



MONTGOMERY BLAIR HIGH SCHOOL MAGNET
FOUNDATION INC.



Board of
Directors:

- Ted Jou
President
- Eileen
Steinkraus
Vice-
President
- Sharon
Goodall
Secretary
- Dan
Shepherdson
Treasurer
- Beth
Kaufman
General
Counsel
- Ralph
Bunday
Member
- Sherrie
Emoto
Member
- Sarah
Manchester
Member
- William
Martin
Member
- Samir Paul
Member
- Lola Piper
Member
- Stephanie
Subramanian
Member
- Emily
Yanisko-
Maloney
Member

FOR IMMEDIATE RELEASE
March 12, 2015

CONTACT: Sherrie Emoto, board@mbhsmagnet.org

**Montgomery Blair High School Magnet Senior Earns
First Place in Prestigious Intel National Contest**

Silver Spring, MD—On March 10, Michael Hofmann Winer of Rockville, a senior in the Montgomery Blair High School Science, Mathematics, and Computer Science Magnet Program, was awarded the First Place Medal of Distinction for Innovation, along with a \$150,000 college scholarship, in the 2015 Intel Science Talent Search (STS) by the Society for Science and the Public, the nonprofit organization that administers this competition. This award celebrates finalists who demonstrate the problem-solving aptitude of an engineer through innovative design and creativity. Winer’s research is entitled *Interactions of Electrons and Phonons in a Crystal* and was completed under the mentorship of Dr. Victor Galitski of the Department of Physics, University of Maryland, College Park.

In early January, Winer and eleven of his Blair magnet classmates were named semifinalists in this competition and were awarded \$1,000 scholarships each; Montgomery Blair High School was granted \$12,000 to be used to further science, math, and engineering education. Later that month, Winer advanced to finalist status. Final judging took place in Washington, D.C. on March 5-11.

The Intel Science Talent Search is the oldest and most prestigious pre-college science competition in this country. More than 1,800 high school seniors, from 460 schools in 41 states, the District of Columbia, Puerto Rico, and five overseas locations submitted their original science projects in the fall, and 300 were named as semifinalists. Forty of these students became finalists and were invited to compete this month for the top nine spots, which include scholarships of at least \$35,000. These nine spots include first, second, and third place in each of the areas of Basic Research, Global Good, and Innovation.

In the Montgomery Blair High School Magnet Program, this work represents the student’s senior research project, overseen by magnet teacher Ms. Angelique Bosse. This is original research completed under the guidance of a mentor, typically at a leading research institution or university. The work usually begins in the student’s junior year and continues throughout the summer. This year only one high school nationally had more semifinalists than the Blair Magnet, and Winer was the only Intel top nine winner from the

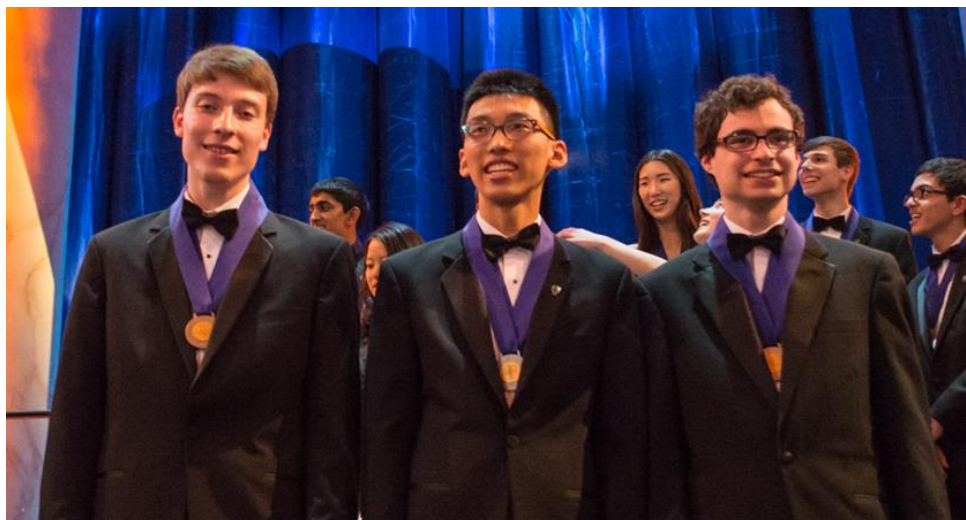
Address:

MBHS
Magnet
Foundation
Inc.
P.O. Box
101
Kensington,
MD
20895

MONTGOMERY BLAIR HIGH SCHOOL MAGNET FOUNDATION INC.

Maryland/Washington, D.C./Virginia area. Winer is the 42nd STS finalist from the Blair Magnet, which is among the most from any school in the country. Also, this is the third consecutive year that Blair Magnet students have won top prizes in the Intel STS, with Sam Zbarsky ('13) and Shaun Datta ('14) earning seventh and tenth place, respectively, in 2013 and 2014.

Winer expresses his gratitude, "The Blair Magnet has done an excellent job preparing me for this contest. Everything from preparing for Science Bowl to my Mathematical Physics course to my Chemistry/R & E project has gotten me ready. I've really enjoyed being in the Blair Magnet."



Michael Hofmann Winer (far right), Montgomery Blair Magnet senior, was awarded the First Place Medal of Distinction for Innovation and a \$150,000 scholarship in the 2015 Intel Science Talent Search. Noah Golowich (far left) and Andrew Jin were awarded first place in the areas of Basic Research and Global Good, respectively. (Photo courtesy of Patrick Thornton/Society for Science and the Public)

About The Montgomery Blair High School Magnet Foundation

This organization was founded by a group of concerned students, teachers, administrators, and alumni in 2008. Its purpose is to promote science, mathematics, and computer science education by supporting the Magnet Program at Montgomery Blair High School in its efforts to develop resources and refine practices needed to provide a rigorous and enriched education for students, staff, and the community at large. The Foundation is incorporated in the state of Maryland and is a 501(c)(3) tax-exempt organization.

###