



NWI hosts Open House to say “Thanks!”



NWI recently held its Open House to express our gratitude to all involved in the integration of WiSE and TWEI.

We are very appreciative of our students, staff, faculty, and administrators for the support in progressing the TTU wind enterprise.

Thank you!

(Image L-R): Destiny Vasquez, Graduate Student; Corbin Black, NWI Student Assistant; Matt Saldana, NWI Instructor; and Kacey Young, Academic Advisor.)

TTU/NWI Welcomes Dr. Westergaard

Dr. Carsten H. Westergaard has joined the NWI team as Professor of Practice in the department of Mechanical Engineering at Texas Tech University, and as a faculty affiliate of the National Wind Institute.

Dr. Westergaard has worked in the international wind turbine field for almost twenty years, and comes from Houston where he is President/Owner of NextraTEC, Inc., a consulting company to renewable energy companies and suppliers. He earned his Ph.D. from the Danish Technical University with a thesis on optical computing and laser-based turbulent flow measurements.

He has served in a wide variety of management roles, including technology, sales and marketing, working for LM Wind Power, Dantec Dynamics, Force Technology and Vestas Wind Systems in Denmark and Houston. Additionally, he performed numerous merit reviews for the U.S. Department of Energy and has been an expert witness in a \$100M legal case.

During his industrial career, he has written more than 50 publications and has more than 20 patents (published and pending). Dr. Westergaard has served in numerous advisory board positions and chaired international reviews of large multi-year government research programs in several countries. Welcome aboard NWI, Dr. Westergaard!



TTU Wind Energy Students Awarded Scholarships



(Above) - Rylan Ky Stone.

Two TTU undergraduate students studying wind energy have been awarded \$2,500 scholarships from the Gulf Coast Power Association. Caitlin M. Jones (right) and Ryan Ky Stone (left) were both awarded the David Olver Memorial Scholarship, financial awards which will help to fund the students' tuition and fees.

According to Kelsey Seger, Unit Assistant Director at NWI, both of these students are leaders on campus: "We expect great things from them in the future!"



(Above) - Caitlin M. Jones.

Congratulations to both students!

Discovery Across Texas Battery Commissioning Ceremony Scheduled for Fri 10/18



Group NIRE and CCET are hosting the Discovery Across Texas project battery commissioning ceremony. The Discovery Across Texas project is a collaborative research and demonstration initiative aimed at advanced energy efficient grid technologies that is led by the Center for the Commercialization of Electric Technologies (CCET), Texas Tech University, Group NIRE and several other partners.

The commissioning ceremony of the 1 MW Samsung SDI/Xtreme Power grid scale battery at the Reese Technology Center will take place on Friday, October 18 at 9 A.M.

We look forward to seeing you there!

NWI Wind Tunnel Renovations Underway



Change is underway for the wind tunnel at NWI research facility Building 250 at Reese. The aerodynamic section of the wind tunnel has been pretty beaten up over the years, so both the floor and the ceiling are currently being rebuilt. Parts of the floor and the ceiling will be replaced by aluminum slabs to enable easier and more rigid mounting of the supports for wind tunnel models. The rest of the floor and the ceiling have brand new plywood because these parts of the section had too many undesirable holes. The renovations will also help prevent intrusive usage of the wind tunnel. (Thanks to Jeff Livingston for his hard work on this project.)

(Text Credit: Dr. Delong Zuo, Associate Professor, NWI.)