

Montgomery County Students Excel in Science at ScienceMONTGOMERY

Over 400 students competed this weekend (March 18-20, 2011) at ScienceMONTGOMERY, the Montgomery County Science Fair. The students were judged by 300 volunteer scientists and engineers, and competed for an opportunity to share in over \$40,000 in prizes and awards provided by the all-volunteer Fair.

Top honors went to six students, representing five different MCPS high schools and one private school in the County. The following four students receive an all-expenses paid trip to the Intel International Science and Engineering Fair ("ISEF") in Los Angeles (May 8-14, 2011). Named by ScienceMONTGOMERY to represent Montgomery County at the ISEF are:

Julia Cline (Walt Whitman High School), in Earth and Space Science
Project Title: The Networks of The Earth's Magnetosphere

Austin Duff (Gaithersburg High School), in Engineering
Project Title: Investigation of Robotic Artificial Intelligence And Decision Making

Daniel Liss (Charles E. Smith Jewish Day School), in Physics
Project Title: Holography Reengineered: Look No Lasers

Grace Zhang (Poolesville High School), in Biology
Project Title: The Role Of Schizophrenia Susceptible Gene Kcnh2 On Synaptogenesis

Also accorded top honors were:

1st Runner Up and First Alternate for trip to ISEF:

Evguenia Morgun (Walter Johnson High School), in Medicine and Health
Project Title: Association Of Brain-derived Neurotrophic Factor Single Nucleotide Polymorphisms With Higher Body Mass Index And Altered Transcription Factor Binding

2nd Runner Up and Second Alternate for trip to ISEF

Shilpa Kannan (Montgomery Blair High School), in Biochemistry
Project Title: Identification Of Essential Glycoprotein Structures And Their Implications In The Treatment Of Genetic Disorders

<http://sciencemontgomery.org/File/prize%20winners.pdf>

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