

Award Winners from the 56th Anniversary  
*Science MONTGOMERY*  
The 2012 Montgomery County Science Fair

**ISEF AWARDS in the Senior Division**

**Winners: Expense paid trip to compete in the INTEL International Science and Engineering Fair  
May 13-18 2012 in Pittsburgh, PA and \$250 Award**

<b>Biology</b>	<b>Nina Lu</b>	Montgomery Blair High School
<b><u>Determination of Binding Energy Hotspots on a Broadly-Neutralizing Antibody Against HIV-1</u></b>		
<b>Computer science</b>	<b>Pavleen Thukral</b>	Poolesville High School
<b><u>Hierarchical Automatic Image Based Human Age Estimation Using Relevance Vector Machine Regression and Multi-Classifer Fusion</u></b>		
<b>Physics</b>	<b>David Zhang</b>	Richard Montgomery High School
<b><u>Sodium Abundance in Sungrazing Comets</u></b>		
<b>Computer science</b>	<b>Vinay Sriram</b>	Poolesville High School
<b><u>Quantitative Modeling of Processing Cost and Energy Consumption for Cryptographically Enhanced Secure Internet Routing Protocol</u></b>		
<b>1st Runner Up: \$100 Cash and First Alternate for trip to ISEF</b>		
<b>Engineering</b>	<b>Jacob Glueck</b>	Thomas S. Wootton High School
<b>Optical Measurement of Ice Thickness</b>		

**Category Winners in the Senior Division****First Prizes: \$200 and Certificate****Second Prizes: \$100 and Certificate****Third Prizes: \$50 and Certificate****Teams Share Awards****Honorable Mention: Certificates**

		<b>PROJ. NO.</b>	<b>Name</b>	<b>SCHOOL</b>
<b>S100</b>	<b>Behavioral and Social Sciences</b>			
		1 S101	Briana Applewhite	Sherwood High School
		1 S101	Evan Schwartz	Sherwood High School
		1 S101	Jessica Carrera	Sherwood High School
		2 S102	Kevin Pham	Sherwood High School
		2 S102	Eshan Nanda	Sherwood High School
		2 S102	Simran Gupta	Sherwood High School
<b>S200</b>	<b>Biology</b>			
		1 S204	Nina Lu	Montgomery Blair High School
		1 S221	Eric Keen	Home Schooled
		1 S243	James Shepherdson	Montgomery Blair High School
		1 S265	Amanda Tomlinson	Sherwood High School
		1 S265	Emma Poe-Yamagata	Sherwood High School
		2 S203	Srividya Murthy	Montgomery Blair High School
		2 S226	Sherman Leung	Montgomery Blair High School
		2 S244	Trinish Chatterjee	Richard Montgomery High School
		2 S271	Yini Qi	Thomas S. Wootton High School
		3 S201	Daniel Cheng	Richard Montgomery High School
		3 S228	Evan Horne	Montgomery Blair High School
		3 S242	Ziyao Wang	Montgomery Blair High School
		3 S261	Joseph Denicola	Poolesville High School
		H S205	Andrew Zhang	Montgomery Blair High School
		H S222	Colin Hambright	Sherwood High School
		H S222	Adam Berger	Sherwood High School
		H S245	Kyle Starost	Magruder High School
		H S245	Waliullah Rifai	Magruder High School
		H S246	Jaykar Nayeck	Walt Whitman High School
		H S266	Mohamed Keita	Gaithersburg High School
		H S269	Prusse Kakpovi	Montgomery Blair High School
<b>S300</b>	<b>Chemistry</b>			
		1 S308	Navya Nanda	Poolesville High School
		1 S308	Meera Krishnamoorthy	Poolesville High School
		2 S305	Maureen Lei	Montgomery Blair High School
		2 S306	Devika Haridas	Poolesville High School
		3 S301	Katherine Brizzolara	Walter Johnson High School
		H S304	Sharon Wu	Thomas S. Wootton High School
<b>S400</b>	<b>Computer Science and Mathematics</b>			
		1 S404	Pavleen Thukral	Poolesville High School
		1 S423	Vinay Sriram	Poolesville High School
		2 S406	Ayush Goyal	Poolesville High School
		2 S406	André Guzmán	Poolesville High School
		2 S406	Aakarshan Bhardwaj	Poolesville High School
		2 S421	Jennifer Gagner	Winston Churchill High School
		2 S425	Denise Alving	Poolesville High School
		3 S403	Anirudh Gubba	Poolesville High School
		3 S408	Shubham Chattopadhyay	Montgomery Blair High School
		3 S424	Nikita Shalimov	Thomas S. Wootton High School
		H S402	Toby Kang	Winston Churchill High School

<b>S500</b>	<b>Engineering, Presented in Honor of our Past President, Greg Neuschafer</b>			
	<b>1</b>	S508	Jacob Glueck	Thomas S. Wootton High School
	<b>2</b>	S510	Jack Zhu	Poolesville High School
	<b>3</b>	S502	James Baur	Wheaton High School
	<b>H</b>	S501	Brandon Grinkemeyer	Poolesville High School
	<b>H</b>	S503	Caroline Park	Walt Whitman High School
<b>S700</b>	<b>Physics</b>			
	<b>1</b>	S705	David Zhang	Richard Montgomery High School
	<b>1</b>	S721	Pei-Yi Lin	Poolesville High School
	<b>2</b>	S704	Huy Lam	Poolesville High School
	<b>2</b>	S727	Matthew Yung	Thomas S. Wootton High School
	<b>3</b>	S710	Saimouli Katragadda	Gaithersburg High School
	<b>3</b>	S726	Valery Leng	Poolesville High School
	<b>H</b>	S706	Leo Hendricks	Poolesville High School
	<b>H</b>	S707	Shanta Murthy	Poolesville High School
	<b>H</b>	S723	Brian Galfond	Poolesville High School
	<b>H</b>	S724	Jason Luu	Poolesville High School

**Category Winners in the Junior Division**

**First Prizes: \$100 and Certificate**

**Second Prizes: \$50 and Certificate**

**Third Prizes: \$25 and Certificate**

**Teams Share Awards**

**Honorable Mention: Certificates**

	<b>PROJ. NO.</b>	<b>Name</b>	<b>SCHOOL</b>
<b>J100 Behavioral and Social Sciences</b>			
	<b>1</b>	J114 Azeem Mohammed	Roberto Clemente Middle School
	<b>2</b>	J107 Lainey Reed	Roberto Clemente Middle School
	<b>3</b>	J108 Brittany Menjivar	Holy Cross School
	<b>H</b>	J104 Ron Yutin	Roberto Clemente Middle School
	<b>H</b>	J116 Delia Chen	Roberto Clemente Middle School
<b>J200 Biology</b>			
	<b>1</b>	J209 Rachel Pastel	Parkland Middle School
	<b>1</b>	J221 Sanyukta Deshmukh	Robert Frost Middle School
	<b>1</b>	J249 Griffin Badalamente	Takoma Park Middle School
	<b>1</b>	J263 Siddharth Nayak	Roberto Clemente Middle School
	<b>1</b>	J263 David Zhang	Roberto Clemente Middle School
	<b>2</b>	J203 Sunil Tohan	Roberto Clemente Middle School
	<b>2</b>	J224 Caroline Leng	Roberto Clemente Middle School
	<b>2</b>	J246 Saiteja Tammali	Lakelands Park Middle School
	<b>2</b>	J262 Joshua Chen	Roberto Clemente Middle School
	<b>3</b>	J207 Jennifer Belson	Charles E. Smith Jewish Day School
	<b>3</b>	J222 Chase Martin	Parkland Middle School
	<b>3</b>	J228 Jack Ahrens	Roberto Clemente Middle School
	<b>3</b>	J248 Shraeya Madhu	Roberto Clemente Middle School
	<b>H</b>	J202 Ankita Sharma	Roberto Clemente Middle School
	<b>H</b>	J225 Julio Rivas	Parkland Middle School
	<b>H</b>	J241 Catherine Paxton	Holy Cross School
	<b>H</b>	J251 Everett Eggerman	Holy Cross School
	<b>H</b>	J266 Christina Lingfu	Roberto Clemente Middle School
	<b>H</b>	J268 Andy Li	Roberto Clemente Middle School
<b>J300 Chemistry</b>			
	<b>1</b>	J304 Divya Gandla	Roberto Clemente Middle School
	<b>1</b>	J330 Brianna Velazquez	Roberto Clemente Middle School
	<b>1</b>	J330 Alex Frost	Roberto Clemente Middle School
	<b>1</b>	J352 Tianyi Wu	Roberto Clemente Middle School
	<b>1</b>	J363 Lucy Wilkerson	Holy Cross School
	<b>2</b>	J309 Noa Schisterman	Charles E. Smith Jewish Day School
	<b>2</b>	J321 Julia Condron	Holy Cross School
	<b>2</b>	J331 Rohith Battina	Roberto Clemente Middle School
	<b>2</b>	J343 Andy Guan	Parkland Middle School
	<b>2</b>	J353 Grace Cheung	Roberto Clemente Middle School
	<b>2</b>	J375 Henri Maindidze	Roberto Clemente Middle School
	<b>3</b>	J305 Jessica Bhattacharyya	Roberto Clemente Middle School
	<b>3</b>	J325 Devon Lyons	Holy Cross School
	<b>3</b>	J356 Trishul Nagenalli	Roberto Clemente Middle School
	<b>3</b>	J370 Sanna Madan	Roberto Clemente Middle School
	<b>3</b>	J372 Frederick Xu	Roberto Clemente Middle School
	<b>H</b>	J306 Stuti Ganatra	Roberto Clemente Middle School
	<b>H</b>	J310 Raviteja Kemburu	Roberto Clemente Middle School
	<b>H</b>	J323 Karan Chawla	Roberto Clemente Middle School

H	J326	Nivedhitha Kishore	Parkland Middle School
H	J328	Chimaoge Ibe	St. Andrew Apostle School
H	J332	Kevin Zong	Roberto Clemente Middle School
H	J345	Aidan Knab	Parkland Middle School
H	J347	Emily Zhang	Roberto Clemente Middle School
H	J347	Emily Wang	Roberto Clemente Middle School
H	J351	Cameron Lingenfelter	North Bethesda Middle School
H	J361	Emma Rainard	St. Catherine Laboure School
H	J361	Catherine Estrada	St. Catherine Laboure School
H	J362	Alexa Olivares	Parkland Middle School
H	J365	Anurudh Ganesan	Roberto Clemente Middle School
H	J367	Eleanor Nuckolls	Holy Cross School
H	J369	Soham Sen	Roberto Clemente Middle School
H	J377	Addi Giffin	Roberto Clemente Middle School

**J400 Computer Science and Mathematics**

1	J410	Suriya Kandaswamy	Roberto Clemente Middle School
2	J404	Jonathan Ni	Roberto Clemente Middle School
3	J403	Aditya Kaliappan	Roberto Clemente Middle School
3	J405	Wally Niu	Roberto Clemente Middle School
3	J407	Eric Li	Roberto Clemente Middle School
3	J407	Hansheng Zhang	Roberto Clemente Middle School
H	J406	Devin Smedira	Roberto Clemente Middle School
H	J411	Alex Trang	Parkland Middle School

**J500 Engineering, Presented in Honor of our Past President, Greg Neuschafer**

1	J509	Ninad R. Nirgudkar	Roberto Clemente Middle School
1	J530	Nicholas Hopwood	Roberto Clemente Middle School
1	J548	Anish Senapati	Takoma Park Middle School
1	J548	Pranav Tandon	Takoma Park Middle School
1	J565	Diwakar Ganesan	Roberto Clemente Middle School
2	J503	Kalin Vassilev	Takoma Park Middle School
2	J523	Andrew Lent	Roberto Clemente Middle School
2	J525	Joshua Werfel	Parkland Middle School
2	J541	Rachit Agarwal	Roberto Clemente Middle School
2	J571	Juan Morales	St. Catherine Laboure School
3	J506	Brandon On	Parkland Middle School
3	J564	Kyle Fruth	Roberto Clemente Middle School
H	J501	Najma Thomas	Parkland Middle School
H	J510	John Baur	Takoma Park Middle School
H	J521	Jackson Douglas	Roberto Clemente Middle School
H	J527	John Lathrop	Takoma Park Middle School
H	J529	Declan Rickards-Blaeuer	Parkland Middle School
H	J552	Emily Navarro	St. Catherine Laboure School
H	J552	Elizabeth Kaniecki	St. Catherine Laboure School
H	J569	Siddharth Taneja	Robert Frost Middle School

**J700 Physics**

<b>1</b>	J709	Alex Wilson	North Bethesda Middle School
<b>1</b>	J709	Luca Garcia	North Bethesda Middle School
<b>1</b>	J727	Charles Williams	Roberto Clemente Middle School
<b>1</b>	J742	James Waychoff	Parkland Middle School
<b>1</b>	J767	Avram Conerly	Forcey Christian Middle School
<b>1</b>	J782	Isabelle Homan	Holy Cross School
<b>2</b>	J703	Shreya Singh	Roberto Clemente Middle School
<b>2</b>	J722	Cameron Warffeli	Parkland Middle School
<b>2</b>	J745	Marcus Hibbeln	Sligo Middle School
<b>2</b>	J745	Nathaniel Huson	Sligo Middle School
<b>2</b>	J761	Benjamin Bock	Parkland Middle School
<b>2</b>	J787	Katherine Wu	Takoma Park Middle School
<b>3</b>	J708	James Seeman	Parkland Middle School
<b>3</b>	J725	Simon Liu	Roberto Clemente Middle School
<b>3</b>	J741	Anusha Dixit	Roberto Clemente Middle School
<b>3</b>	J769	Ishan Mundra	Roberto Clemente Middle School
<b>3</b>	J786	Jessica Yin	Roberto Clemente Middle School
<b>H</b>	J704	Richard Wang	Roberto Clemente Middle School
<b>H</b>	J713	David Martirosian	Parkland Middle School
<b>H</b>	J721	Patrick Diaz	St. Catherine Laboure School
<b>H</b>	J721	Matthew Lopez	St. Catherine Laboure School
<b>H</b>	J721	Fernando Cabrera	St. Catherine Laboure School
<b>H</b>	J724	Elise Turner	Parkland Middle School
<b>H</b>	J743	Matthew VanBronkhorst	Roberto Clemente Middle School
<b>H</b>	J746	Sambuddha Chattopadhy	Takoma Park Middle School
<b>H</b>	J748	Anne Christine Schauer	Holy Cross School
<b>H</b>	J763	Amelia Cherian	Roberto Clemente Middle School
<b>H</b>	J765	Ean Eggerman	Holy Cross School
<b>H</b>	J785	Amanda Mutai	Parkland Middle School
<b>H</b>	J789	Karl Zhao	Roberto Clemente Middle School

## Community Awards

### Presented by Community Organizations in Support of Young Scientists and Engineers

<b>Aerospace Corporation</b>			
<b>The Robert H. Herndon Award to Encourage Minority Students to Pursue Careers in Science and Engineering</b>			
	J501	Najma Thomas	Parkland Middle School
	J521	Jackson Douglas	Roberto Clemente Middle School
	J527	John Lathrop	Takoma Park Middle School
	J571	Juan Morales	St. Catherine Laboure School
	J709	Alex Wilson	North Bethesda Middle School
	J709	Luca Garcia	North Bethesda Middle School
<b>American Industrial Hygiene Association (AIHA) Potomac Section</b>			
<b>For Achievements in Projects Demonstrating Excellent Industrial Hygiene Practice or Technology</b>			
3rd Place: Certificate and \$100			
	S509	Luna Homsí	Poolesville High School
2nd Place: Certificate and \$200			
	S305	Maureen Lei	Montgomery Blair High School
1st Place: Certificate and \$300			
	S222	Colin Hambright	Sherwood High School
	S222	Adam Berger	Sherwood High School
<b>American Institute of Aeronautics &amp; Astronautics (AIAA)</b>			
<b>For Excellent Achievements in Projects in Space and Aviation</b>			
Honorable Mention: Certificate			
	J703	Shreya Singh	Roberto Clemente Middle School
	J708	James Seeman	Parkland Middle School
3rd Place: \$75			
Invitation to Awards Banquet, one year student membership			
	J709	Alex Wilson	North Bethesda Middle School
	J709	Luca Garcia	North Bethesda Middle School
2nd Place: \$100			
Invitation to Awards Banquet, one year student membership			
	J356	Trishul Nagenalli	Roberto Clemente Middle School
1st Place – 1 week at Space Camp or Aviation Challenge			
Invitation to Awards Banquet, one year student membership			
	J523	Andrew Lent	Roberto Clemente Middle School
<b>American Meteorological Society (AMS)-DC Chapter</b>			
<b>For Outstanding Achievement in an Atmospheric or Earth Science</b>			
Junior Certificate and Invitation to AMS-DC Awards Banquet			
	J372	Frederick Xu	Roberto Clemente Middle School
Senior Certificate and Invitation to AMS-DC Awards Banquet			
	S424	Nikita Shalimov	Thomas S. Wootton High School
	S305	Maureen Lei	Montgomery Blair High School
<b>American Physiological Society</b>			
<b>For Outstanding Accomplishment in the Physiological Sciences</b>			
Senior: T-shirt, Pin and Certificate			
	S205	Andrew Zhang	Montgomery Blair High School
Note: Teacher of winning student receives a book and resource packet			
<b>American Nuclear Society; Washington, DC Section</b>			
<b>For Outstanding Achievement in Projects in Nuclear Physics and Technology</b>			
3rd Place Certificate			
	J353	Grace Cheung	Roberto Clemente Middle School
2nd Place Certificate and \$50			
	S511	Rachel Chang	Poolesville High School
	S511	Nikita Salker	Poolesville High School
	S511	Swagata Patnaik	Poolesville High School
1st Place Certificate and \$100; Invitation to Dinner meeting			
	S709	Amit Millo	Walt Whitman High School
<b>American Psychological Association</b>			
<b>Recognizing Outstanding Research Projects in Behavior and Social Science</b>			
Junior Division Certificate			
	J116	Delia Chen	Roberto Clemente Middle School
Senior Division Certificate			
	S101	Briana Applewhite	Sherwood High School
	S101	Evan Schwartz	Sherwood High School
	S101	Jessica Carrera	Sherwood High School

<b>American Society of Mechanical Engineers</b>			
<b>For Outstanding Demonstration of the Principles and Practices of Mechanical Engineering</b>			
3rd Place: Certificate and \$50	S721	Pei-Yi Lin	Poolesville High School
2nd Place: Certificate and Invitation to dinner (\$75 check awarded there)	S503	Caroline Park	Walt Whitman High School
1st Place: Certificate and Invitation to dinner (\$100 check awarded there)	S509	Luna Homsí	Poolesville High School
<b>The ASM Materials Education Foundation--DC Chapter</b>			
<b>Recognizing Outstanding Projects in Materials Science</b>			
Junior Division 1st Place Certificate of Recognition	J501	Najma Thomas	Parkland Middle School
Senior Division: 1st Place Certificate of Recognition	S503	Caroline Park	Walt Whitman High School
<b>Association for Women Geoscientists</b>			
<b>For a Project by a Student for High Standards of Innovation and Excellence in the Geosciences</b>			
Junior Division Certificate of Excellence	J363	Lucy Wilkerson	Holy Cross School
Senior Division Certificate of Excellence	S425	Denise Alving	Poolesville High School
<b>Biophysical Society</b>			
<b>For a senior project demonstrating excellence in biophysics</b>			
Certificate and \$100 Cash Award	S204	Nina Lu	Montgomery Blair High School
<b>Bud Miller Associates, Inc.</b>			
<b>ScienceMONTGOMERY Award for projects in the Senior Division Demonstrating Excellence in Scientific Exposition</b>			
Certificate and Medal	S403	Anirudh Gubba	Poolesville High School
	S421	Jennifer Gagner	Winston Churchill High School
	S423	Vinay Sriram	Poolesville High School
	S701	Yogith Tupakula	Poolesville High School
	S701	Elan Guzman	Poolesville High School
	S701	Mugeet Ahmad	Poolesville High School
	S706	Leo Hendricks	Poolesville High School
	S707	Shanta Murthy	Poolesville High School
	S721	Pei-Yi Lin	Poolesville High School
	S710	Saimouli Katragadda	Gaithersburg High School
	S722	Archis Sathe	Poolesville High School
	S724	Jason Luu	Poolesville High School
	S728	Adarsh Bindiganavele	Poolesville High School
	S728	Prajwal Keranahalli	Poolesville High School
	S244	Trinish Chatterjee	Richard Montgomery High School
	S264	Sushmitha Tamilselvan	Rockville High School
	S308	Navya Nanda	Poolesville High School
	S308	Meera Krishnamoorthy	Poolesville High School
	S309	Caleb Fan	Poolesville High School
	S311	Caroline Greer	Poolesville High School
	S311	Grace Zhang	Poolesville High School
	S312	John Hartwell	Poolesville High School
	S312	Jeffrey Wang	Poolesville High School
	S245	Kyle Starost	Magruder High School
	S245	Waliullah Rifai	Magruder High School
	S266	Mohamed Keita	Gaithersburg High School
	S301	Katherine Brizzolara	Walter Johnson High School
	S304	Sharon Wu	Thomas S. Wootton High School
	S265	Emma Poe-Yamagata	Sherwood High School
	S265	Amanda Tomlinson	Sherwood High School



<b>Broadcom MASTERS</b>			
		<b>For middle school projects demonstrating excellence in Math, Applied Science, Technology, and Engineering</b>	
	Nomination to compete in Broadcom MASTERS national competition		
	J509	Ninad R. Nirgudkar	Roberto Clemente Middle School
	J742	James Waychoff	Parkland Middle School
	J530	Nicholas Hopwood	Roberto Clemente Middle School
	J209	Rachel Pastel	Parkland Middle School
	J410	Suriya Kandaswamy	Roberto Clemente Middle School
	J548	Anish Senapati	Takoma Park Middle School
	J548	Pranav Tandon	Takoma Park Middle School
	J782	Isabelle Homan	Holy Cross School
	J767	Avram Conerly	Forcey Christian Middle School
	J263	Siddharth Nayak	Roberto Clemente Middle School
	J263	David Zhang	Roberto Clemente Middle School
	J249	Griffin Badalamente	Takoma Park Middle School
	J304	Divya Gandla	Roberto Clemente Middle School
	J352	Tianyi Wu	Roberto Clemente Middle School
	J565	Diwakar Ganesan	Roberto Clemente Middle School
	J221	Sanyukta Deshmukh	Robert Frost Middle School
	J727	Charles Williams	Roberto Clemente Middle School
	J363	Lucy Wilkerson	Holy Cross School
	J114	Azeem Mohammed	Roberto Clemente Middle School
	J330	Brianna Velazquez	Roberto Clemente Middle School
	J330	Alex Frost	Roberto Clemente Middle School
	J709	Alex Wilson	North Bethesda Middle School
	J709	Luca Garcia	North Bethesda Middle School
<b>Central Intelligence Agency (PLEASE STAND ONLY)</b>			
		<b>For Projects in the Senior Division in Technologies of National Interest</b>	
	Invitation to Awards Ceremony and Tour of CIA Headquarters		
	S222	Colin Hambright	Sherwood High School
	S222	Adam Berger	Sherwood High School
	S301	Katherine Brizzolara	Walter Johnson High School
	S503	Caroline Park	Walt Whitman High School
	S308	Navya Nanda	Poolesville High School
	S308	Meera Krishnamoorthy	Poolesville High School
	S402	Toby Kang	Winston Churchill High School
	S201	Daniel Cheng	Richard Montgomery High School
	S501	Brandon Grinkemeyer	Poolesville High School
	S510	Jack Zhu	Poolesville High School
	S401	Dhruv Shankar	Poolesville High School
	S404	Pavleen Thukral	Poolesville High School
	S408	Shubham Chattopadhyay	Montgomery Blair High School
	S423	Vinay Sriram	Poolesville High School
	S508	Jacob Glueck	Thomas S. Wootton High School
<b>Chemical Society of Washington</b>			
		<b>For Excellence in Chemistry</b>	
	S301	Katherine Brizzolara	Walter Johnson High School
		<b>For Excellence in Green Chemistry</b>	
	S305	Maureen Lei	Montgomery Blair High School
<b>Clean Air Partners</b>			
		<b>For Best Project Addressing Air Pollution or Climate Change</b>	
	\$50 Award		
	S305	Maureen Lei	Montgomery Blair High School

<b>Discovery Education 3M Young Scientist Challenge</b>			
		<b>To 6-8th Grade Students for Knowledge of and Ability to Communicate Effectively about Science</b>	
Certificate of Excellence and Entry to National Competition will be Presented to Winners of Each Category in Junior Division			
	J509	Ninad R. Nirgudkar	Roberto Clemente Middle School
	J742	James Waychoff	Parkland Middle School
	J530	Nicholas Hopwood	Roberto Clemente Middle School
	J209	Rachel Pastel	Parkland Middle School
	J410	Suriya Kandaswamy	Roberto Clemente Middle School
	J548	Anish Senapati	Takoma Park Middle School
	J548	Pranav Tandon	Takoma Park Middle School
	J782	Isabelle Homan	Holy Cross School
	J767	Avram Conerly	Forcey Christian Middle School
	J263	Siddharth Nayak	Roberto Clemente Middle School
	J263	David Zhang	Roberto Clemente Middle School
	J249	Griffin Badalamente	Takoma Park Middle School
	J304	Divya Gandla	Roberto Clemente Middle School
	J352	Tianyi Wu	Roberto Clemente Middle School
	J565	Diwakar Ganesan	Roberto Clemente Middle School
	J221	Sanyukta Deshmukh	Robert Frost Middle School
	J727	Charles Williams	Roberto Clemente Middle School
	J363	Lucy Wilkerson	Holy Cross School
	J114	Azeem Mohammed	Roberto Clemente Middle School
	J330	Brianna Velazquez	Roberto Clemente Middle School
	J330	Alex Frost	Roberto Clemente Middle School
	J709	Alex Wilson	North Bethesda Middle School
	J709	Luca Garcia	North Bethesda Middle School
<b>Friends of Agricultural Research--Beltsville (FAR-B)-in biology, environmental sciences, and microbiology/medical For Excellent Junior Projects</b>			
3rd Place: Certificate of Merit and \$10 gift certificate			
	J224	Caroline Leng	Roberto Clemente Middle School
	J369	Soham Sen	Roberto Clemente Middle School
	J375	Henri Mainidize	Roberto Clemente Middle School
2nd Place: Certificate of Merit and \$20 gift certificate			
	J209	Rachel Pastel	Parkland Middle School
	J246	Saiteja Tammali	Lakelands Park Middle School
	J377	Addi Giffin	Roberto Clemente Middle School
1st Place: Certificate of Merit and \$30 gift certificate			
	J406	Devin Smedira	Roberto Clemente Middle School
	J221	Sanyukta Deshmukh	Robert Frost Middle School
	J372	Frederick Xu	Roberto Clemente Middle School
<b>GENIUS OLYMPIAD</b>			
<b>For Projects Dedicated to the Protection and Improvement of the Environment</b>			
Nomination to compete in the SUNY Oswego GENIUS OLYMPIAD			
	S222	Colin Hambright	Sherwood High School
	S222	Adam Berger	Sherwood High School
	S305	Maureen Lei	Montgomery Blair High School
<b>Geological Society of Washington</b>			
<b>For Excellence in Earth Science</b>			
Junior Division: Certificate			
	J377	Addi Giffin	Roberto Clemente Middle School
	J363	Lucy Wilkerson	Holy Cross School
Third Place: Certificate, Letter, and Ribbon			
	J742	James Waychoff	Parkland Middle School
Second Place: Certificate, Letter, and Ribbon			
	J371	Riley Wilburn	Roberto Clemente Middle School
First Place Junior: Certificate, Letter, Ribbon and invitation to present project at a GSW Meeting			
	J247	Nihar Gupte	Roberto Clemente Middle School
Senior Division: Certificate			
	S425	Denise Alving	Poolesville High School
Third Place: Certificate, Letter, and Ribbon			
	S704	Huy Lam	Poolesville High School
Second Place: Certificate, Letter and Ribbon			
	S424	Nikita Shalimov	Thomas S. Wootton High School
First Place Senior: Certificate, Letter, Ribbon and invitation to present project at a GSW Meeting			
	S305	Maureen Lei	Montgomery Blair High School

<b>Intel Excellence in Computer Science Award</b>			
<b>For Excellence in the Use of Computer Technology in the Senior Division</b>			
2 Awards in the Senior Division: Certificate of Achievement and \$200			
	S404	Pavleen Thukral	Poolesville High School
	S423	Vinay Sriram	Poolesville High School
<b>I-SWEEP: International Sustainable World (Engineering, Energy, Environment) Project Olympiad</b>			
<b>For Outstanding Projects in Environmental Sustainability and Innovation</b>			
Senior: Sustainability Award and Invitation to Apply to Participate in 2012 Olympiad			
	S503	Caroline Park	Walt Whitman High School
Senior: Outstanding Sustainability Award and Invitation to Participate in 2012 Olympiad			
	S222	Collin Hambright	Sherwood High School
	S222	Adam Berger	Sherwood High School
<b>Izaak Walton League of America</b>			
<b>For projects focusing on conservation</b>			
Junior: Certificate, gifts, and one year membership in Izaak Walton League			
	J209	Rachel Pastel	Parkland Middle School
<b>MIT Club of Washington, D.C.</b>			
<b>For 11th Grade Projects</b>			
<b>Demonstrating Excellence in Life or Physical Science, Engineering, Mathematics, or Computer Science</b>			
Honorable Mention: Certificate of Excellence and Subscription to MIT Technology Review			
	S705	David Zhang	Richard Montgomery High School
First Place: Certificate, \$150, and Subscription to MIT Technology Review			
	S265	Emma Poe-Yamagata	Sherwood High School
	S265	Amanda Tomlinson	Sherwood High School
<b>MRIGlobal</b>			
<b>For Outstanding Achievement in Life Sciences</b>			
Junior: Certificate and \$75 Award			
	J262	Joshua Chen	Roberto Clemente Middle School
Senior: Certificate and \$100 Award			
	S201	Daniel Cheng	Richard Montgomery High School
<b>MedImmune Advancing Science for Better Health Award</b>			
<b>Best Individual Project with Biological Relevance to the Causes, Treatment and Prevention of Human Disease</b>			
<b>Exemplifying Values Core to MedImmune Philosophy</b>			
1st Place Alternate ( <b>PLEASE STAND ONLY</b> )			
	S242	Ziyao Wang	Montgomery Blair High School
1st Place: 6-week Paid Internship at MedImmune, \$100 and a plaque ( <b>COME UP</b> )			
	S221	Eric Keen	Home Schooled
<b>Mu Alpha Theta</b>			
<b>For Challenging, Original, Thorough and Creative Investigation of Problems Involving Modern Mathematics</b>			
2 Certificates of Achievement in the Senior division			
	S510	Jack Zhu	Poolesville High School
	S404	Pavleen Thukral	Poolesville High School
<b>National Capital Astronomers</b>			
<b>For Projects Demonstrating Excellence in Astronomy (PLEASE STAND ONLY)</b>			
Certificate; One year membership in NCA; One year subscription to Sky and Telescope magazine; Invitation to present project at Annual Meeting			
	J742	James Waychoff	Parkland Middle School
	S705	David Zhang	Richard Montgomery High School
	S704	Huy Lam	Poolesville High School

<b>National Oceanic and Atmospheric Administration (NOAA)</b>			
<b>For Research That Helps Understand and Predict Changes in Earth's Environment, and Conserve and Manage Natural Resources</b>			
Junior Division: Certificate of Honor and Medallion			
	J370	Sanna Madan	Roberto Clemente Middle School
Senior Division: Certificate of Honor and Medallion			
	S266	Mohamed Keita	Gaithersburg High School
<b>National Society of Professional Engineers</b>			
<b>For Projects Demonstrating Innovative Engineering</b>			
Junior Division: Certificate of Honor and Lapel Pin			
	J509	Ninad R. Nirgudkar	Roberto Clemente Middle School
Senior Division: Certificate of Honor and Lapel Pin			
	S510	Jack Zhu	Poolesville High School
<b>Naval Research Lab</b>			
<b>For Excellence in Engineering</b>			
Junior Division: Rail Gun Target Plate			
	J722	Cameron Warffeli	Parkland Middle School
Senior Division: Naval Rail Gun Hat			
	S510	Jack Zhu	Poolesville High School
<b>Office of Naval Research</b>			
<b>For Achievement in Science or Technology</b>			
Six Junior Division prizes: Certificate and Medallion			
	J509	Ninad R. Nirgudkar	Roberto Clemente Middle School
	J370	Sanna Madan	Roberto Clemente Middle School
	J503	Kalin Vassilev	Takoma Park Middle School
	J230	Alicia Gordon	Roberto Clemente Middle School
	J109	Harish Kumar	Roberto Clemente Middle School
	J541	Rachit Agarwal	Roberto Clemente Middle School
Three Senior Division prizes: Certificate, Medallion, and a \$50 gift certificate			
	S204	Nina Lu	Montgomery Blair High School
	S242	Ziyao Wang	Montgomery Blair High School
	S721	Pei-Yi Lin	Poolesville High School
<b>Optical Society of America, National Capital Section/IEEE Photonics</b>			
<b>For Achievement in Optics and Photonics (PLEASE STAND ONLY)</b>			
Junior Division: Certificate			
	J767	Avram Conerly	Forcey Christian Middle School
Senior Division: Certificate			
	S508	Jacob Glueck	Thomas S. Wootton High School
	S705	David Zhang	Richard Montgomery High School
	S421	Jennifer Gagner	Winston Churchill High School
<b>Ricoh Sustainable Development Award</b>			
<b>For Outstanding Projects Addressing the Potential for Increasing Our Ability to Grow Environmentally Friendly and Socially Responsible Businesses</b>			
Junior Division: Certificate			
	J203	Sunil Tohan	Roberto Clemente Middle School
Senior Division: Certificate			
	S710	Saimouli Katragadda	Gaithersburg High School
<b>Rockville Rotary Club</b>			
<b>For Best Projects in Air Quality and Energy Technology (PLEASE STAND ONLY)</b>			
1st Place Junior: Certificate, \$100, and invitations to Rotary luncheon			
	J561	Dhruv Patel	Parkland Middle School
1st Place Senior: Certificate \$100, and invitations to Rotary luncheon			
	S305	Maureen Lei	Montgomery Blair High School

<b>Rockville Science Center</b>				
			<b>For Middle School Projects Demonstrating Excellence in the Communication of Science</b>	
	Honorable Mention			
		J109	Harish Kumar	Roberto Clemente Middle School
		J243	Anthony Estime	St. Andrew Apostle School
		J243	Matteo Patzy	St. Andrew Apostle School
		J407	Eric Li	Roberto Clemente Middle School
		J407	Hansheng Zhang	Roberto Clemente Middle School
		J262	Joshua Chen	Roberto Clemente Middle School
	3rd Place			
		J116	Delia Chen	Roberto Clemente Middle School
		J226	Jonathan D'Alessio	Forcey Christian Middle School
		J226	Zuriel Herran	Forcey Christian Middle School
		J403	Aditya Kaliappan	Roberto Clemente Middle School
	2nd Place			
		J108	Brittany Menjivar	Holy Cross School
		J224	Caroline Leng	Roberto Clemente Middle School
		J406	Devin Smedira	Roberto Clemente Middle School
	1st Place			
		J107	Lainey Reed	Roberto Clemente Middle School
		J209	Rachel Pastel	Parkland Middle School
		J410	Suriya Kandaswamy	Roberto Clemente Middle School
<b>Sigma Xi, NIST Chapter</b>				
			<b>For Excellence in Measurement Science (PLEASE STAND ONLY)</b>	
	Measurement Science Award			
		S308	Navya Nanda	Poolesville High School
		S308	Meera Krishnamoorthy	Poolesville High School
<b>Society of Manufacturing Engineers--Chapter 48</b>				
			<b>For Excellence in Research Advancing Manufacturing Knowledge</b>	
	Junior Division:			
	3rd Place: \$25 check, book, and certificate			
		J523	Andrew Lent	Roberto Clemente Middle School
	2nd Place: \$50 check, book, and certificate			
		J570	Louison Sall	North Bethesda Middle School
		J570	Mollie Stern	North Bethesda Middle School
	1st Place: \$100 check, book, and certificate			
		J503	Kalin Vassilev	Takoma Park Middle School
	Senior Division:			
	3rd place \$ 25 check, book and certificate			
		S501	Brandon Grinkemeyer	Poolesville High School
	2nd place \$ 50 check, book and certificate			
		S503	Caroline Park	Walt Whitman High School
	1st place \$ 100 check, book and certificate			
		S508	Jacob Glueck	Thomas S. Wootton High School
<b>Society for In Vitro Biology</b>				
			<b>For 11th Grade Projects Demonstrating Excellent Research in Plant or Animal in vitro Biology or Tissue Culture</b>	
	Certificate of Outstanding Achievement			
		S201	Daniel Cheng	Richard Montgomery High School
<b>Stockholm Junior Water Prize</b>				
			<b>For Excellence in Water Research</b>	
	Six Certificates:			
	Invitation to compete at the State, National and International levels			
	Junior Division:			
		J203	Sunil Tohan	Roberto Clemente Middle School
		J372	Frederick Xu	Roberto Clemente Middle School
		J376	Cameron Reed	Parkland Middle School
		J405	Wally Niu	Roberto Clemente Middle School
	Senior Division:			
		S222	Colin Hambright	Sherwood High School
		S222	Adam Berger	Sherwood High School

<b>Team Results USA</b>			
		<b>For Best Projects in Air Quality and Energy Technology (PLEASE STAND ONLY)</b>	
	1st Place: Certificate, \$100, and Invitation to Rotary Club of Rockville luncheon and to participate in leadership program		
	S272	Nadja Bzhilyanskaya	Poolesville High School
<b>U.S. Airforce</b>			
		<b>For Excellence in Science and Engineering</b>	
	Junior Division: 6 Awards: Certificate		
	J347	Emily Zhang	Roberto Clemente Middle School
	J347	Emily Wang	Roberto Clemente Middle School
	J210	Shahzaade Bledsoe	Parkland Middle School
	J334	Mindy Hernandez	Parkland Middle School
	J350	Austin Grinkemeyer	Roberto Clemente Middle School
	J366	Seungkyoon Bong	Roberto Clemente Middle School
	J351	Cameron Lingenfelter	North Bethesda Middle School
	Senior Division:		
	2 Awards: Certificate, Presentation Folder		
	S501	Brandon Grinkemeyer	Poolesville High School
	S265	Emma Poe-Yamagata	Sherwood High School
	S265	Amanda Tomlinson	Sherwood High School
	4 Awards: Victory Sport Bag, Certificate, Sonic Sound Speaker, Focus Junior Tech Organizer		
	S423	Vinay Sriram	Poolesville High School
	S503	Caroline Park	Walt Whitman High School
	S204	Nina Lu	Montgomery Blair High School
	S242	Ziyao Wang	Montgomery Blair High School
<b>U.S. Army - Research Office</b>			
		<b>For Scientific Excellence in the Senior Division</b>	
	20 Honorable Mention: Certificate		
	S101	Briana Applewhite	Sherwood High School
	S101	Evan Schwartz	Sherwood High School
	S101	Jessica Carrera	Sherwood High School
	S201	Daniel Cheng	Richard Montgomery High School
	S204	Nina Lu	Montgomery Blair High School
	S269	Prusse Kakpovi	Montgomery Blair High School
	S301	Katherine Brizzolara	Walter Johnson High School
	S401	Dhruv Shankar	Poolesville High School
	S271	Yini Qi	Thomas S. Wootton High School
	S406	Ayush Goyal	Poolesville High School
	S406	André Guzmán	Poolesville High School
	S406	Aakarshan Bhardwaj	Poolesville High School
	S410	Derek Zhang	Poolesville High School
	S410	Jesse Lee	Poolesville High School
	S423	Vinay Sriram	Poolesville High School
	S502	James Baur	Wheaton High School
	S504	Mughil Muthupari	Poolesville High School
	S510	Jack Zhu	Poolesville High School
	S705	David Zhang	Richard Montgomery High School
	S709	Amit Millo	Walt Whitman High School
	8 Awards : Certificate of Achievement, Presentation Folder, and Messenger Bag		
	S707	Shanta Murthy	Poolesville High School
	S421	Jennifer Gagner	Winston Churchill High School
	S246	Jaykar Nayeck	Walt Whitman High School
	S305	Maureen Lei	Montgomery Blair High School
	S404	Pavleen Thukral	Poolesville High School
	S722	Archis Sathe	Poolesville High School
	S222	Colin Hambright	Sherwood High School
	S222	Adam Berger	Sherwood High School
	2 Awards 1st Prize: Certificate of Achievement, Presentation Folder, Messenger Bag, and Medallion		
	S402	Toby Kang	Winston Churchill High School
	S508	Jacob Glueck	Thomas S. Wootton High School

<b>U.S. Metric Association</b>			
<b>For Best Use of the SI Metric System for a Significant Amount of Quantitative Measurement</b>			
2 Awards Junior Division: Certificate			
	J529	Declan Rickards-Blaeuer	Parkland Middle School
	J786	Jessica Yin	Roberto Clemente Middle School
2 Awards Senior Division: Certificate			
	S510	Jack Zhu	Poolesville High School
	S514	Dave Qin	Poolesville High School
<b>U.S. Nuclear Regulatory Commission</b>			
<b>For Outstanding Projects in Nuclear Science or Engineering (PLEASE STAND ONLY)</b>			
Juniors			
3rd Place Certificate of Recognition			
	J511	Maristela Romero	Roberto Clemente Middle School
2nd Place Certificate of Recognition			
	J309	Noa Schisterman	Charles E. Smith Jewish Day School
1st Place Certificate of Recognition			
	J404	Jonathan Ni	Roberto Clemente Middle School
Seniors:			
3rd Place Certificate of Recognition			
	S502	James Baur	Wheaton High School
2nd Place Certificate of Recognition			
	S709	Amit Millo	Walt Whitman High School
1st Place Certificate of Recognition			
	S406	Ayush Goyal	Poolesville High School
	S406	André Guzmán	Poolesville High School
	S406	Aakarshan Bhardwaj	Poolesville High School
<b>U.S. Public Health Service - Commissioned Officers Association</b>			
<b>For Outstanding Projects in Health-related Research</b>			
Meritorious Achievement: Medal and Certificate			
	S423	Vinay Sriram	Poolesville High School
	S205	Andrew Zhang	Montgomery Blair High School
	S249	Melodi Anahtar	Montgomery Blair High School
	S262	Connie Yeung	Thomas S. Wootton High School
	S245	Kyle Starost	Magruder High School
	S245	Waliullah Rifai	Magruder High School
	S204	Nina Lu	Montgomery Blair High School
	S428	Andrew Wang	Poolesville High School
	S265	Emma Poe-Yamagata	Sherwood High School
	S265	Amanda Tomlinson	Sherwood High School
	S242	Ziyao Wang	Montgomery Blair High School
	S228	Evan Horne	Montgomery Blair High School
	S203	Srividya Murthy	Montgomery Blair High School
	S201	Daniel Cheng	Richard Montgomery High School
	S511	Rachel Chang	Poolesville High School
	S511	Nikita Salker	Poolesville High School
	S511	Swagata Patnaik	Poolesville High School
	S421	Jennifer Gagner	Winston Churchill High School
	S101	Briana Applewhite	Sherwood High School
	S101	Evan Schwartz	Sherwood High School
	S101	Jessica Carrera	Sherwood High School
	S226	Sherman Leung	Montgomery Blair High School
	S225	Tiffany Wong	Poolesville High School
	S510	Jack Zhu	Poolesville High School
3rd Place Distinguishing Achievement			
	S406	Ayush Goyal	Poolesville High School
	S406	André Guzmán	Poolesville High School
	S406	Aakarshan Bhardwaj	Poolesville High School
2nd Place Distinguishing Achievement			
	S221	Eric Keen	Home Schooled
	S271	Yini Qi	Thomas S. Wootton High School
1st Place Distinguishing Achievement			
	S508	Jacob Glueck	Thomas S. Wootton High School

<b>Washington Statistical Society</b>				
		<b>For Excellence in the Investigation or Use of Statistical Methods</b>		
Honorable Mention: Certificates of Excellence				
	J116	Delia Chen		Roberto Clemente Middle School
	S271	Yini Qi		Thomas S. Wootton High School
	S428	Andrew Wang		Poolesville High School
	S727	Matthew Yung		Thomas S. Wootton High School
Two 2nd Place prizes: Statistics book, Subscription to "Significance" magazine, Certificate				
	J104	Ron Yutin		Roberto Clemente Middle School
	S404	Pavleen Thukral		Poolesville High School
1st Place: \$150, Subscription to "Significance" magazine, Certificate				
	S243	James Shepherdson		Montgomery Blair High School
<b>Winston Churchill High School Young Women in Biology</b>				
		<b>For Students in the Junior Fair</b>		
		<b>Demonstrating Excellence in Scientific Research</b>		
Honorable Mention: Certificate				
	J202	Ankita Sharma		Roberto Clemente Middle School
	J241	Catherine Paxton		Holy Cross School
First Place: Certificate and \$50				
	J248	Shraeya Madhu		Roberto Clemente Middle School
<b>Yale Science &amp; Engineering Assoc. Inc.</b>				
		<b>For the Most Outstanding 11th Grade Student from the Areas of</b>		
		<b>Computer Science, Engineering, Physics or Chemistry</b>		
2 Awards: Certificate of Merit and Medallion				
	S302	Rahul Navale		Sherwood High School
	S705	David Zhang		Richard Montgomery High School