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FOR IMMEDIATE RELEASE

January 15, 2010

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**Two Montgomery Blair High School Magnet Seniors Honored at
Junior Science and Humanities Symposium**

Silver Spring, MD— Jacob Hurwitz of Rockville and Sophia Deng of Gaithersburg were two of five students selected as regional finalists and presented their research at the Junior Science and Humanities Symposium (JSHS) Greater Washington, DC regional competition at Georgetown University on January 7. The prestigious JSHS Program promotes original research and experimentation in the sciences, engineering, and mathematics and publicly recognizes students for outstanding achievement. It is jointly sponsored by the United States Departments of the Army, Navy, and Air Force in cooperation with leading research universities throughout the nation and the Department of Defense.

Several dozen Blair Magnet seniors submitted their Senior Research Project papers to the JSHS Greater Washington, DC regional competition last fall. Georgetown University professors read through the 68 papers submitted by students from DC, Maryland, and Virginia and selected five students to present their research at the regional symposium. Each presentation was 15 minutes long and was followed by a question and answer session with Georgetown professors and other high school students.

Hurwitz was honored with first place and a \$2,000 scholarship for his paper summarizing his math project, entitled "Decycling Densities of Tessellations." Deng was awarded third place and a \$1,000 scholarship for her paper detailing her biology project, entitled "Identification and Colocalization of Dense Core Regulator IA-2 with Serotonin in Taste Buds." All five regional finalists will be given an all-expense paid trip to attend the national JSHS in May, to be held in Bethesda, Maryland. In addition, Hurwitz will have the opportunity to present his research again at the national JSHS for a chance at earning up to \$20,000 more in scholarship money and a trip to the London International Youth Science Forum in August.

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

Montgomery Blair High School Magnet Foundation Inc.

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.

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