

Engineering Career Day

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23 FEBRUARY 18

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(Right) Students register and show off their wind turbine.

Laureen Borocharner, USACE Jacksonville District Engineering Division Chief, and a team of District and SAME volunteers led by Coastal Engineering Section Chief, Kevin Hodgins participated in the Society of American Military Engineers Engineering Career Day event on 23 February.

(Left) Teams arrive the day of the event.

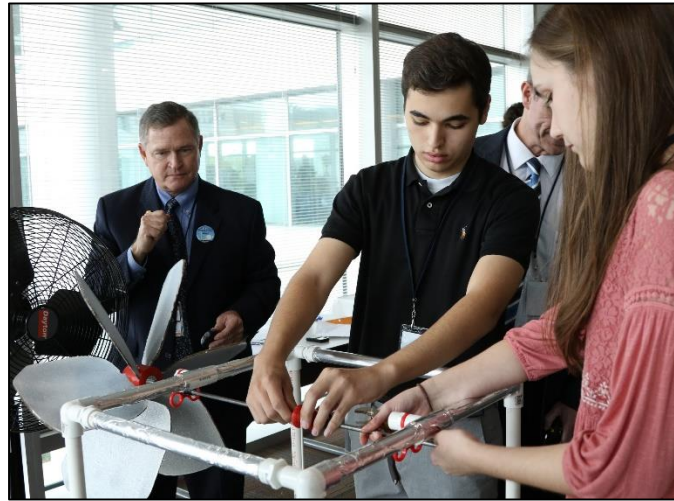


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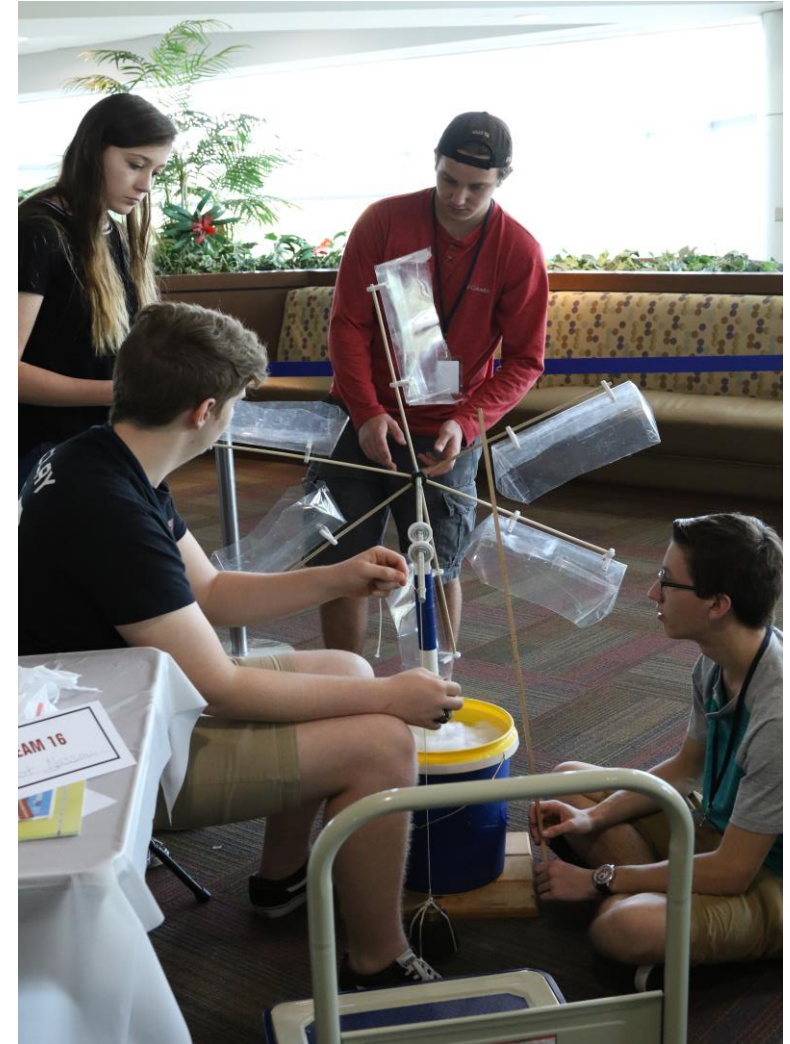
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Ten schools including approximately 90 students, organized in four-person teams, participated in this year's take-home challenge to design a wind turbine. Judges tested the projects by timing and measuring the distance the turbine was able to raise a weight.



(Middle) Judge Tom Fallin (Jacksonville City Engineer) directs testing of a wind turbine.

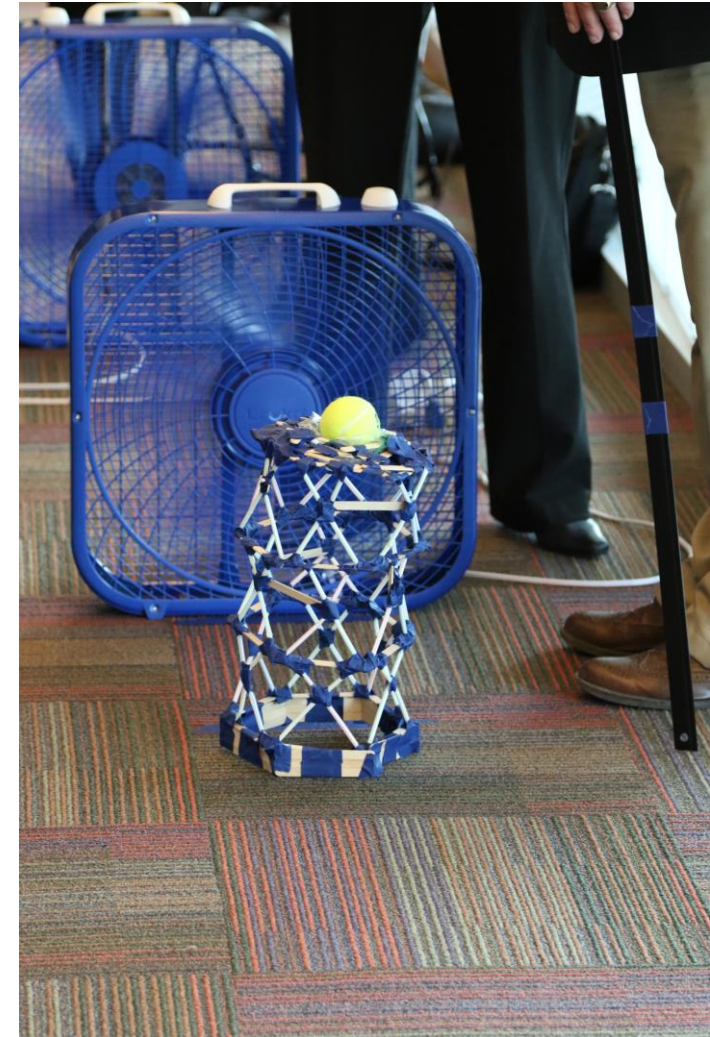


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(Above) A student team works on the surprise problem which required construction of a tower that could withstand loading under varying wind speeds. Innovative tower design undergoing testing (right).



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Booth exhibitors, including local firms and Florida universities, contributed to the event with interactive displays to answer student questions about STEM careers.



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Points awarded as part of a scavenger hunt ensured maximum exposure of students to exhibitors.



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Guest Speaker, Dr. Jennifer Bridge presents the wind engineering research University of Florida is pursuing.



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Students from Northeast Florida schools demonstrated applied engineering problem solving skills to compete for the coveted overall trophy and individual event team STEM awards.



LTC Timika Wilson, USACE Jacksonville District Acting Commander and Executive Officer Gil Manalo, NAVFAC SE, present the overall winners, Bishop Kenny High School (Team B), with the coveted trophy.