



TEXAS TECH UNIVERSITY

# Wind Science and Engineering Research Center™

E-Newsletter for Faculty, Staff and Ph.D. Student Updates

## SWiFT Project Moving Forward...



Progress is taking place in the preparation for the commissioning of the SWiFT facility, a new research project involving TTU with collaborative partners from Sandia National Laboratories, Vestas, and Group NIRE. The SWiFT facility will allow participating partners to investigate turbine-to-turbine interactions and innovative rotor technologies.

The site will start with two V27 turbines deployed by Sandia National Laboratories, and a third belonging to Vestas, a leading wind manufacturer. All three towers have been erected and nacelles have been landed. Rotors will soon be installed and specialists are currently working on the wiring of the turbines so that they can communicate as part of the *smart wind farm* concept.

*Photo credit: Anna Thomas Young (WiSE).*

## WiSE Wednesday Lecture Series - Spring 2013 Edition



The Spring 2013 WiSE Wednesday Lecture Series continues, the most recent speaker being WiSE Ph.D. student Jianjun Luo who covered the topic of "The Evaluation of Temporal Reliability of the National Tornado Base".

**Note:** There will be no WiSE Wednesday the week of Spring Break (March 13), but the series will continue on March 20 with Carol Trigg from the TTU Career Center.

**Save the Date:** The final speaker of the McDonald-Mehta Lectures Series Dr. Walter Gillis Peacock will be featured on April 17 at 3:30 p.m. See you there!

## WiSE Ph.D. Program Applicants Arrive on Campus...



Three applicants hopeful for acceptance into the WiSE Ph.D. program in 2013-2014 academic year visited TTU campus the other day. Applicants included Mark Harrel (light blue shirt in left photo) and Ying Chen (dark jacket on left in photo on right). Not pictured is WiSE Ph.D. program applicant James Duncan. Thank you to all who were involved in making this process go smoothly.

## WiSE and ATMO Students and Faculty Promote Safety at National Severe Weather Awareness Day



Students and faculty from both WiSE and ATMO pitched in to help make Lubbock and the surrounding communities a little safer in regard to severe weather.

The annual event was held at the Science Spectrum, and included hands-on weather experiments for kids of all ages.

(Above) - ATMO's Dr. Brian Ancell and ATMO MS student Tim Cermack (black shirts behind the table) provide ongoing demonstrations about some of the science of severe weather.



Thanks to all who were involved.