

2015-J341

LEGISLATIVE RESOLUTION congratulating Beatrice Brown of John F. Kennedy High School upon the occasion of being named a semifinalist in the 2015 Intel Science Talent Search

WHEREAS, It is the sense of this Legislative Body to commend and pay tribute to those who, by achieving outstanding success in their educational and scientific endeavors, have inspired and brought pride to our majestic Empire State; and

WHEREAS, It is also the custom of this Legislative Body to recognize the dedication and commitment of our young people who distinguish themselves through excellence in science competition; and

WHEREAS, Attendant to such concern, and in full accord with its long-standing traditions, this Legislative Body is justly proud to congratulate Beatrice Brown of John F. Kennedy High School upon the occasion of being named a semifinalist in the 2015 Intel Science Talent Search; and

WHEREAS, Once known as the Westinghouse competition, the Intel Science Talent Search is the oldest of its type in the nation, and is the country's most prestigious science scholarship competition; and

WHEREAS, For more than 60 years, the Intel Science Talent Search has recognized and rewarded the country's top young science students; and

WHEREAS, Over the years, this competition has gained broad acclaim in the academic and scientific communities; educators, scientists, engineers and journalists throughout the United States have enthusiastically supported this annual event; and

WHEREAS, Six former Intel Science Talent Search competitors have gone on to win the prestigious Nobel Prize; and

WHEREAS, The Intel Science Talent Search was created to encourage high school seniors who demonstrate exceptional ability in science, math and engineering through individual research projects; and

WHEREAS, Colleges and universities regard the Intel Science Talent Search semifinalist award to be evidence of exceptional scientific promise; and

WHEREAS, Beatrice Brown, a senior at John F. Kennedy High School, was recently named a semifinalist in the annual Intel Science Talent Search which awards scholarships to recognize the outstanding science research of high school seniors; and

WHEREAS, Beatrice Brown's 2015 Intel Science Talent Search project was entitled, "Forecasting Hurricane Hazards for the Long Island Area"; her research looked at why storms with the magnitude of Irene and Sandy hit Long Island, New York; and

WHEREAS, Beatrice Brown further examined air circulation and water temperature at the surface of the Atlantic Ocean surrounding Long Island during six intense storms; in doing so, she set out to develop a hyper-local probability model that would predict, with a high degree of certainty, whether and when a hurricane would strike Long Island; and

WHEREAS, Beatrice Brown's results indicate that lower sea surface pressure and higher atmospheric circulation and water temperature correlated with major hurricanes that turned from their paths up the Eastern Seaboard into Long Island and the Northeast, causing widespread destruction; her model predicted the Atlantic hurricane cycle peaked off Long Island's coast around the time of Superstorm Sandy and is now "declining", if only "a little bit"; and

WHEREAS, It is appropriate to celebrate and applaud the individual accomplishments of remarkable students such as Beatrice Brown in this great Empire State; and

WHEREAS, This Legislative Body is justly proud to congratulate Beatrice Brown for her latest achievement, and for her noteworthy educa-

tional and scientific endeavors and achievements; her outstanding performance has clearly made a contribution to the spirit of excellence which is a tradition of her school and community; now, therefore, be it

RESOLVED, That this Legislative Body pause in its deliberations to congratulate Beatrice Brown of John F. Kennedy High School upon the occasion of being named a semifinalist in the 2015 Intel Science Talent Search; and be it further

RESOLVED, That a copy of this Resolution, suitably engrossed, be transmitted to Beatrice Brown.