



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:

Angela Xiangyue Kong

Lynbrook High School, San Jose, CA

The Transcription Factor Bcl11b Regulates Mammary Stem Cell Self-Renewal and Quiescence Partially Through Cell Cycle Progression Inhibitor CDKN1a/p21

Charles Xin Liu

Henry M. Gunn High School, Palo Alto, CA

Integrated Meta-analysis of 64 Diseases Identifies Novel Relationship Between Systemic Sclerosis and Systemic Lupus erythematosus

Sreyas Misra

The Harker School, San Jose, CA

Design and Characterization of a Novel Single-headed and Hand-held PET Camera Using 511 keV Photon Collimation via Compton Scatter

Natalie Ng

Monta Vista High School, Cupertino, CA

Advancing Precision Medicine: MicroRNA Prognostic Signatures and Prediction Models for Distant Metastasis Free Survival in Breast Cancer

Vishnu Shankar

Monta Vista High School, Cupertino, CA

The 3D Structure of Human DP Prostaglandin G-protein Coupled Receptor Bound to Selective Antagonists from GEnSeMBLE Predictions

The Intel Science Talent Search, a program of 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 \$630,000 provided by the Intel Foundation, including a grand prize of \$100,000 that will be awarded to the first-place winner.

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.