



MEDIA ADVISORY

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Santa Clara County students named as finalists in Intel Science Talent Search

SAN JOSE, CA – Five high school seniors from Santa Clara County have been selected as finalists in this year's Intel Science Talent Search, the nation's oldest and most prestigious pre-college science competition. The following students will be honored in Washington, D.C. in March:

Karthik, Anjini

St. Francis High School, Mountain View, CA

Rapid and Selective Detection of Viruses Using Virus Imprinted Polymer Films

Ma, Jonathan

The Harker School, San Jose, CA

Genomics-Based Cancer Drug Response Prediction through the Adaptive Elastic Net

Sayana, Anin

Bellarmino College Preparatory School, San Jose, CA

Accelerating Cancer Immunotherapy: Optimization of an EGFRvIII-based Cancer Vaccine via Computationally-Aided Analysis of Proteasome Processing for Improved Glioblastoma Prognosis

Srinivas, Pranav

Monta Vista High School, Cupertino, CA

Boolean Network Modeling for Systematic Identification of Deregulated Pathways and Anticancer Drug Resistance

Varma, Maya

Presentation High School, San Jose, CA

A Wireless Smartphone-Based System for Diagnosis of Pulmonary Illnesses

All five students are past or current participants of the [Synopsis Championship](#), Santa Clara County's Science and Engineering Fair, which will be held this year on March 17 at the San Jose Convention Center.

"The standards set by the Synopsis Championship are helping students understand how to engage with science authentically, and this is being recognized by the Intel Talent Search," said Sandi Yellenberg,

Science Coordinator with the SCCOE. “This success is a testament to the excellent work of the students and teachers in our local schools.”

The Intel Science Talent Search, a program of the Society for Science & the Public (SSP), encourages students to tackle difficult scientific questions and develop skills to help solve some of the world’s greatest challenges. This year, 40 finalists will travel to Washington, D.C. in March to compete for \$1,012,500 in awards, including the three top awards of \$150,000 each

Submissions were judged on the originality and creativity of their research projects, along with their academic achievement and leadership both inside and outside the classroom. Finalist projects are distributed among 15 categories, including behavioral science, biochemistry, bioengineering, bioinformatics, chemistry, computer science, earth science, engineering, environmental science, materials science, mathematics, medicine, microbiology, physics, and space science. View a [full list of this year’s finalists](#) to learn more about their individual research projects.

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