



# State of Tennessee

## HOUSE JOINT RESOLUTION NO. 583

By Representative Ragan

and

Senators McNally, Yager

A RESOLUTION to honor and congratulate Cassee Cain upon winning the Team Grand Prize at the 2011 Siemens Competition in Math, Science, and Technology.

WHEREAS, it is fitting that the members of this General Assembly should salute those exemplary high school students who, through their natural talents and extraordinary efforts, have distinguished themselves in the areas of science and technology; and

WHEREAS, one such estimable student is Cassee Cain, who recently secured the Grand Prize in the team category of the Siemens Competition in Math, Science, and Technology; and

WHEREAS, the Siemens Foundation, a leader in the promotion of science, technology, engineering, and mathematics (STEM) education, launched the program in 1998, and the Siemens Competition has since become the nation's premier science research competition for high school students; and

WHEREAS, the competition, judged by a panel of nationally renowned scientists and mathematicians, hosted six individuals and six teams at its National Finals in December; and

WHEREAS, among those exceptional competitors were Cassee Cain and her teammate, Ziyuan Liu, of Oak Ridge, Tennessee; together, they won the \$100,000 Grand Prize in the team category for using new gaming technology to map and analyze human walking patterns, research that could potentially benefit prosthesis design; and

WHEREAS, the team's research project received the support and encouragement of mentors, Dr. John K. Mueller and Dr. Boyd McCutcheon Evans III of Oak Ridge National Laboratory; and

WHEREAS, a senior at Oak Ridge High School, Miss Cain is currently the drum major for her high school marching band, costume designer for the drama club, and a National Honor Society National Achiever; upon graduating, she plans to attend college and major in chemical engineering, with aspirations of becoming an oncologist; and

WHEREAS, through her hard work and ingenuity, Cassee Cain has made an invaluable contribution to medical technology research and brought great pride and honor to the State of Tennessee; and

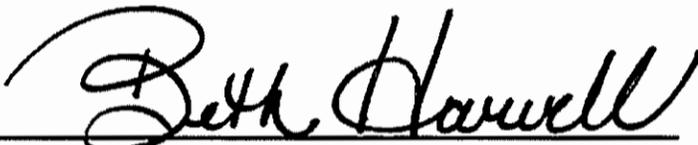
WHEREAS, this General Assembly finds it appropriate to pause in its deliberations to honor and congratulate this exemplary student on her accomplishments; now, therefore,

BE IT RESOLVED BY THE HOUSE OF REPRESENTATIVES OF THE ONE HUNDRED SEVENTH GENERAL ASSEMBLY OF THE STATE OF TENNESSEE, THE SENATE CONCURRING, that we hereby honor and congratulate Cassee Cain upon winning the Team Grand Prize at the 2011 Siemens Competition in Math, Science, and Technology and extend to her our best wishes for every future success.

BE IT FURTHER RESOLVED, that an appropriate copy of this resolution be prepared for presentation with this final clause omitted from such copy.

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ADOPTED: JANUARY 25, 2012

  
BETH HARWELL, SPEAKER  
HOUSE OF REPRESENTATIVES

  
RON RAMSEY  
SPEAKER OF THE SENATE

APPROVED this 26<sup>th</sup> day of January 2012

  
BILL HASLAM, GOVERNOR