

Award Winners from the 53rd Anniversary
Science MONTGOMERY
The 2009 Montgomery County Science Fair

21-Mar-09

ISEF AWARDS in the Senior Division

Winners: Expense paid trip to compete in the INTEL International Science and Engineering Fair,
May 10-15 in Reno, NV and \$250 Award

Biochemistry	Sneha Kannan	Montgomery Blair High School
Synthesis Of Cathepsin B Degradable Peptidic Dendrimers		

Biology	Rachael Lee	Walt Whitman High School
Developing A High-throughput Screen To Identify Small Molecules That Reverse Anti-cancer Drug Resistance: Bfl-1 As A Molecular Target		

Chemistry	Re-I Chin	Walter Johnson High School
Combating Cancer: Design and Synthesis of [11C]-Labeled DHA-Taxoid for Studies of Drug Pharmacokinetics		

Physics	Molly Grossman	Sherwood High School
Remote Determination Of Velocity From Optical Doppler Shifts Of Spectral Lines		

1st Runner Up: \$100 Award and First Alternate for trip to ISEF

Environmental Sciences	Daniel Nola	Sherwood High School
	Kevin Takiar	Sherwood High School
Water Quality Throughout The Maryland Chesapeake Watershed		

2nd Runner Up: \$100 Award and Second Alternate for trip to ISEF

Medicine and Health	Eric Ockenhouse	Bethesda-Chevy Chase High School
Genetic Diversity In The Celts Gene Of Malaria Parasites From Around The World		

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

S100 Behavioral and Social Sciences

1	S114	Caroline Diehl	Bethesda-Chevy Chase High School
2	S101	Matt Chiogioji	Sherwood High School
2	S101	Kaitlin Berry	Sherwood High School
3	S113	Geoffrey Herman	Sherwood High School
3	S113	Colin Vale	Sherwood High School
3	S113	Joe Szewczyk	Sherwood High School
3	S102	Lindsey Morrison	Sherwood High School
3	S102	Maria Romas	Sherwood High School
3	S105	Melanie Kim	Sherwood High School
3	S105	Ian Chan	Sherwood High School
H	S108	Luc Sebrechts	Bethesda-Chevy Chase High School
H	S108	Simon Kolbeck	Bethesda-Chevy Chase High School
H	S108	Nathan Resnick	Bethesda-Chevy Chase High School

S200 Biochemistry Category--presented this year with special thanks to our \$5000 Titanium Sponsor, the Unither Family of Companies: "Medicines for Life"

1	S209	Sneha Kannan	Montgomery Blair High School
2	S205	Melodi Anahtar	Montgomery Blair High School
3	S207	Xin Shan	Montgomery Blair High School
H	S206	Melissa Truong	Montgomery Blair High School
H	S204	Maria Dagalakis	Winston Churchill High School
H	S201	Daiki Okazaki	Winston Churchill High School
H	S208	Julia Hardgrove	Bethesda-Chevy Chase High School
H	S202	Elliott Levine	Sherwood High School
H	S202	Josh Weinstein	Sherwood High School

S300 Biology

1	S301	Rachael Lee	Walt Whitman High School
2	S303	Lauren Honig	Sherwood High School
2	S303	Shannon Kindred	Sherwood High School
2	S307	David Hou	Winston Churchill High School
3	S306	Erin Edwards	Sherwood High School
3	S306	Beth McGinty	Sherwood High School
3	S306	Claire Hambricht	Sherwood High School
H	S308	Amy Miller	Bethesda-Chevy Chase High School

S400 Chemistry

1	S402	Re-I Chin	Walter Johnson High School
2	S405	A. Yashodhara Rao	Walt Whitman High School
2	S414	Brina Seidel	Bethesda-Chevy Chase High School
3	S401	Benjamin Shih	Montgomery Blair High School
3	S404	Eric Chen	Winston Churchill High School
3	S408	Andy Schmitt	Rockville High School
H	S407	Anh Truong	Sherwood High School
H	S407	Elaine Nghiem	Sherwood High School
H	S407	Mellownie Ho	Sherwood High School

**S700 Engineering Category--presented this year with special thanks to our \$5000 Titanium Sponsor,
Northrop Grumman, "Defining the Future".**

1	S708	Kevin Hogan	Sherwood High School
1	S708	Manpreet Khural	Sherwood High School
1	S708	Scott Hoffer	Sherwood High School
2	S705	Teddy Weisman	Bethesda-Chevy Chase High School
2	S705	Julien Kilian	Bethesda-Chevy Chase High School
2	S707	Colin Versteeg	Bethesda-Chevy Chase High School
3	S703	Mona Mohseni	Walt Whitman High School
H	S706	Minna Jacobson	Bethesda-Chevy Chase High School
H	S712	Jake Ullman	Bethesda-Chevy Chase High School

S800 Environmental Sciences

1	S811	Daniel Nola	Sherwood High School
1	S811	Kevin Takiar	Sherwood High School
2	S807	Tiffany Le	Poolesville High School
2	S804	Nicholas Chisholm	Rockville High School
3	S805	Hyeon Kim	Sherwood High School
3	S805	Joshua Witt	Sherwood High School
3	S810	Yvonne Chan	Sherwood High School
3	S810	Nancy Chen	Sherwood High School
3	S810	Bethany Siu	Sherwood High School

S900 Mathematics

1	S901	Alexander Bliskovsky	Bethesda-Chevy Chase High School
2	S903	Spencer Weinreich	Bethesda-Chevy Chase High School

**S1000 Medicine and Health Category--presented this year with special thanks to our \$15,000
Platinum Sponsor, MedImmune: "Advancing Science for Better Health."**

1	S1005	Eric Ockenhouse	Bethesda-Chevy Chase High School
2	S1014	Maria Correa	Sherwood High School
3	S1003	Surbhi Agrawal	Walt Whitman High School
3	S1009	Krista Caroline Fryauff	Poolesville High School
H	S1004	Zuleika Bouzeid	Sherwood High School
H	S1004	Rinu Ramesh	Sherwood High School
H	S1007	George Kotsiras	Sherwood High School

S1100 Microbiology

1	S1105	Kettner Griswold	Walt Whitman High School
2	S1107	Samir Kumar Devalaraja	Thomas S. Wootton High School
3	S1106	Alisa Lu	Montgomery Blair High School
H	S1103	Eric Keen	Home Schooled
H	S1108	Nailah Harper-Malveaux	Bethesda-Chevy Chase High School
H	S1102	David Tao	Montgomery Blair High School
H	S1104	Alec Renz	Sherwood High School
H	S1104	Colin Bonhag	Sherwood High School

S1200 Physics

1	S1205	Molly Grossman	Sherwood High School
2	S1206	Rolando Masís	Richard Montgomery High School
3	S1204	Victor Santos	Sherwood High School
H	S1209	Aditi Shenoy	Thomas S. Wootton High School
H	S1203	Natalie Snyder	Rockville High School
H	S1207	Shiyang Li	Rockville High School

CATEGORY WINNERS IN THE JUNIOR DIVISION

First Prizes: \$200 and Certificate

Second Prizes: \$100 and Certificate

Third Prizes: \$50 and Certificate

(Teams share awards)

Honorable Mention Certificates

J100	Behavioral and Social Sciences			
	1	J116	Jeannette Joly	Holy Cross School
	2	J109	Yvonne-Crystal Monterrosa	Roberto Clemente Middle School
	2	J109	Nicole Cheng	Roberto Clemente Middle School
	3	J108	Nikhil Tangirala	Roberto Clemente Middle School
	3	J108	Jookwang Lee	Roberto Clemente Middle School
J200	Biochemistry Category--presented this year with special thanks to our \$5000 Titanium Sponsor, the Unither Family of Companies: "Medicines for Life"			
	1	J212	Rahul Menon	Roberto Clemente Middle School
	2	J210	Miranda Lingenfelter	North Bethesda Middle School
	2	J215	Nadiya Kutishcheva	Roberto Clemente Middle School
	3	J218	Sarah Wagner	Takoma Park Middle School
	3	J209	Kyle Starost	Redland Middle School
	3	J214	Myles Wagner	Takoma Park Middle School
	H	J202	Idrys Rudnick-Cohen	Earle B. Wood Middle School
	H	J203	Chris Shirven	Roberto Clemente Middle School
	H	J205	Phillip Christman	Parkland Middle School
	H	J206	Neel Virdy	Roberto Clemente Middle School
	H	J206	Maxim Gorlenko	Roberto Clemente Middle School
	H	J217	Natasha Virjee	A. Mario Loiederman Middle School
	H	J222	Ashton Webber-Deonauth	Cabin John Middle School
	H	J223	Annie Chu	Roberto Clemente Middle School
	H	J223	Joy Zeng	Roberto Clemente Middle School
J300	Biology			
	1	J305	Alex Han	Roberto Clemente Middle School
	2	J312	Eli Griff-McMahon	Parkland Middle School
	2	J306	Christine Allaire	Holy Cross School
	2	J326	Eileen Liu	Roberto Clemente Middle School
	3	J301	Jonaton Baginski	Earle B. Wood Middle School
	3	J313	Nina Simpkins	Charles E. Smith Jewish Day School
	H	J319	Esteban Caballero	Roberto Clemente Middle School
	H	J325	Tobi Aladesuru	Forcey Christian Middle School
J400	Chemistry			
	1	J423	Nivetita Ravi	Neelsville Middle School
	2	J421	Erica Vinson	North Bethesda Middle School
	2	J407	Sophie Colle	Tilden Middle School
	2	J418	Alexandra Lechner	Roberto Clemente Middle School
	2	J418	Esther Lee	Roberto Clemente Middle School
	3	J416	Christina Hnatov	Cabin John Middle School
	3	J415	Lisa Seo	Roberto Clemente Middle School
	3	J415	Jennie Seo	Roberto Clemente Middle School
	3	J429	Aviva Braier	Charles E. Smith Jewish Day School
	3	J409	Katie Zimmerman	Roberto Clemente Middle School
	3	J409	Leila Ettehadieh	Roberto Clemente Middle School
	H	J425	Jake Rubenstein	Roberto Clemente Middle School
	H	J417	Savita Potarazu	Cabin John Middle School
	H	J417	Jackie Spang	Cabin John Middle School
	H	J422	Jorge Rivas	St. Catherine Laboure School
	H	J422	Julio Fuentes	St. Catherine Laboure School
	H	J422	Carlos Carhuas	St. Catherine Laboure School
	H	J426	Andrew Jordan	Roberto Clemente Middle School

J500 Computer Science			
1	J503	Jessica Shi	Takoma Park Middle School
2	J504	Charles Yin	Takoma Park Middle School
2	J507	Matthew Wade	Roberto Clemente Middle School
H	J502	Avikar Periwal	Takoma Park Middle School
H	J501	Matthew Das Sarma	Takoma Park Middle School
H	J506	Mohamed Keita	Roberto Clemente Middle School
J600 Earth and Space Science			
1	J613	Michael Keen	Home Schooled
2	J617	Jonathan Zhang	Roberto Clemente Middle School
2	J609	Emily Lathrop	White Oak Middle School
2	J603	Kathy Zhang	Benjamin Banneker Middle School
3	J604	Alexandra Nelligan	Roberto Clemente Middle School
3	J612	William Durr	John H. Poole Middle School
3	J616	Eshwar Manoharan	Roberto Clemente Middle School
3	J607	David Alcantara	Roberto Clemente Middle School
H	J620	Mihir Khetarpal	Roberto Clemente Middle School
H	J622	Elizabeth Meier	Parkland Middle School
J700 Engineering Category-presented this year with special thanks to our \$5000 Titanium Sponsor, Northrop Grumman, "Defining the Future".			
1	J717	Pablo Lopez	Holy Cross School
2	J702	Ally Flechsig	St. Andrew Apostle School
2	J702	Camaryn Kerns	St. Andrew Apostle School
3	J704	Benjamin Strouse	Parkland Middle School
3	J721	Megan Rider	Earle B. Wood Middle School
H	J705	Nikhil Perincherry	Cabin John Middle School
H	J708	Thomas McHale	North Bethesda Middle School
H	J720	Ollen Douglass	Cabin John Middle School
H	J723	Brandon Sheridan	Cabin John Middle School
H	J724	Vinay Sriram	Roberto Clemente Middle School
H	J728	Christian Schmidt	Roberto Clemente Middle School
J800 Environmental Sciences			
1	J826	Katherine Silberholz	Roberto Clemente Middle School
2	J801	Soo Yeon (Nancy) Kim	Holton-Arms School
2	J817	Paul B. Ellis	Sligo Middle School
3	J819	Joie Chang	Takoma Park Middle School
3	J819	Lisha Ruan	Takoma Park Middle School
H	J812	Nolan Yager	North Bethesda Middle School
H	J813	Kaelyn Cummins	Roberto Clemente Middle School
H	J813	Meghan Chamberlain	Roberto Clemente Middle School
H	J813	Shreya Barthwal	Roberto Clemente Middle School
H	J818	Prashan Dharmasena	Earle B. Wood Middle School
H	J822	Michael Vetter	Roberto Clemente Middle School
J900 Mathematics			
1	J902	Anastasia Laurenzo	Parkland Middle School
1	J902	Christine Junod	Parkland Middle School
2	J903	Alessandra Breen	St. Andrew Apostle School
J1000 Medicine and Health Category--presented this year with special thanks to our \$15,000 Platinum Sponsor, MedImmune: "Advancing Science for Better Health."			
1	J1015	John Kim	Forcey Christian Middle School
2	J1011	Anne Deere	St. Andrew Apostle School
2	J1012	John Anderson	Takoma Park Middle School

2	J1008	Nathan Adal	Forcey Christian Middle School
3	J1017	Lauren White	St. Andrew Apostle School
3	J1017	Madeleine Boies	St. Andrew Apostle School
3	J1021	Sajidah Arefian	Muslim Community School
H	J1023	Emily Durr	John H. Poole Middle School
H	J1023	Reagan Holston	John H. Poole Middle School
J1100 Microbiology			
1	J1107	Kevin Nuckolls	Holy Cross School
2	J1105	Marcus Fernandez	Roberto Clemente Middle School
2	J1110	Alexandra Boukhvalova	Takoma Park Middle School
2	J1110	Ariel Hsu	Takoma Park Middle School
2	J1110	Danting Liu	Takoma Park Middle School
3	J1104	Eric Yi	Takoma Park Middle School
3	J1104	William Cai	Takoma Park Middle School
3	J1111	Jeffrey Falgout	Roberto Clemente Middle School
H	J1101	Jennifer Wang	Roberto Clemente Middle School
J1200 Physics			
1	J1205	Jinhie Skarda	Thomas W. Pyle Middle School
2	J1201	Nathan Lester	St. Andrew Apostle School
2	J1213	Deborah Wu	Forcey Christian Middle School
2	J1217	Conrad Smith	North Bethesda Middle School
2	J1224	Jonathan Fink	Parkland Middle School
3	J1234	Oscar Mujica	Earle B. Wood Middle School
3	J1237	Neelanjan Lahiri	Parkland Middle School
3	J1211	Raymond Macedonia	North Bethesda Middle School
3	J1230	Vasily Baffes	Parkland Middle School
3	J1230	Daniel Rivers	Parkland Middle School
3	J1232	Tingchen Shi	Cabin John Middle School
3	J1218	Nate Keninitz	Roberto Clemente Middle School
3	J1218	Jack O'Keefe	Roberto Clemente Middle School
H	J1235	Donovan Mack	St. Catherine Laboure School
H	J1235	Chase Meadows	St. Catherine Laboure School
H	J1235	Thomas Whiting	St. Catherine Laboure School
H	J1228	David Zhang	Roberto Clemente Middle School
H	J1233	Manuel Guillen	Roberto Clemente Middle School
H	J1240	Xiaoyu Yin	Roberto Clemente Middle School
H	J1219	Lucy Andrews	North Bethesda Middle School
H	J1210	Eric Arai	North Bethesda Middle School
H	J1215	Nathan Schilling	Parkland Middle School
H	J1242	Brian Liu	Roberto Clemente Middle School
H	J1238	Deirdre McGovern	Earle B. Wood Middle School
H	J1238	Melissa Morella	Earle B. Wood Middle School
H	J1236	Jenna Welkie	A. Mario Loiederman Middle School

COMMUNITY AWARDS

PRESENTED BY COMMUNITY ORGANIZATIONS IN SUPPORT OF YOUNG SCIENTISTS AND ENGINEERS

Aerospace Corporation

The Robert H. Herndon Award to Encourage Minority Students to Pursue Careers in Science and Engineering

1st Place: \$1000 Savings Bond		
S403	Amare Tola	Montgomery Blair High School
S403	Eyerusalem Feleke	Montgomery Blair High School

American Industrial Hygiene Association (AIHA) Potomac Section (PLEASE STAND ONLY) For Achievements in Projects Demonstrating Excellent Industrial Hygiene Practice or Technology

3rd Place: Certificate and \$25		
J1012	John Anderson	Takoma Park Middle School
2nd Place: Certificate and \$50		
S407	Anh Truong	Sherwood High School
S407	Elaine Nghiem	Sherwood High School
S407	Mellownie Ho	Sherwood High School
1st Place: Certificate and \$100		
J728	Christian Schmidt	Roberto Clemente Middle School

American Institute of Aeronautics & Astronautics (AIAA)

For Excellent Achievements in Projects in Space and Aviation

Honorable Mention Certificate		
S712	Jake Ullman	Bethesda-Chevy Chase High School
3rd Place: \$ 75		
Invitation to Awards Banquet plus one year student membership		
J720	Ollen Douglass	Cabin John Middle School
2nd Place: \$100		
Invitation to Awards Banquet, one year student membership		
J723	Brandon Sheridan	Cabin John Middle School
1st Place – 1 week at Space Camp or Aviation Challenge		
Invitation to Awards Banquet, one year student membership		
J702	Ally Flechsig	St. Andrew Apostle School
J702	Camaryn Kerns	St. Andrew Apostle School

American Meteorological Society (AMS)-DC Chapter

For Outstanding Achievement in an Atmospheric or Earth Science

Junior Certificate and Invitation to AMS-DC Awards Banquet		
J828	Ankit Sarkar	Cabin John Middle School
Senior Certificate and Invitation to AMS-DC Awards Banquet		
S1205	Molly Grossman	Sherwood High School

**American Nuclear Society; Washington, DC Section
For Outstanding Achievement in Projects in
Nuclear Physics and Technology**

5th Place Certificate		
J607	David Alcantara	Roberto Clemente Middle School
4th Place Certificate		
J423	Nivetita Ravi	Neelsville Middle School
3rd Place Certificate and Book		
J704	Benjamin Strouse	Parkland Middle School
2nd Place Certificate and \$50		
S409	Madara Jayatilake	Walt Whitman High School
1st Place Certificate and \$100		
Invitation to Dinner meeting		
J708	Thomas McHale	North Bethesda Middle School

**American Psychological Association
Recognizing Outstanding Research Projects in Behavior and Social Science**

Junior Division Certificate		
J116	Jeannette Joly	Holy Cross School
Senior Division Certificate		
S114	Caroline Diehl	Bethesda-Chevy Chase High School

**American Society of Mechanical Engineers
For Outstanding Demonstration of the Principles and
Practices of Mechanical Engineering**

3rd Place: Certificate and \$25 Check and Invitation to ASME Banquet		
J721	Megan Rider	Earle B. Wood Middle School
2nd Place: Certificate and \$50 and Invitation to ASME Banquet		
S712	Jake Ullman	Bethesda-Chevy Chase High School
1st Place: Certificate and \$75 and Invitation to ASME Banquet		
J702	Ally Flechsig	St. Andrew Apostle School
J702	Camaryn Kerns	St. Andrew Apostle School

**American Society of Naval Engineers (PLEASE STAND ONLY)
For Excellence in Environmental-Related Projects**

Junior Division: Plaque; One Year Membership;		
Invitation to Exhibit at Annual Symposium		
J801	Soo Yeon (Nancy) Kim	Holton-Arms School
Senior Division: Plaque; One Year ASNE Membership;		
Invitation to Exhibit at Annual Symposium		
S709	Kiernan Hahn	Bethesda-Chevy Chase High School

**American Society of Safety Engineers - National Capital Chapter
For Achievement in the Areas of Health, Safety or Environmental Studies**

Junior Division: \$250 Cash award		
J707	Jennifer Arai	North Bethesda Middle School
Senior Division: \$500 Cash award		
S401	Benjamin Shih	Montgomery Blair High School

**The ASM Materials Education Foundation
Recognizing Outstanding Projects in Materials Science**

Junior Division Certificate of Excellence and Medallion		
J1210	Eric Arai	North Bethesda Middle School
Senior Division Certificate of Excellence and Medallion		
S401	Benjamin Shih	Montgomery Blair High School

Association for Computing Machinery (ACM), Washington DC Chapter
For Projects Reflecting an Interest in Computer Science

6 Junior Division Honorary One Year Student Membership and subscription to

Digital Library and Crossroads magazine

J501	Matthew Das Sarma	Takoma Park Middle School
J502	Avikar Periwal	Takoma Park Middle School
J503	Jessica Shi	Takoma Park Middle School
J504	Charles Yin	Takoma Park Middle School
J506	Mohamed Keita	Roberto Clemente Middle School
J507	Matthew Wade	Roberto Clemente Middle School

2 Senior Division Honorary One Year Student Membership and subscription to

Digital Library and Crossroads magazine

S901	Alexander Bliskovsky	Bethesda-Chevy Chase High School
S1102	David Tao	Montgomery Blair High School

Association for Women Geoscientists

**For a Project by a Female Student for High Standards of
Innovation and Excellence in the Geosciences**

Junior Division Certificate of Excellence

J819	Joie Chang	Takoma Park Middle School
J819	Lisha Ruan	Takoma Park Middle School

Senior Division Certificate of Excellence

S803	Jessie Karp	Sherwood High School
S803	Katie Koren	Sherwood High School

Association of Practicing Psychologists of Montgomery and Prince George's Co.s
For Excellence in Behavioral Science

3rd Place Junior: Certificate and \$25

J108	Nikhil Tangirala	Roberto Clemente Middle School
J108	Jookwang Lee	Roberto Clemente Middle School

2nd Place Junior: Certificate and \$40

J109	Yvonne-Crystal Monterrosa	Roberto Clemente Middle School
J109	Nicole Cheng	Roberto Clemente Middle School

1st Place Junior: Certificate and \$50

J116	Jeannette Joly	Holy Cross School
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3rd Place Senior: Certificate and \$25

S113	Geoffrey Herman	Sherwood High School
S113	Colin Vale	Sherwood High School
S113	Joe Szewczyk	Sherwood High School

2nd Place Senior: Certificate and \$40

S101	Matt Chiogioji	Sherwood High School
S101	Kaitlin Berry	Sherwood High School

1st Place Senior: Certificate and \$50

S114	Caroline Diehl	Bethesda-Chevy Chase High School
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Central Intelligence Agency

For Projects in Technologies of National Interest

Invitation to Awards Ceremony and Tour of CIA Headquarters

S114	Caroline Diehl	Bethesda-Chevy Chase High School
S405	A. Yashodhara Rao	Walt Whitman High School
S708	Kevin Hogan	Sherwood High School
S708	Manpreet Khural	Sherwood High School
S708	Scott Hoffer	Sherwood High School
S901	Alexander Bliskovsky	Bethesda-Chevy Chase High School
S903	Spencer Weinreich	Bethesda-Chevy Chase High School
S1206	Rolando Masís	Richard Montgomery High School
S1209	Aditi Shenoy	Thomas S. Wootton High School
S1005	Eric Ockenhouse	Bethesda-Chevy Chase High School
S1003	Surbhi Agrawal	Walt Whitman High School
S209	Sneha Kannan	Montgomery Blair High School
S706	Minna Jacobson	Bethesda-Chevy Chase High School

Chemical Society of Washington**For Projects Demonstrating Excellence in Chemistry**

Certificates of Excellence

J417	Savita Potarazu	Cabin John Middle School
J417	Jackie Spang	Cabin John Middle School
J425	Jake Rubenstein	Roberto Clemente Middle School
J426	Andrew Jordan	Roberto Clemente Middle School
J427	Eunice Lee	Forcey Christian Middle School
J407	Sophie Colle	Tilden Middle School
J423	Nivetita Ravi	Neelsville Middle School
S409	Madara Jayatilake	Walt Whitman High School
S408	Andy Schmitt	Rockville High School
S401	Benjamin Shih	Montgomery Blair High School
S402	Re-I Chin	Walter Johnson High School
S403	Amare Tola	Montgomery Blair High School
S403	Eyerusalem Feleke	Montgomery Blair High School
S404	Eric Chen	Winston Churchill High School
S405	A. Yashodhara Rao	Walt Whitman High School

Chesapeake Water Environment Association**For Excellence in Water Research**

2 Certificates of Excellence

S403	Amare Tola	Montgomery Blair High School
S403	Eyerusalem Feleke	Montgomery Blair High School
S811	Daniel Nola	Sherwood High School
S811	Kevin Takiar	Sherwood High School

Discovery Education Young Scientist Challenge**To 6-8th Grade Students for Knowledge of and Ability to Communicate Effectively about Science**

Certificate of Excellence and Entry to National Competition will be

Presented to Winners of Each Category in Junior Division

J116	Jeannette Joly	Holy Cross School
J212	Rahul Menon	Roberto Clemente Middle School
J305	Alex Han	Roberto Clemente Middle School
J423	Nivetita Ravi	Neelsville Middle School
J503	Jessica Shi	Takoma Park Middle School
J613	Michael Keen	Home Schooled
J717	Pablo Lopez	Holy Cross School
J826	Katherine Silberholz	Roberto Clemente Middle School
J902	Anastasia Laurenzo	Parkland Middle School
J1015	John Kim	Forcey Christian Middle School
J1107	Kevin Nuckolls	Holy Cross School
J1205	Jinhie Skarda	Thomas W. Pyle Middle School

**Energy and Air Quality Advisory Committee of Montgomery County and The Rockville Rotary Club
For Best Projects in Air Quality and Energy Technology**

Junior Division: Certificate and \$100

Invitation to a Rotary Club of Rockville meeting to show their science project

J826	Katherine Silberholz	Roberto Clemente Middle School
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Senior Division: Certificate and \$100

Invitation to a Rotary Club of Rockville meeting to show their science project

S708	Kevin Hogan	Sherwood High School
S708	Manpreet Khural	Sherwood High School
S708	Scott Hoffer	Sherwood High School

Federal Water Quality Association**For Excellence in Water-related Research**

Third Prize Junior: Certificate, Ribbon and T-shirt		
J825	Samuel Kebede	Sligo Middle School
Second Prize Junior Certificate, Ribbon and T-shirt		
J832	Priyanka Patel	Rocky Hill Middle School
J829	Olivia Chao	Cabin John Middle School
First Prize Junior: Certificate, Ribbon, \$100 Savings Bond, Invitation to Awards Luncheon and T-shirt		
J817	Paul B. Ellis	Sligo Middle School
Third Prize Senior : Certificate, Ribbon and T-shirt		
S701	Parinaz Fathi	Muslim Community School
2 Second Prize Senior Teams: Certificate, Ribbon and T-shirt		
S809	Matt Dutko	Bethesda-Chevy Chase High School
S809	Tony Hoang	Bethesda-Chevy Chase High School
S403	Amare Tola	Montgomery Blair High School
S403	Eyerusalem Feleke	Montgomery Blair High School
First Prize Senior Individual: Certificate, Ribbon, \$100 Savings Bond, Invitation to Awards Luncheon and T-shirt		
S414	Brina Seidel	Bethesda-Chevy Chase High School
First Prize Senior Team: Certificate, Ribbon, \$100 Savings Bond, Invitation to Awards Luncheon and T-shirt		
S811	Daniel Nola	Sherwood High School
S811	Kevin Takiar	Sherwood High School

Friends of Agricultural Research--Beltsville (FAR-B)-in each of the 3 categories**For Excellent Junior Projects Relating to Chemistry or Biochemistry**

3rd Place: Certificate of Merit and \$10 certificate		
J330	Stephen Lee	Herbert Hoover Middle School
2nd Place: Certificate of Merit and \$20 certificate		
J305	Alex Han	Roberto Clemente Middle School
1st Place: Certificate of Merit and \$30 certificate		
J313	Nina Simpkins	Charles E. Smith Jewish Day School

For Excellent Junior Projects Relating to Botany or Environmental Science

3rd Place: Certificate of Merit and \$10 certificate		
J803	Sharon Chen	Takoma Park Middle School
J803	Audrey Shi	Takoma Park Middle School
2nd Place: Certificate of Merit and \$20 certificate		
J828	Ankit Sarkar	Cabin John Middle School
1st Place: Certificate of Merit and \$30 certificate		
J801	Soo Yeon (Nancy) Kim	Holton-Arms School

**For Excellent Junior Projects Relating to Zoology, Microbiology
or Medical Health**

3rd Place: Certificate of Merit and \$10 certificate		
J1105	Marcus Fernandez	Roberto Clemente Middle School
2nd Place: Certificate of Merit and \$20 certificate		
J1017	Lauren White	St. Andrew Apostle School
J1017	Madeleine Boies	St. Andrew Apostle School
1st Place: Certificate of Merit and \$30 certificate		
J1104	Eric Yi	Takoma Park Middle School
J1104	William Cai	Takoma Park Middle School

Geological Society of Washington**For Excellence in Earth Science**

2 awards for Third Place Junior: Certificate and ribbon

J817	Paul B. Ellis	Sligo Middle School
J612	William Durr	John H. Poole Middle School

Second Place Junior: Certificate and ribbon

J617	Jonathan Zhang	Roberto Clemente Middle School
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First Place Junior: Certificate, ribbon and invitation to present project at a GSW Meeting

J708	Thomas McHale	North Bethesda Middle School
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First Place Senior: Certificate, ribbon and invitation to present project at a GSW Meeting

S811	Daniel Nola	Sherwood High School
S811	Kevin Takiar	Sherwood High School

George Washington University School of Eng. and Applied Science Eng. Alumni Assoc**For Excellence in Engineering and Applied Science**

Honorable Mention Certificate

S1207	Shiyang Li	Rockville High School
S709	Kiernan Hahn	Bethesda-Chevy Chase High School
S706	Minna Jacobson	Bethesda-Chevy Chase High School

2nd Place: Certificate, Bag of items and invitation to SEAS reception

S804	Nicholas Chisholm	Rockville High School
S1014	Maria Correa	Sherwood High School
S1205	Molly Grossman	Sherwood High School
S708	Kevin Hogan	Sherwood High School
S708	Manpreet Khural	Sherwood High School
S708	Scott Hoffer	Sherwood High School

1st Place: Certificate, Bag of items and invitation to SEAS reception

S806	Elizabeth Himwich	Bethesda-Chevy Chase High School
S1005	Eric Ockenhouse	Bethesda-Chevy Chase High School
S1003	Surbhi Agrawal	Walt Whitman High School
S901	Alexander Bliskovsky	Bethesda-Chevy Chase High School
S1204	Victor Santos	Sherwood High School
S703	Mona Mohseni	Walt Whitman High School

Graduate Women in Science**For Students Demonstrating Excellence in the Sciences**

Honorable Mentions: Certificate of Achievement

S415	Wesley Harris	Sherwood High School
S415	Ryland Bursaw	Sherwood High School
J215	Nadiya Kutishcheva	Roberto Clemente Middle School
S1009	Krista Caroline Fryauff	Poolesville High School
S101	Matt Chiogioji	Sherwood High School
S101	Kaitlin Berry	Sherwood High School
S1015	Tsion Zewdie	Sherwood High School
S1015	Adey Worku	Sherwood High School
S1006	Justin Gorinson	Sherwood High School
S1006	Leigh Harrison	Sherwood High School
S1007	George Kotsiras	Sherwood High School
S1008	Madison Yeutter	Bethesda-Chevy Chase High School
J1022	Brinton Amobi	Forcey Christian Middle School
J1017	Lauren White	St. Andrew Apostle School
J1017	Madeleine Boies	St. Andrew Apostle School

First place: Certificate of Excellence

S1014	Maria Correa	Sherwood High School
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**Institute of Electrical and Electronics Engineers (IEEE) Washington Section
For Excellence in Electrical Engineering, Physics,
Computer Science and Related Areas**

3rd Place: Certificate of Merit and \$100		
S702	Austin Gentry	Sherwood High School
S702	Travis Hyams	Sherwood High School
S702	Joyce Nam	Sherwood High School
2nd Place: Certificate of Merit and \$200		
S709	Kiernan Hahn	Bethesda-Chevy Chase High School
1st Place: Certificate of Merit, \$300 and Invitation to Award Banquet		
S807	Tiffany Le	Poolesville High School

**Institute of Food Technologists, DC Section
For Outstanding Food Science Projects**

Junior Division: Certificate of Excellence and Book		
J306	Christine Allaire	Holy Cross School
Senior Division: Certificate of Excellence and Book		
S408	Andy Schmitt	Rockville High School

**Intel Excellence in Computer Science Award
For Excellence in the Use of Computer Technology in the Senior Division**

2 Awards: Certificate of Achievement and \$200		
S901	Alexander Bliskovsky	Bethesda-Chevy Chase High School
S708	Kevin Hogan	Sherwood High School
S708	Manpreet Khural	Sherwood High School
S708	Scott Hoffer	Sherwood High School

**I-SWEEEP: International Sustainable World (Engineering, Energy, Environment)
Project Olympiad
For Outstanding Projects in Environmental Sustainability and Innovation**

Junior: Sustainability Award and Invitation to participate in 2009 Olympiad.		
J801	Soo Yeon (Nancy) Kim	Holton-Arms School
Senior: Sustainability Award and Invitation to participate in 2009 Olympiad.		
S701	Parinaz Fathi	Muslim Community School
Senior: Outstanding Sustainability Award and Invitation to participate in 2009 Olympiad.		
S708	Kevin Hogan	Sherwood High School
S708	Manpreet Khural	Sherwood High School
S708	Scott Hoffer	Sherwood High School

**MedImmune Advancing Science for Better Health Award
Best Individual Project with Biological Relevance to the
Causes, Treatment and Prevention of Human Disease,
Exemplifying Values Core to MedImmune Philosophy; High Integrity,
Strong Work Ethic, Entrepreneurial Spirit and Collaboration**

6-week Paid Internship at MedImmune and \$100 and a plaque		
S209	Sneha Kannan	Montgomery Blair High School

**Mu Alpha Theta
For Challenging, Original, Thorough and Creative Investigation of
Problems Involving Modern Mathematics**

2 Certificates of Achievement in the Senior Division		
S1205	Molly Grossman	Sherwood High School
S1207	Shiyang Li	Rockville High School

National Capital Astronomers (PLEASE STAND ONLY)**For Projects Demonstrating Excellence in Astronomy**

One year membership in NCA; One year subscription to Sky and Telescope magazine	
J622	Elizabeth Meier Parkland Middle School

National Oceanic and Atmospheric Administration (NOAA)**For Research That Helps Understand and Predict Changes in Earth's Environment, and Conserve and Manage Natural Resources**

Junior Division: Certificate of Honor and Medallion	
J828	Ankit Sarkar Cabin John Middle School
Senior Division: Certificate of Honor and Medallion	
S414	Brina Seidel Bethesda-Chevy Chase High School

National Society of Professional Engineers**For Projects Demonstrating Innovative Engineering**

Junior Division: Certificate of Honor and Lapel Pin	
J717	Pablo Lopez Holy Cross School
Senior Division: Certificate of Honor and Lapel Pin	
S708	Kevin Hogan Sherwood High School
S708	Manpreet Khural Sherwood High School
S708	Scott Hoffer Sherwood High School

National Space Club**For Outstanding Projects in Space Science and Engineering**

3 Honorable Mentions: Certificate	
S712	Jake Ullman Bethesda-Chevy Chase High School
S405	A. Yashodhara Rao Walt Whitman High School
J720	Ollen Douglass Cabin John Middle School
First Place: Certificate and \$500; invitation to Goddard Luncheon at Goddard Space Flight Center	
S1205	Molly Grossman Sherwood High School

Office of Naval Research**For Achievement in Science or Technology**

7 Junior Division prizes: Certificate and Medallion	
J728	Christian Schmidt Roberto Clemente Middle School
J826	Katherine Silberholz Roberto Clemente Middle School
J708	Thomas McHale North Bethesda Middle School
J901	Aanchal Johri Takoma Park Middle School
J1205	Jinhie Skarda Thomas W. Pyle Middle School
J1213	Deborah Wu Forcey Christian Middle School
J1214	William Miyashita St. Catherine Laboure School
4 Senior Division prizes: Certificate, Medallion, and a \$50 gift certificate	
S404	Eric Chen Winston Churchill High School
S405	A. Yashodhara Rao Walt Whitman High School
S1205	Molly Grossman Sherwood High School
S1105	Kettner Griswold Walt Whitman High School

Optical Society of America, National Capital Section**For Notable Achievement in the Optical Sciences**

6 Junior Division Certificate of Achievement		
J1237	Neelanjan Lahiri	Parkland Middle School
J830	Anthony Gonzalez	Roberto Clemente Middle School
J1228	David Zhang	Roberto Clemente Middle School
J828	Ankit Sarkar	Cabin John Middle School
J1234	Oscar Mujica	Earle B. Wood Middle School
J826	Katherine Silberholz	Roberto Clemente Middle School
3 Senior Division Certificate of Achievement		
S1205	Molly Grossman	Sherwood High School
S1206	Rolando Masís	Richard Montgomery High School
S1105	Kettner Griswold	Walt Whitman High School

Ricoh Sustainable Development Award 2009**For Outstanding Projects Addressing the Potential for Increasing Our Ability to Grow Environmentally Friendly and Socially Responsible Businesses**

2 Junior Division: Certificates		
J721	Megan Rider	Earle B. Wood Middle School
J1228	David Zhang	Roberto Clemente Middle School

Sigma Xi, NIST Chapter**For Excellence in Measurement Science**

Certificate of Excellence and \$50 and invitation to Annual NIST Sigma Xi Banquet		
S1205	Molly Grossman	Sherwood High School

Sigma Xi, FDA Chapter (PLEASE STAND ONLY)**For Excellence in Food and Drug Science**

Honorable Mention: Certificate		
S301	Rachael Lee	Walt Whitman High School
2nd Place: \$50 gift card and Certificate		
S402	Re-I Chin	Walter Johnson High School
1st Place: \$100 gift card and Invitation for 3 to Spring Banquet		
S209	Sneha Kannan	Montgomery Blair High School

Society for In Vitro Biology**For 11th Grade Projects Demonstrating Excellent Research in
Plant or Animal in vitro Biology or Tissue Culture**

Two Certificates of Outstanding Achievement

S201	Daiki Okazaki	Winston Churchill High School
S301	Rachael Lee	Walt Whitman High School

Stockholm Junior Water Prize**For Excellence in Water Research**

6 (Invitation to compete at the State, National and International levels)

S809	Matt Dutko	Bethesda-Chevy Chase High School
S809	Tony Hoang	Bethesda-Chevy Chase High School
S308	Amy Miller	Bethesda-Chevy Chase High School
S309	Randall Hoffmann	Sherwood High School
S403	Amare Tola	Montgomery Blair High School
S403	Eyerusalem Feleke	Montgomery Blair High School
S413	Ariel Gewirtz	Bethesda-Chevy Chase High School
S414	Brina Seidel	Bethesda-Chevy Chase High School

Surfrider Foundation, DC Chapter**For Excellence in Ocean and Environmental Sciences Research**

Plaque and membership in the Surfrider Foundation

S811	Daniel Nola	Sherwood High School
S811	Kevin Takiar	Sherwood High School
J819	Joie Chang	Takoma Park Middle School
J819	Lisha Ruan	Takoma Park Middle School

Towson University**For Excellence in Science**

2 Towson University Awards: Certificates of Excellence and \$50 each

S1103	Eric Keen	Home Schooled
S1203	Natalie Snyder	Rockville High School

U.S. Airforce**For Excellence in Science and Engineering**

8 Awards: Certificate, computer bag, MP3 player, Jotter, and Mini Twist Pen

J1203	Sasha Maldonado	Roberto Clemente Middle School
J1205	Jinhie Skarda	Thomas W. Pyle Middle School
J720	Ollen Douglass	Cabin John Middle School
J903	Alessandra Breen	St. Andrew Apostle School
J1001	Garrett Smith	Forcey Christian Middle School
J1002	Addisu Mesfin	Forcey Christian Middle School
J1008	Nathan Adal	Forcey Christian Middle School
J1234	Oscar Mujica	Earle B. Wood Middle School

4 Certificates

J715	Brian Schonfeld	Charles E. Smith Jewish Day School
J723	Brandon Sheridan	Cabin John Middle School
J902	Anastasia Laurenzo	Parkland Middle School
J1012	John Anderson	Takoma Park Middle School

U.S. Army - Research Office**For Scientific Excellence**

6 Honorable Mention: Certificate

S405	A. Yashodhara Rao	Walt Whitman High School
S708	Kevin Hogan	Sherwood High School
S708	Manpreet Khural	Sherwood High School
S708	Scott Hoffer	Sherwood High School
S414	Brina Seidel	Bethesda-Chevy Chase High School
S703	Mona Mohseni	Walt Whitman High School
S705	Teddy Weisman	Bethesda-Chevy Chase High School
S705	Julien Kilian	Bethesda-Chevy Chase High School
S706	Minna Jacobson	Bethesda-Chevy Chase High School

8 Awards : Certificate of Achievement, Presentation Folder, and polo shirt

S707	Colin Versteeg	Bethesda-Chevy Chase High School
S1206	Rolando Masís	Richard Montgomery High School
S1209	Aditi Shenoy	Thomas S. Wootton High School
S901	Alexander Bliskovsky	Bethesda-Chevy Chase High School
S1204	Victor Santos	Sherwood High School
S804	Nicholas Chisholm	Rockville High School
S1002	Chelsea Jacobs	Sherwood High School
S1002	Mia Woldoff	Sherwood High School
S1002	Nicole D'Amato	Sherwood High School
S811	Daniel Nola	Sherwood High School
S811	Kevin Takiar	Sherwood High School

2 Awards 1st Prize: Certificate of Achievement, Presentation Folder, polo shirt and Medallion

S1205	Molly Grossman	Sherwood High School
S402	Re-I Chin	Walter Johnson High School

U.S. Metric Association**For Best Use of the SI Metric System for a Significant Amount of Quantitative Measurement**

Junior Division: Honorable Mention

J407	Sophie Colle	Tilden Middle School
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Senior Division: 2 Certificates of Merit

S703	Mona Mohseni	Walt Whitman High School
S803	Jessie Karp	Sherwood High School
S803	Katie Koren	Sherwood High School

U.S. Nuclear Regulatory Commission**For Outstanding Projects Relating to NRC's Mission or Activities
Invitation to Awards Ceremony, Special Presentation about NRC
and Tour of the NRC Operations Center**

Junior U.S. NRC Special Award Winner

J504	Charles Yin	Takoma Park Middle School
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Junior U.S. NRC Honorable Mention

J702	Ally Flechsig	St. Andrew Apostle School
J702	Camaryn Kerns	St. Andrew Apostle School

Senior U.S. NRC Special Award Winner

S405	A. Yashodhara Rao	Walt Whitman High School
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Senior U.S. NRC Honorable Mention

S208	Julia Hardgrove	Bethesda-Chevy Chase High School
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U.S. Public Health Service**For Outstanding Projects in Health-Related Research**

2 Certificates of Recognition and medals

J1013	Ankita Reddy	Eastern Middle School
J1013	Aditi Subramaniam	Eastern Middle School
J1010	Cecilia Kwakye	Forcey Christian Middle School

**U.S. Public Health Service - Commissioned Officers Association
For Outstanding Projects in Health-related Research**

20 Meritorious Award Certificate

S1008	Madison Yeutter	Bethesda-Chevy Chase High School
S1202	Amanda Nardone	Sherwood High School
S1202	Katie Shoemaker	Sherwood High School
S1010	Adela Miller	Winston Churchill High School
S415	Wesley Harris	Sherwood High School
S415	Ryland Bursaw	Sherwood High School
J215	Nadiya Kutishcheva	Roberto Clemente Middle School
S1015	Tsion Zewdie	Sherwood High School
S1015	Adey Worku	Sherwood High School
S1104	Alec Renz	Sherwood High School
S1104	Colin Bonhag	Sherwood High School
S1204	Victor Santos	Sherwood High School
S101	Matt Chiogioji	Sherwood High School
S101	Kaitlin Berry	Sherwood High School
S1007	George Kotsiras	Sherwood High School
S114	Caroline Diehl	Bethesda-Chevy Chase High School
J709	Devin Luce	Parkland Middle School
J1007	Nathaly Aramayo	Roberto Clemente Middle School
J1007	Taylor Simpson	Roberto Clemente Middle School
J1010	Cecilia Kwakye	Forcey Christian Middle School
J301	Jonaton Baginski	Earle B. Wood Middle School
S201	Daiki Okazaki	Winston Churchill High School
J1022	Brinton Amobi	Forcey Christian Middle School
S301	Rachael Lee	Walt Whitman High School
S701	Parinaz Fathi	Muslim Community School
S1009	Krista Caroline Fryauff	Poolesville High School
3rd Place Distinguished Achievement Award		
S1014	Maria Correa	Sherwood High School
2nd Place Distinguished Achievement Award		
S1103	Eric Keen	Home Schooled
1st Place Distinguished Achievement Award		
S1107	Samir Kumar Devalaraja	Thomas S. Wootton High School

Washington Statistical Society

For Excellence in the Investigation or Use of Statistical Methods

11 Honorable Mention: Certificates of Excellence

S309	Randall Hoffmann	Sherwood High School
S103	Samantha Smith	Sherwood High School
S103	Kelly Stout	Sherwood High School
S109	Alyssa Porter	Sherwood High School
S109	Sammy Wool	Sherwood High School
S109	Jes Rodas	Sherwood High School
S1014	Maria Correa	Sherwood High School
S110	Kathleen Wortmann	Sherwood High School
S110	Tanya Abraham	Sherwood High School
S811	Daniel Nola	Sherwood High School
S811	Kevin Takiar	Sherwood High School
Two 2nd Place prizes: Statistics Book, ASA School Membership, Subscription to <u>STATS</u>,		
J407	Sophie Colle	Tilden Middle School
J827	Carolina Zarate	Roberto Clemente Middle School
1st Place: \$150, ASA School Membership, Subscription to <u>STATS</u>,		
J330	Stephen Lee	Herbert Hoover Middle School

West Montgomery County Citizens Association

**For Projects That Include Observations and Data from an
Out-of-doors Site in Montgomery County**

Ribbon and Invitation to present at WMCCA meeting

J326	Eileen Liu	Roberto Clemente Middle School
J829	Olivia Chao	Cabin John Middle School
J817	Paul B. Ellis	Sligo Middle School
S811	Daniel Nola	Sherwood High School
S811	Kevin Takiar	Sherwood High School
S308	Amy Miller	Bethesda-Chevy Chase High School

Yale Science & Engineering Assoc. Inc.

**For the Most Outstanding 11th Grade Student from the Areas of
Computer Science, Engineering, Physics or Chemistry**

2 Awards: Certificate of Merit and Medallion

S708	Kevin Hogan	Sherwood High School
S708	Manpreet Khural	Sherwood High School
S708	Scott Hoffer	Sherwood High School
S405	A. Yashodhara Rao	Walt Whitman High School