



TEXAS TECH UNIVERSITY

# Wind Science and Engineering Research Center™

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

## McDonald-Mehta Lecture Series #3: Dr. William Devenport

Dr. William J. Devenport, Professor and Director of the Stability Wind Tunnel, Department of Aerospace and Ocean Engineering at Virginia Tech University, visited TTU Lubbock campus recently as a guest of the ongoing McDonald-Mehta Lecture Series 2012.

Dr. Devenport's lecture was titled "Wind Tunnel Testing of Wind Turbine Blade Sections" which featured Virginia Tech's new hybrid wind tunnel configuration which has resulted in Virginia Tech being one of the very few wind tunnel where aeroacoustic testing of wind turbine blade sections can be performed at, or close to, full scale conditions. This development has not only provided new research capability and a unique testing venue for wind turbine manufacturers, but has also established wind turbine blade testing as part of the undergraduate educational experience in Aerospace and Ocean Engineering at Virginia Tech.

*(Right) Dr. Devenport reports on his research at the third and final lecture in the 2011-2012 McDonald-Mehta Lecture Series.*



## Annual Student Evaluations are DUE!



*(Above L-R) - Dr. Kishor Mehta and Mary Ann Mehta.*

The Annual Student Evaluations for the Doctoral Program in Wind Science and Wind Engineering will be held on Tuesday, May 22 and Wednesday, May 23.

**Faculty:** we need your help in evaluating the students. Please contact Kelsey Seger to sign up for a spot on one of those days.

**Students:** if you have not already signed up for your spot, please email Kelsey Seger immediately.

**N.B.:** The **Mary Ann and Kishor Mehta Endowment** will offer two prizes this year in the amount of \$2,500 to the two students who have made the most progress in their academic work.

**Thanks!**

## WiSE and ATMO have Strong Attendance at Hurricane Conference



WiSE and ATMO had a strong attendance at the recent 2012 American Meteorological Society Hurricane Conference at Ponte Verde Beach, FL. This was the 30th Conference on Hurricanes and Tropical Meteorology and was held from 15-20 April.

*(L-R): WiSE Ph.D. student Rich Krupar III, TTU ATMO grad Dr. Sylvia Lorsolo, WiSE Director Dr. John Schroeder, WiSE grad Dr. Ian Giammanco, ATMO grad Dr. Brian Hirth, ATMO grad Dr. Brian Zachary, and WiSE grad Tim Marshall. (Thanks to Tim Marshall for the photo.)*

### WiSE Wednesday:

Mr. Atiqul Islam, Ph.D. student in Electrical Engineering at TTU, presented his research on “Wind Turbine Grid Integration and Model Validation in ERCOT and SPP” on Wednesday. Good job!



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