

2013-J286

LEGISLATIVE RESOLUTION congratulating Nakul Gupta of Farmingdale High School upon the occasion of being named a semifinalist in the 2013 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 Nakul Gupta of Farmingdale High School upon the occasion of being named a semifinalist in the 2013 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, Nakul Gupta, a senior at Farmingdale High School in Farmingdale, New York, 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, Nakul Gupta's 2013 Intel Science Talent Search project was entitled, "Employing siRNA to Recruit KCNQ1 through microRNA Pathways: implications for Long QT Syndrome"; and
WHEREAS, For his project, Nakul Gupta focused on RNA silencing, KCNQ1 protein pathways, and cardiac disease; with the patch clamp apparatus, he measured the currents of potassium channels and analyzed the quantitative data; and
WHEREAS, Nakul Gupta's results indicated that this silencing RNA strand increased the amount of outward potassium current; this research can potentially lead to improved methods to study Long QT Syndrome and cardiac arrhythmia; and
WHEREAS, It is appropriate to celebrate and applaud the individual accomplishments of remarkable students in this great Empire State; and
WHEREAS, This Legislative Body is justly proud to congratulate Nakul Gupta of Farmingdale High School upon the occasion of his designation as a semifinalist in the 2013 Intel Science Talent Search, and for his noteworthy educational and scientific endeavors and achievements; his outstanding performance has clearly made a contribution to the spirit of excellence which is a tradition of his school and community; now, therefore, be it

RESOLVED, That this Legislative Body pause in its deliberations to congratulate Nakul Gupta of Farmingdale High School upon the occasion of being named a semifinalist in the 2013 Intel Science Talent Search; and be it further

RESOLVED, That a copy of this Resolution, suitably engrossed, be transmitted to Nakul Gupta.