Maxima” and his committee included dissertation chair Dr. John Schroeder in Atmospheric Sciences, Dr. Chris Weiss in Atmospheric Sciences, Dr. Doug Smith in Civil Engineering, and Dr. Mark Powell at NOAA’s Hurricane Research Division. Dr. Giammanco has recently accepted a post-doctoral research position funded by Chevron studying hurricane winds and will be in Lubbock through hurricane season to continue his efforts with TTU’s Hurricane Research Team. The WISE Center Faculty, Students, and Staff all wish Dr. Giammanco the best in his future endeavors!

Congratulations Graduates!
Dr. Jamie Chapman and WISE Ph.D. student Kuangmin Gong meet up at Vestas. Mr. Gong is currently completing his internship at Vestas R&D in Houston, TX.

**Atmospheric Science welcomes two new faculty members:** Dr. Eric Bruning comes from the University of Maryland where he has been a Research Associate since June 2008. He received his Ph.D. from the University of Oklahoma. Dr. Bruning’s research interests are in the area of cloud and precipitation microphysics and addressing the problems of storm electrification and lightning.

Dr. Song-Lak Kang comes from NCAR where he has been a Postdoctoral Fellow. He received his Ph.D. from Penn State University. Dr. Kang’s research interests are in boundary layer meteorology and its applications to wind power.

**WISE Office Changes:** Just an update- if you are looking to find Kelsey Seger, she’s now located in CE 107. Cynthia Barbosa, the NSSA’s right hand, is in CE 109. When calling the main office line, please dial extension 332 to talk to our Business Assistant Patricia. Dialing 0 or 338 will send you to a Wind general mailbox. Thanks!

**“The Great Tornado Chase” on Texas Tech Today:** An article published by Texas Tech Today can be found online [http://today.ttu.edu/2010/07/the-great-tornado-chase/](http://today.ttu.edu/2010/07/the-great-tornado-chase/) It outlines the entire VORTEX2 journey this past summer, as well as the Atmospheric Science program, the WISE Center, and three videos about VORTEX2.

**TTU Hurricane Research Team T-Shirts Available:** Ian Giammanco has the Hurricane Research Team’s T-shirts for sale for $12. If you would like one, please email ian.giammanco@ttu.edu with your size. Cash is preferred; checks should be made out to Ian. Shirts are grey background. Front:

The WISE Center would like to welcome Dr. Eric Bruning.

The WISE Center would like to welcome Dr. Song-Lak Kang.

Back: