

SENATE RESOLUTION No. 1871

A RESOLUTION congratulating and commending the Baldwin High School design team for being named national champions in the Real World Design Challenge.

WHEREAS, The Baldwin High School design team was named the national champions of the Real World Design Challenge. The national challenge event was held at the National Air and Space Museum in Washington, D.C. in April; and

WHEREAS, The Real World Design Challenge is an annual high school competition run by a public-private partnership with the goal of sustainably increasing the Science, Technology, Engineering, and Mathematics (STEM) workforce. The Real World Design Challenge began in 2008 through a partnership between industry, government, academia, and non-profit. The partners are focused on working within the context of the American educational system to transform STEM education in the United States by providing professional science and engineering and learning resources to students and teachers; and

WHEREAS, This year-long competition challenges high school students to solve real problems faced by the engineering industry. This year, the teams were presented with computer-designed fuselages and asked to digitally design tail sections and wings to complete a light-aviation aircraft. Teams then had to demonstrate their designs could take off from Kitty Hawk, North Carolina, and fly to Dayton, Ohio, and land; and

WHEREAS, The Baldwin High School team and the other two top teams from Nevada and Pennsylvania were selected from the 31 teams that presented in the national's first round at the National 4-H Center in Chevy Chase, Maryland. The three teams then faced off at the Smithsonian Air and Space Museum's IMAX Theater; and

WHEREAS, The Baldwin High School team used a sail-plane wing in their design, earning the top award for its safe and fuel-efficient aircraft which got 66.4 miles to the gallon; and

WHEREAS, The Baldwin High School team has been equally successful since the inception of the Real World Design Challenge, being the only team to win the national competition twice. In addition to this year, the team earned first place in 2010. The team also received third place in 2011; and

WHEREAS, This year's team members are Kaitlyn Barnes, Abby Clem, Carrie Deitz, Quint Heinecke, Mackenzie Johnson and Austin Kraus. The team coach is Pam Davis, Baldwin school district extended learning teacher, and the team mentor is Sandy Barnes: Now, therefore,

*Be it resolved by the Senate of the State of Kansas:* That we congratulate the Baldwin High School design team for being named national champions in the Real World Design Challenge in Washington, D.C., we commend them for setting an example of excellence for their peers and we extend our best wishes for their continued success and happiness; and

*Be it further resolved:* That the Secretary of the Senate shall send eight enrolled copies of this resolution to Senator Holland.

Senate Resolution No. 1871 was sponsored by Senator Tom Holland.

I hereby certify that the above RESOLUTION originated in the SENATE, and was adopted by that body

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*President of the Senate.*

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*Secretary of the Senate.*