

## 2015-J4721

LEGISLATIVE RESOLUTION congratulating Katharine Barr Berman of Hastings High School upon the occasion of being named a Finalist in the 2016 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 Katharine Barr Berman of Hastings High School upon the occasion of being named a Finalist in the 2016 Intel Science Talent Search; she joined 40 other students from across the country to compete for the Grand Prize; and

WHEREAS, The finalists competed in Washington, D.C., March 10-16, 2016; while there, the students underwent a rigorous judging process, talked with leading scientists, displayed their research to the public at the National Geographic Society, and met with national leaders; 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 almost 75 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 finalist award to be evidence of exceptional scientific promise; and

WHEREAS, Katharine Barr Berman, a student at Hastings High School, was named a finalist in the annual Intel Science Talent Search which awards scholarships to recognize the outstanding science research of high school seniors; and

WHEREAS, Katharine Barr Berman's 2016 Intel Science Talent Search project was entitled, "Effects of Calreticulin Mutations on Pathogenesis of Myeloproliferative Neoplasms" which is based on her participation in the Ross Levine Laboratory at Memorial Sloan Kettering Cancer Center's ongoing research studies regarding a particular cell mutation which may contribute to the development of acute myeloid leukemia, a disease that kills within six months; and

WHEREAS, Katharine Barr Berman's research suggests that Calreticulin (CALR) mutations cause the pathway to become overactive, leading to the excessive cell proliferation associated with Myeloproliferative neoplasm (MPN) patients; and

WHEREAS, After graduating from Hastings High School, Katharine Barr Berman plans on attending Yale University; and

WHEREAS, Katharine Barr Berman, the daughter of Lisa Barr and Mitchell Berman, volunteers her time and energy at a Hebrew High School and for Project SHARE; and

WHEREAS, A multi-talented student, Katharine Barr Berman is a member of the Hudsonettes kick line and is the Captain of her Varsity Tennis

Team at Hastings High School; in addition, she played oboe in the Area All-State Band and Orchestra; and

WHEREAS, Passionate about cooking, Katharine Barr Berman leads her School's Culinary Club and works as a line cook at a local restaurant; this remarkable young woman also teaches karate; and

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

WHEREAS, This Legislative Body is justly proud to congratulate Katharine Barr Berman for her latest achievement, and for her noteworthy educational 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 Katharine Barr Berman of Hastings High School upon the occasion of being named a Finalist in the 2016 Intel Science Talent Search; and be it further

RESOLVED, That a copy of this Resolution, suitably engrossed, be transmitted to Katharine Barr Berman.