

**No. R-443. House concurrent resolution congratulating Carl Fung on winning the National 2017 LEGO REBRICK SuperBots Contest.**

(H.C.R.369)

Offered by: Representatives Myers of Essex, Bancroft of Westford, Dunn of Essex, Giambatista of Essex, and Houghton of Essex

Whereas, LEGO REBRICK, an organization the Denmark-based LEGO Group created to conduct LEGO-centered competitions, sponsored the 2017 LEGO REBRICK SuperBots contest, challenging contestants “to construct a robot that helps its operator complete some task,” and

Whereas, the judges reviewed 82 entries from throughout the United States before awarding first place honors to an Essex High School senior, Carl Fung, for his adeptly named Gauntl3t (Gauntlet), a four-fingered arm that wraps around the operator’s hand, and

Whereas, the Gauntlet includes a sophisticated electrical control system, enabling the operator to perform different functions, including opening a door, lifting an eight pound weight, and even safely lifting an egg from a carton, and

Whereas, Carl Fung developed the Gauntlet while “fiddling around in school,” with no initial knowledge of or intent to enter the LEGO REBRICK SuperBots contest, and

Whereas, a challenging moment in the Gauntlet’s development occurred when he employed a death grip, his terminology for attempting to direct the Gauntlet’s thumb and forefinger to “reach their maximum rotation levels when gripping onto an object,” and

Whereas, in recognition of his achievement, LEGO REBRICK sent Carl Fung a congratulatory card and a custom-mini figure, one of only approximately 100 in existence, and

Whereas, these small awards supplemented Carl Fung’s primary prize, an all-expense paid trip to Copenhagen, Denmark, to attend the 2018 LEGO WORLD event, and the extraordinary opportunity to demonstrate the Gauntlet’s amazing powers before potentially thousands of spectators, and

Whereas, Carl Fung first experimented with LEGOs as a young boy, and his subsequent participation in robotics clubs enabled him to appreciate the fantastic applications that can result when motorized technology is added to LEGO creations, and

Whereas, this talented budding engineer hopes to continue his education at the University of Vermont, focusing on robotics and possibly mechanical engineering as well, now therefore be it

Resolved by the Senate and House of Representatives:

That the General Assembly congratulates Carl Fung on winning the 2017 National LEGO REBRICK SuperBots contest, and be it further

Resolved: That the Secretary of State be directed to send a copy of this resolution to Carl Fung.