



NEW YORK STATE SENATOR

Andrea Stewart-Cousins

## Senator Stewart-Cousins Congratulates Finalist & Semifinalists in the Intel Science Talent Search 2016 Competition

ANDREA STEWART-COUSINS May 31, 2016

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Yonkers, NY - Senator Andrea Stewart-Cousins congratulated and presented Senate Resolutions to Katharine Barr Berman of Hastings-on-Hudson High School, Philip Lee from Ardsley High School and Nikolas Kos Greenwald of Dobbs Ferry High School for their outstanding success in the 2016 Intel-Science Talent Search.

- 18 year old Katharine Barr Berman was named one of 40 finalists across the nation and went to Washington, D.C. to publicly present her project, “The effects of Calreticulin Mutations on Pathogenesis of Myeloproliferative Neoplasms.” She researched a protein in a blood cell that is connected to an aggressive form of leukemia.
- 18 year old Philip Lee was named one of 300 nationwide semifinalists for his project, “Increased Capacity Needs and the Effects of CBTC Installation on the NYCTA’s Subway System.”
- 17 year old Nikolas Kos Greenwald was also named a semifinalist for his project, “Improving Singing Synthesis through Survey Administration and Job Plugin Development for the Vocaloid Editor™.”



“This is an incredible honor for Katharine and I commend Philip and Nikolas for their great success in the Intel-Science Talent Search,” said Senator Stewart-Cousins. “Katherine, Philip, and Nikolas are fine examples for their peers and I congratulate them, their families, their teachers and administrators for this extraordinary achievement. I look forward to seeing what else they will accomplish in the years to come.”

In addition to today’s presentations Senator Stewart Cousins also sent Senate Resolutions to both Aaditya Jain of Edgemont High School for his project about smooth muscle contractions and the ionic gradients and membrane connections to asthma and

hypertension using disulfide crosslinking methodology of substituted cysteine (Cys) residues and to William Widman of Edgemont High for his project on the effects of memory T cell depletion on combined liver and bone marrow transplantation and the mechanisms behind rejection.

The Science Talent Search is the nation's most prestigious pre-college science competition. Finalists compete for \$1 million in scholarship grants, and each semifinalist and school receives a \$1,000 scholarship.