

Award Winners from the 52nd
Science MONTGOMERY
The Montgomery County Science Fair
15 March 2008

ISEF AWARDS IN THE SENIOR DIVISION

Winners: Expense paid trip to compete in the INTEL International Science and Engineering Fair, May 11-16 in Atlanta, GA and \$250 Award

Mathematics

Paul Kominers

Walt Whitman High School

Chip-Firing Analysis of Stabilization Behaviors, Hitting Times, and Candy-Passing Games

Microbiology

Benjamin Hoffman

Georgetown Day Schol

Identification of Genes Differentially Expressed between Non-irradiated and Irradiated Sporozoites of a Live Attenuated Whole Parasite Malaria Vaccine

Biochemistry

Re-I Chin

Walter Johnson High School

Development of Plant Resources for K12 and Undergraduate Education in Genetics

Medicine and Health

James Iocozzia

Sherwood High School

Reaction Time to Touch Stimuli vs. Body Location

Runner Up: \$100 Cash and Alternate for trip to ISEF

Computer Science

Louis Wasserman

Montgomery Blair High School

A Monotone Characterization of P

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	S116	Amy Palumbo	Sherwood High School
	2	S112	Elizabeth Collins	Sherwood High School
	3	S101	Nikki Duong	Sherwood High School
	3	S101	Andrew Vu	Sherwood High School
	H	S107	Stephen Ajamian	Sherwood High School
	H	S111	Brittany Mills	Sherwood High School
	H	S111	Rachel Iacangelo	Sherwood High School
	H	S111	Alex Proctor	Sherwood High School
	H	S114	Liz Kubis	Sherwood High School
	H	S114	Emily Byrne	Sherwood 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	S204	Re-I Chin	Walter Johnson High School
	2	S201	Evan Scher	Sherwood High School
	3	S202	Milano Tesfaye	Montgomery Blair High School
	3	S202	Bethlehem Taye	Montgomery Blair High School
S300 Biology				
	1	S319	Solomia Zavalij	Sherwood High School
	1	S319	Lisa Crawford	Sherwood High School
	2	S315	Jonathan Chan	Sherwood High School
	2	S315	Vincent Ho	Sherwood High School
	2	S315	Dakari Quimby	Sherwood High School
	2	S320	Christopher Kim	Sherwood High School
	2	S320	Justin Lee	Sherwood High School
	2	S307	Katherine Rentas	Sherwood High School
	2	S307	Kristen Steiner	Sherwood High School
	2	S307	Jessica Levy	Sherwood High School
	3	S301	Rachel Hart	Thomas S. Wootton High School
	3	S305	Julia Kim	Sherwood High School
	3	S305	Andrew Midgette	Sherwood High School
S400 Chemistry				
	1	S407	A. Sarada Rao	Walt Whitman High School
	3	S404	Nat Enelow	Bethesda-Chevy Chase High School
	3	S404	Taylor Brent	Bethesda-Chevy Chase High School
	3	S406	Zachary Hopkins	Sherwood High School
	3	S409	Abby Klein	Bethesda-Chevy Chase High School
	3	S410	Rajat Shivacharan	Watkins Mill High School
S500 Computer Science				
	1	S501	Louis Wasserman	Montgomery Blair High School
	2	S504	Jacob Hurwitz	Montgomery Blair High School
	3	S503	William Paintsil	Montgomery Blair High School
	H	S502	Peter Mayhew	Bethesda-Chevy Chase High School
	H	S502	Andrew Crouch	Bethesda-Chevy Chase High School

S700	Engineering Category-presented this year with special thanks to our \$5000 Titanium Sponsor, Northrop Grumman, "Defining the Future".		
1	S706	A. Yashodhara Rao	Walt Whitman High School
2	S707	Eric Chen	Winston Churchill High School
3	S705	Melody Alsheikhly	Winston Churchill High School
3	S705	Femi Pai	Winston Churchill High School
H	S708	Francie Jaffe	Bethesda-Chevy Chase High School
H	S709	Olivia Bozik	Montgomery Blair High School
H	S709	Areeb Quasem	Montgomery Blair High School
H	S710	Greg Daines	Bethesda-Chevy Chase High School
S800	Environmental Sciences		
1	S812	Sikandar Porter-Gill	Gaithersburg High School
2	S811	Daniel Choquette	Sherwood High School
2	S811	Kyle Le	Sherwood High School
2	S811	Thomas Blackmon	Sherwood High School
3	S804	Shivali Choxi	Sherwood High School
3	S804	Kieran Sweeney	Sherwood High School
3	S805	Madison Yeutter	Bethesda-Chevy Chase High School
3	S807	Simthana Islam	Montgomery Blair High School
3	S807	Eden Yilma	Montgomery Blair High School
H	S802	Katie Quirk	Sherwood High School
H	S809	Jeremy Melmed	Bethesda-Chevy Chase High School
S900	Mathematics		
1	S903	Paul Kominers	Walt Whitman High School
2	S901	Katie Kauffman	Sherwood High School
S1000	Medicine and Health Category--presented this year with special thanks to our \$15,000 Platinum Sponsor, MediImmune: "Advancing Science for Better Health."		
1	S1008	James Iocozzia	Sherwood High School
2	S1009	Yang Yang	Montgomery Blair High School
2	S1006	Tania Chatterjee	Col. Zadok Magruder High School
3	S1005	Yasamin Abbaszadeh	Sherwood High School
3	S1005	Rachel Kane	Sherwood High School
3	S1004	Yiwei Li	Seneca Valley High School
3	S1007	Eric Ockenhouse	Bethesda-Chevy Chase High School
H	S1002	Sameera Bachoti	Northwest High School
S1100	Microbiology		
1	S1106	Benjamin Hoffman	Georgetown Day School
2	S1103	David Tao	Montgomery Blair High School
2	S1110	Alisa Lu	Montgomery Blair High School
3	S1101	Vikram Linga	Sherwood High School
H	S1107	Ilya Papatsenko	Thomas S. Wootton High School
H	S1109	Alexander Zhu	Poolesville High School
S1200	Physics		
1	S1202	Brina Seidel	Bethesda-Chevy Chase High School
2	S1203	Peter Bowes	Bethesda-Chevy Chase High School
3	S1201	Boris Vassilev	Montgomery Blair 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	J113	Michael Keen	Home Schooled
	2	J118	Kevin Chiang	Takoma Park Middle School
	2	J118	Abhishek Desai	Takoma Park Middle School
	3	J103	Rebecca Wellman	Forcey Christian Middle School
	H	J117	Brendan Chang	Roberto Clemente Middle School
	H	J117	Vikash Sahu	Roberto Clemente Middle School
	H	J107	Trevor Taylor	Forcey Christian Middle School
	H	J114	Emmy Johnson	Takoma Park Middle School
	H	J114	Lori Kaufman	Takoma Park Middle School
	H	J115	Naomi Rubin	Takoma Park Middle School
	H	J115	Abigail Ostriker	Takoma Park 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	J205	Nivetita Ravi	Neelsville Middle School
	2	J203	Myles Wagner	Takoma Park Middle School
	3	J202	Sajjad Soltanmohammadi	Muslim Community School
	H	J204	Alessandra Breen	St. Andrew Apostle School
	H	J201	Erin Rutter	Argyle Middle School
	H	J201	Kayla Johnson	Argyle Middle School
J300	Biology			
	1	J310	Matthew Hsieh	Forcey Christian Middle School
	2	J312	Eleanor Quinn-Gibney	North Bethesda Middle School
	2	J309	Robin Danielsen	Roberto Clemente Middle School
	2	J307	Kira Finkel	Charles E. Smith Jewish Day School
	3	J302	Samantha Bauer	Earle B. Wood Middle School
	3	J302	Katharine Manor	Earle B. Wood Middle School
	3	J302	Megan Glaser	Earle B. Wood Middle School
	3	J326	Madeline Dunn	St. Andrew Apostle School
	3	J326	Caitlin DeSantis	St. Andrew Apostle School
	3	J326	Caroline DeSantis	St. Andrew Apostle School
	3	J329	Kripa Shyamakrishnan	Other School-See notes
J400	Chemistry			
	1	J402	Lauren White	St. Andrew Apostle School
	1	J402	Madeleine Boies	St. Andrew Apostle School
	2	J418	Lindsay Poss	John H. Poole Middle School
	2	J410	Jack Berrigan	Earle B. Wood Middle School
	3	J426	Jiaqi Li	Roberto Clemente Middle School
	3	J426	Cydney Nguyen	Roberto Clemente Middle School
	3	J412	Laura Sachs	A. Mario Loiederman Middle School
	3	J413	Rebecca Miller	A. Mario Loiederman Middle School
	3	J431	Adam Zamostny	Sligo Middle School
	H	J403	Alice Gindin	Cabin John Middle School
	H	J403	Lisa Johnsen	Cabin John Middle School
	H	J404	Ariel Hsu	Takoma Park Middle School
	H	J404	Alexandra Boukhvalova	Takoma Park Middle School
	H	J414	Erin Ingeholm	A. Mario Loiederman Middle School
	H	J419	Joan Sergay	Westland Middle School
	H	J420	Hiroshi Furuya	Roberto Clemente Middle School
	H	J420	Edwin Rosemond	Roberto Clemente Middle School
	H	J421	Kyle Starost	Redland Middle School
	H	J423	Marc Torres	Roberto Clemente Middle School
	H	J430	Lena Wrightson	Forcey Christian Middle School

Award Winners from the 52nd Annual

Sciencemontgomery

The Montgomery County Science Fair

15 March 2008

J500	Computer Science			
	1	J502	Jack Zhu	Parkland Middle School
	1	J502	Bruce Yuen	Parkland Middle School
	1	J502	Andrew Zhang	Parkland Middle School
	2	J504	Kevin Li	Parkland Middle School
	2	J504	Daniel Luu	Parkland Middle School
	2	J504	Matthew Caramanico	Parkland Middle School
	3	J503	Daniel Galitsky	Parkland Middle School
J600	Earth and Space Science			
	1	J603	Miles King	Cabin John Middle School
	2	J605	Pradip Ramamurti	White Oak Middle School
	3	J606	Hannah Terwilliger	Earle B. Wood Middle School
	H	J604	Valentina Duk	Parkland Middle School
	H	J612	Michael Aubertin	Earle B. Wood Middle School
J700	Engineering Category-presented this year with special thanks to our \$5000 Titanium Sponsor, Northrop Grumman, "Defining the Future".			
	1	J705	Megan Rider	Earle B. Wood Middle School
	2	J737	Camaryn Kerns	St. Andrew Apostle School
	2	J737	Ally Flechsig	St. Andrew Apostle School
	3	J724	Thomas McHale	North Bethesda Middle School
	H	J713	Tim Souders	Sligo Middle School
	H	J715	Ankush Tatwadhia	Roberto Clemente Middle School
	H	J717	Ollen Douglass	Cabin John Middle School
	H	J739	Melodi Anahtar	Takoma Park Middle School
	H	J740	Nina Lu	Takoma Park Middle School
	H	J740	Victoria Pai	Takoma Park Middle School
	H	J745	Elena Choong	St. Catherine Laboure School
	H	J750	Nicholas VonUtter	St. Andrew Apostle School
	H	J750	James Farace	St. Andrew Apostle School
J800	Environmental Sciences			
	1	J815	Eric Keen	Home Schooled
	2	J826	Nancy Kim	Holton-Arms School
	2	J803	Brandon Wong	John H. Poole Middle School
	2	J823	Nicole Brimmer	Takoma Park Middle School
	3	J809	Deborah Ehrenreich	St. Andrew Apostle School
	3	J810	Ellen Gira	Cabin John Middle School
	3	J839	Alix Philogene	St. Andrew Apostle School
	3	J841	Miranda Lingenfelter	North Bethesda Middle School
	H	J820	Samantha Schweickhardt	Takoma Park Middle School
	H	J820	Becca Arbacher	Takoma Park Middle School
	H	J829	Mara Pugh	Cabin John Middle School
	H	J829	Hannah Burr	Cabin John Middle School
	H	J832	Priyanka Patel	Rocky Hill Middle School
	H	J832	Shreya Barthwal	Roberto Clemente Middle School
	H	J802	Madeline Poss	John H. Poole Middle School
J900	Mathematics			
	1	J903	Luis Gracian	Roberto Clemente Middle School
	2	J902	Alan Du	Takoma Park Middle School
	3	J906	Alice Mukora	Parkland Middle School
	H	J901	Catrina Johnson	Parkland Middle School
	H	J904	Parastoo Neyzari	Muslim Community 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	J1006	Michael Hatchett	Roberto Clemente Middle School
2	J1013	Daniela Mujica	Earle B. Wood Middle School
2	J1011	Grant Fox	Cabin John Middle School
3	J1012	Rakhee Jain	Roberto Clemente Middle School
3	J1012	Anika Jain	Roberto Clemente Middle School
3	J1007	Tanique Philogene	St. Andrew Apostle School
H	J1001	Gerald Welch	Redland Middle School
H	J1002	Neva Gakavian	Forcey Christian Middle School

J1100 Microbiology

1	J1101	Valery Leng	Roberto Clemente Middle School
1	J1101	Cynthia Gan	Roberto Clemente Middle School
2	J1110	Antara Joardar	Takoma Park Middle School
2	J1110	Arpita Ghosh	Takoma Park Middle School
2	J1110	Sahaana Arumugam	Takoma Park Middle School
2	J1111	Michael Anderson	Takoma Park Middle School
2	J1111	Benjamin Lowenstein	Takoma Park Middle School
3	J1104	Nicole Arabov	Charles E. Smith Jewish Day School
3	J1104	Olivia Wasserman	Charles E. Smith Jewish Day School
3	J1108	William Cai	Takoma Park Middle School
3	J1112	Madison Cecco	John H. Poole Middle School
H	J1109	Emma Luigard	Takoma Park Middle School
H	J1105	Adarsh ETTYREDDY	Takoma Park Middle School

J1200 Physics

1	J1226	Darya Rahbar	North Bethesda Middle School
2	J1207	Rolando Masís	Cabin John Middle School
2	J1223	Oscar Mujica	Earle B. Wood Middle School
2	J1239	Daniel Rivers	Parkland Middle School
3	J1204	Spencer Sampson	Argyle Middle School
3	J1218	Justin Ho	Forcey Christian Middle School
3	J1222	Ruthie Prillaman	Cabin John Middle School
3	J1222	Maggie Pelta-Pauls	Cabin John Middle School
3	J1236	Prashan Dharmasena	Earle B. Wood Middle School
3	J1238	Shaun Datta	Takoma Park Middle School
3	J1247	Brenna Means	Cabin John Middle School
H	J1201	Carolina Carbajal	Parkland Middle School
H	J1212	Clarissa Balint	Forcey Christian Middle School
H	J1214	Suzanne Xu	Cabin John Middle School
H	J1217	Pavleen Thukral	Roberto Clemente Middle School
H	J1215	Cory Covington	St. Andrew Apostle School
H	J1215	Malik Terry-Wiggins	St. Andrew Apostle School
H	J1233	Garrett Foss	Earle B. Wood Middle School

COMMUNITY AWARDS

PRESENTED BY COMMUNITY ORGANIZATIONS IN SUPPORT OF YOUNG SCIENTISTS AND ENGINEERS

American Industrial Hygiene Association (AIHA) Potomac Section

For Achievements in Projects Demonstrating Excellent Industrial Hygiene Practice or Technology

Senior Division, 1st Place: Certificate and \$75		
S405	Hien Truong	Sherwood High School
S405	Sydney Rosebraugh	Sherwood High School
Senior Division, 2nd Place: Certificate and \$50		
S109	Melanie Fajardo	Sherwood High School
S109	Chris Palumbo	Sherwood High School
S109	Jen Chiogioji	Sherwood High School
Junior Division, 1st Place: Certificate and \$75		
J1238	Shaun Datta	Takoma Park Middle School
Junior Division, 2nd Place: Certificate and \$50		
J745	Elena Choong	St. Catherine Laboure School
Junior Division, 3rd Place: Certificate and \$25		
J1005	Amanda Feagans	Forcey Christian Middle School

American Institute of Aeronautics & Astronautics (AIAA)

For Excellent Achievements in Projects in Space and Aviation

1st Place – 1 week at Space Camp or Aviation Challenge		
Invitation to Awards Banquet and one year student membership		
J1239	Daniel Rivers	Parkland Middle School
2nd Place: \$100 and Invitation to Awards Banquet, one year student membership		
J717	Ollen Douglass	Cabin John Middle School
3rd Place: \$ 75 and Invitation to Awards Banquet plus one year student membership		
J723	Julian Raul	St. Andrew Apostle School
Honorable Mention		
J1230	David LoBosco	Earle B. Wood Middle School
J729	Kelvin Chang	Parkland Middle School
J729	Manju Shivacharan	Parkland Middle School

American Meteorological Society (AMS)

For Outstanding Achievement for Ability and Creativity in an Atmospheric Science

Junior Certificate and invitation to June Banquet		
J820	Samantha Schweickhardt	Takoma Park Middle School
J820	Becca Arbacher	Takoma Park Middle School
Senior Certificate and invitation to June Banquet		
S811	Daniel Choquette	Sherwood High School
S811	Kyle Le	Sherwood High School
S811	Thomas Blackmon	Sherwood High School

American Nuclear Society; Washington, DC Section

For Outstanding Achievement in Projects in Nuclear Physics and Technology

1st Place Certificate and \$100		
S409	Abby Klein	Bethesda-Chevy Chase High School
2nd Place Certificate and \$50		
J701	Victor Ying	Roberto Clemente Middle School
3rd Place Certificate and Book "Radiation and Modern Life"		
J1214	Suzanne Xu	Cabin John Middle School
Honorable Mention Certificate		
J1239	Daniel Rivers	Parkland Middle School
J724	Thomas McHale	North Bethesda Middle School

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American Psychological Assoc.**Recognizing Outstanding Research Projects in Behavior and Social S**

Junior Division Certificate J113	Michael Keen	Home Schooled
Senior Division Certificate S116	Amy Palumbo	Sherwood High School

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

1st Place: Certificate, \$75 S706	Check and Invitation to attend awards banquet A. Yashodhara Rao	Walt Whitman High School
2nd Place: Certificate, \$50 J737	Check, and invitation to attend awards banquet Camaryn Kerns	St. Andrew Apostle School
J737	Ally Flechsig	St. Andrew Apostle School
3rd Place: Certificate and \$25 J705	Check Megan Rider	Earle B. Wood Middle School

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

Junior Division: \$250 Cash J107	Scholarship Trevor Taylor	Forcey Christian Middle School
Senior Division: \$500 Cash S1109	Scholarship Alexander Zhu	Poolesville High School

American Society of Metals, International Foundation (ASM)**For Best Projects in Materials Engineering**

Junior Division Most Outstanding in Materials Science J751	Certificate and Medallion (to be sent later) Vishnupriya Kareddy	Parkland Middle School
Senior Division Most Outstanding in Materials Science S406	Certificate and Medallion (to be sent later) Zachary Hopkins	Sherwood High School

American University**\$1,000 Annual Scholarships and Special Admission Consideration to ISEF Award Winners who Attend American University Majoring in a Field of Science****The ASM Materials Education Foundation****Recognizing Outstanding Projects in Physical Science**

Junior Division J820	Samantha Schweickhardt	Takoma Park Middle School
J820	Becca Arbacher	Takoma Park Middle School
Senior Division S812	Sikandar Porter-Gill	Gaithersburg High School

Association for Computing Machinery (ACM)**For Projects Reflecting an Interest in Computer Science**

Honorary One Year Student Membership S501	Louis Wasserman	Montgomery Blair High School
S502	Peter Mayhew	Bethesda-Chevy Chase High School
S502	Andrew Crouch	Bethesda-Chevy Chase High School
S502	Ander Beckham	Bethesda-Chevy Chase High School
S503	William Paintsil	Montgomery Blair High School
S504	Jacob Hurwitz	Montgomery Blair High School
J502	Jack Zhu	Parkland Middle School
J502	Bruce Yuen	Parkland Middle School
J502	Andrew Zhang	Parkland Middle School
J503	Daniel Galitsky	Parkland Middle School

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

Certificate of Excellence		
J606	Hannah Terwilliger	Earle B. Wood Middle School

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

1st Place Senior: Certificate and \$50		
S116	Amy Palumbo	Sherwood High School
2nd Place Senior: Certificate and \$40		
S112	Elizabeth Collins	Sherwood High School
3rd Place Senior: Certificate and \$25		
S101	Nikki Duong	Sherwood High School
S101	Andrew Vu	Sherwood High School
1st Place Junior: Certificate and \$50		
J113	Michael Keen	Home Schooled
2nd Place Junior: Certificate and \$40		
J118	Kevin Chiang	Takoma Park Middle School
J118	Abhishek Desai	Takoma Park Middle School
3rd Place Junior: Certificate and \$25		
J103	Rebecca Wellman	Forcey Christian Middle School

Central Intelligence Agency**For Projects in Technologies of National Interest**

Invitation to Awards Ceremony and Tour of CIA Headquarters		
S501	Louis Wasserman	Montgomery Blair High School
S504	Jacob Hurwitz	Montgomery Blair High School
S706	A. Yashodhara Rao	Walt Whitman High School
S711	Victoria Gersh	Bethesda-Chevy Chase High School
S901	Katie Kauffman	Sherwood High School
S1201	Boris Vassilev	Montgomery Blair High School
S1202	Brina Seidel	Bethesda-Chevy Chase High School
S406	Zachary Hopkins	Sherwood High School
S407	A. Sarada Rao	Walt Whitman High School
S409	Abby Klein	Bethesda-Chevy Chase High School
S410	Rajat Shivacharan	Watkins Mill High School

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

Certificates of Merit		
J403	Alice Gindin	Cabin John Middle School
J403	Lisa Johnsen	Cabin John Middle School
J402	Lauren White	St. Andrew Apostle School
J402	Madeleine Boies	St. Andrew Apostle School
J430	Lena Wrightson	Forcey Christian Middle School
J431	Adam Zamosny	Sligo Middle School
J410	Jack Berrigan	Earle B. Wood Middle School
J425	Jonathan Kau	Roberto Clemente Middle School
J405	Felix Zhou	Roberto Clemente Middle School
J421	Kyle Starost	Redland 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**

J751	Vishnupriya Kareddy	Parkland Middle School
J739	Melodi Anahtar	Takoma Park Middle School

Friends of Agricultural Research--Beltsville (FAR-B)

For Excellent Junior Projects Relating to Agriculture

1st Place: Certificate of Merit and \$50 certificate for Target		
J1107	Praveen Bachoti	Kingsview Middle School
J326	Madeline Dunn	St. Andrew Apostle School
J326	Caitlin DeSantis	St. Andrew Apostle School
J326	Caroline DeSantis	St. Andrew Apostle School
J815	Eric Keen	Home Schooled
2nd Place: Certificate of Merit and \$20 certificate for Target		
J1007	Tanique Philogene	St. Andrew Apostle School
J307	Kira Finkel	Charles E. Smith Jewish Day School
J1226	Darya Rahbar	North Bethesda Middle School
3rd Place: Certificate of Merit and \$10 certificate for Target		
J1013	Daniela Mujica	Earle B. Wood Middle School
J309	Robin Danielsen	Roberto Clemente Middle School
J1243	Charles Yin	Takoma Park Middle School

Geological Society of Washington

For Excellence in Projects Demonstrating an Appreciation of the Importance of Geology

Senior 1st Place: Certificate and Ribbon		
S811	Daniel Choquette	Sherwood High School
S811	Kyle Le	Sherwood High School
S811	Thomas Blackmon	Sherwood High School
Senior 2nd Place: Certificate and Ribbon		
S808	Joshua St.Pierre	Sherwood High School
S808	Will Bataller	Sherwood High School
S808	Kenny Rosenberg	Sherwood High School
Senior 3rd Place: Certificate and Ribbon		
S711	Victoria Gersh	Bethesda-Chevy Chase High School
Junior 1st Place: Certificate and Ribbon		
J605	Pradip Ramamurti	White Oak Middle School
Junior 2nd Place: Certificate and Ribbon		
J740	Nina Lu	Takoma Park Middle School
J740	Victoria Pai	Takoma Park Middle School
Junior 3rd Place: Certificate and Ribbon		
J840	James FitzGerald	Forcey Christian Middle School

Graduate Women in Science

For Female Students Demonstrating Excellence in the Sciences

First place: Certificate and 1 year subscription to Science News weekly magazine		
S1006	Tania Chatterjee	Col. Zadok Magruder High School
Honorable Mentions: Certificate of Recognition		
J402	Lauren White	St. Andrew Apostle School
J402	Madeleine Boies	St. Andrew Apostle School
J1002	Neva Gakavian	Forcey Christian Middle School
S204	Re-I Chin	Walter Johnson High School
S301	Rachel Hart	Thomas S. Wootton High School
S407	A. Sarada Rao	Walt Whitman High School
S705	Melody Alsheikhly	Winston Churchill High School
S705	Femi Pai	Winston Churchill High School
S1002	Sameera Bachoti	Northwest High School
S1004	Yiwei Li	Seneca Valley High School
S1012	Chinyere Okunji	Paint Branch High School

Herbert Hoover Young Engineer Award

For Outstanding Engineering Projects, Junior and Senior Divisions

Junior Division Certificate and Medallion		
J705	Megan Rider	Earle B. Wood Middle School
Senior Division Certificate and Medallion		
S706	A. Yashodhara Rao	Walt Whitman 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**

1st Place: Certificate of Merit, \$300 and Invitation to Award Banquet	S501	Louis Wasserman	Montgomery Blair High School
2nd Place: Certificate of Merit and \$200	S1202	Brina Seidel	Bethesda-Chevy Chase High School
3rd Place: Certificate of Merit and \$100	S712	Simon Mait	Bethesda-Chevy Chase High School

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

Junior Division: Book "What Einstein Told His Cook"	J812	Brook Yohannes	Forcey Christian Middle School
Senior Division: Book "What Einstein told his cook"	S410	Rajat Shivacharan	Watkins Mill High School

**Intel Excellence in Computer Science Award
For Excellence in the Senior Division Computer Science Category**

Certificate of Excellence and \$200	S501	Louis Wasserman	Montgomery Blair High School
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**I-SWEEP: International Sustainable World (Energy, Engineering, & Environment)
Project Olympiad**

Local expenses for trip to I-SWEEP Olympiad, Houston, TX May 2-4

JUNIOR	J705	Megan Rider	Earle B. Wood Middle School
	J815	Eric Keen	Home Schooled
SENIOR	S705	Femi Pai	Winston Churchill High School
	S705	Melody Alsheikhly	Winston Churchill High School
	S706	A. Yashodhara Rao	Walt Whitman High School
	S707	Eric Chen	Winston Churchill High School
	S811	Daniel Choquette	Sherwood High School
	S811	Kyle Le	Sherwood High School
	S811	Thomas Blackmon	Sherwood High School
	S812	Sikandar Porter-Gill	Gaithersburg 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 Summer Internship at MedImmune and \$100	S1004	Yiwei Li	Seneca Valley High School
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Mu Alpha Theta

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

S903	Paul Kominers	Walt Whitman High School
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National Association of Biology Teachers**For Projects Exemplifying the Highest Standards of
Innovativeness and Scientific Excellence in Life Science**

Certificate of Honor		
S204	Re-I Chin	Walter Johnson High School

National Capital Astronomers**For Projects Demonstrating Excellence in Astronomy**

One year membership; One year subscription to Sky and Telescope, and
 Invitation to Present Project at an organization Meeting
 And free dinner for winner and parent

J603	Miles King	Cabin John Middle School
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National Oceanic and Atmospheric Administration (NOAA)**For Research that Emphasizes NOAA's Mission to Understand and
Predict Changes in Earth's Environment and Conserve and Manage
Coastal and Marine Resources**

"Taking the Pulse of the Planet" Award: Certificate of Honor and Medallion (to be mailed later)

J815	Eric Keen	Home Schooled
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National Society of Professional Engineers**For Projects Demonstrating Innovative Engineering**

Junior Division: Certificate of Honor and One year subscription to Engineering Times

J705	Megan Rider	Earle B. Wood Middle School
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Senior Division: Certificate of Honor and One year subscription to Engineering Times

S706	A. Yashodhara Rao	Walt Whitman High School
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National Space Club**For Excellence in Earth and Space Science and Technology
Engineering, and/or Physics**

1st Place		
J609	Phillip Christman	Parkland Middle School
Honorable Mention		
S1202	Brina Seidel	Bethesda-Chevy Chase High School
S707	Eric Chen	Winston Churchill High School
J737	Camaryn Kerns	St. Andrew Apostle School
J737	Ally Flechsig	St. Andrew Apostle School

Office of Naval Research**For Achievement in Science, Technology, Math and Engineering**

5 Junior Division prizes: Certificate and Medallion

J603	Miles King	Cabin John Middle School
J606	Hannah Terwilliger	Earle B. Wood Middle School
J724	Thomas McHale	North Bethesda Middle School
J717	Ollen Douglass	Cabin John Middle School
J1226	Darya Rahbar	North Bethesda Middle School

3 Senior Division prizes: Certificate, Medallion, and a \$50 gift certificate

S706	A. Yashodhara Rao	Walt Whitman High School
S707	Eric Chen	Winston Churchill High School
S710	Greg Daines	Bethesda-Chevy Chase High School

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

Junior Division-- Notable Achievement: Certificate		
J739	Melodi Anahtar	Takoma Park Middle School
J751	Vishnupriya Kareddy	Parkland Middle School
J1206	Paul B. Ellis	Sligo Middle School
J301	Jennifer Gan	Roberto Clemente Middle School
J301	Yi Yang	Roberto Clemente Middle School
J902	Alan Du	Takoma Park Middle School
J829	Mara Pugh	Cabin John Middle School
J829	Hannah Burr	Cabin John Middle School
J1222	Ruthie Prillaman	Cabin John Middle School
J1222	Maggie Pelta-Pauls	Cabin John Middle School
J1241	Benjamin Strouse	Parkland Middle School
J1213	Juan Diego Palomino	Parkland Middle School
Senior Division--Notable Achievement Award: Certificate		
S307	Katherine Rentas	Sherwood High School
S307	Kristen Steiner	Sherwood High School
S307	Jessica Levy	Sherwood High School
S1201	Boris Vassilev	Montgomery Blair High School
S1202	Brina Seidel	Bethesda-Chevy Chase High School

**Ricoh Sustainable Development Award 2006
For Outstanding Projects Addressing the Potential for Increasing
Our Ability to Grow Environmentally Friendly and
Socially Responsible Businesses**

Junior Division Certificate		
J705	Megan Rider	Earle B. Wood Middle School

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

Junior Division: Certificate of Excellence, \$50 and Invitation to Sigma Xi Awards Banquet		
J739	Melodi Anahtar	Takoma Park Middle School
Senior Division: Certificate of Excellence, \$50 and Invitation to Sigma Xi Awards Banquet		
S903	Paul Kominers	Walt Whitman High School

**Sigma Xi, FDA Chapter
For Excellence in Food and Drug Science**

1st Place	S1009	Yang Yang	Montgomery Blair High School
2nd Place	S201	Evan Scher	Sherwood High School
Honorable Mention	S1106	Benjamin Hoffman	Georgetown Day School

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

Certificate of Excellence		
S1106	Benjamin Hoffman	Georgetown Day School

**Society for Science & the Public
For 6-8th Grade Students for Knowledge of Science and the
Ability to Conduct Independent Research**

Certificate of Excellence, Pin, and Entry to National Competition will be Presented to Winners of Each Category in Junior Division

Surfrider Foundation: DC Chapter

**For Outstanding Achievement in
Ocean or Environmental Science**

Respect the Beach Award (plaque)

J815	Eric Keen	Home Schooled
J309	Robin Danielsen	Roberto Clemente Middle School

Towson University, Fisher College of Science and Mathematics

For Excellence in Science

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

S1002	Sameera Bachoti	Northwest High School
S301	Rachel Hart	Thomas S. Wootton High School

U.S. Air Force

**For Excellence in Math, Science and Engineering by
Youth who will be Tomorrow's Leaders**

USAF Awards: Padfolio, Electronic Rolodex Organizer,
Certificate of Merit, and Medallion

JUNIOR

J902	Alan Du	Takoma Park Middle School
J1204	Spencer Sampson	Argyle Middle School
J1207	Rolando Masís	Cabin John Middle School
J1226	Darya Rahbar	North Bethesda Middle School

SENIOR

S407	A. Sarada Rao	Walt Whitman High School
S706	A. Yashodhara Rao	Walt Whitman High School
S707	Eric Chen	Winston Churchill High School
S903	Paul Kominers	Walt Whitman High School

U.S. Army - Research Office

For Scientific Excellence

1st Prize: Certificate of Achievement, Presentation Folder, Polo Shirt, and Bronze Medallion

S812	Sikandar Porter-Gill	Gaithersburg High School
S1007	Eric Ockenhouse	Bethesda-Chevy Chase High School

Second Place prizes: Certificate, Presentation Folder, and Polo Shirt

S1103	David Tao	Montgomery Blair High School
S1109	Alexander Zhu	Poolesville High School
S407	A. Sarada Rao	Walt Whitman High School
S705	Melody Alsheikhly	Winston Churchill High School
S705	Femi Pai	Winston Churchill High School
S710	Greg Daines	Bethesda-Chevy Chase High School
S1008	James Iocozzia	Sherwood High School
S1003	Sitara Weerasuriya	Sherwood High School

Honorable Mention Certificate

S119	Caroline Diehl	Bethesda-Chevy Chase High School
S121	Jacob Dinerman	Sherwood High School
S121	Zachary Schwartz	Sherwood High School
S121	Maddie Pettenati	Sherwood High School
S201	Evan Scher	Sherwood High School
S204	Re-I Chin	Walter Johnson High School
S410	Rajat Shivacharan	Watkins Mill High School
S501	Louis Wasserman	Montgomery Blair High School
S504	Jacob Hurwitz	Montgomery Blair High School
S712	Simon Mait	Bethesda-Chevy Chase High School
S706	A. Yashodhara Rao	Walt Whitman High School
S805	Madison Yeutter	Bethesda-Chevy Chase High School
S813	Melissa Truong	Montgomery Blair High School
S813	Shennon Lu	Richard Montgomery High School
S813	Krista Fryauff	Poolesville High School
S903	Paul Kominers	Walt Whitman High School
S1005	Yasamin Abbaszadeh	Sherwood High School
S1005	Rachel Kane	Sherwood High School
S1106	Benjamin Hoffman	Georgetown Day School
S1110	Alisa Lu	Montgomery Blair High School

U.S. Metric Association

For Best Use of the SI Metric System for a Significant Amount of Quantitative Measurement

Senior Division: Certificate of Merit

S803	Paul Hogan	Bethesda-Chevy Chase High School
S803	Patrick Hearle	Bethesda-Chevy Chase High School
S803	Michael Center	Chevy Chase School

U.S. Nuclear Regulatory Commission

For Outstanding Projects in Nuclear Science or Engineering

NRC Awards: Invitation to Awards Ceremony at NRC Headquarters

Junior First Place Award

J737	Camaryn Kerns	St. Andrew Apostle School
J737	Ally Flechsig	St. Andrew Apostle School

Junior Honorable Mention

J603	Miles King	Cabin John Middle School
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Senior First Place Award

S120	Jill Badin	Sherwood High School
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Senior Honorable Mention

S407	A. Sarada Rao	Walt Whitman High School
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U.S. Public Health Service**For Outstanding Projects in Health-related Research**

Surgeon General's Award Certificate		
S114	Liz Kubis	Sherwood High School
S114	Emily Byrne	Sherwood High School

U.S. Public Health Service - Commissioned Officers Association**For**

Best in Category - Certificate and \$50 Check		
S1006	Tania Chatterjee	Col. Zadok Magruder High School

Merit Award Certificate

S1003	Sitara Weerasuriya	Sherwood High School
J1005	Amanda Feagans	Forcey Christian Middle School
J1006	Michael Hatchett	Roberto Clemente Middle School
J1011	Grant Fox	Cabin John Middle School
J307	Kira Finkel	Charles E. Smith Jewish Day School
J107	Trevor Taylor	Forcey Christian Middle School

Washington Statistical Society**For Excellence in the Investigation or Use of Statistical Methods**

1st Place: \$150, ASA School Membership, Subscription to <u>STATS</u> , and Certificate of Excellence		
J1223	Oscar Mujica	Earle B. Wood Middle School
2nd Place: Statistics Book, ASA School Membership, Subscription to <u>STATS</u> , and Certificate of Excellence		
J1012	Rakhee Jain	Roberto Clemente Middle School
J1012	Anika Jain	Roberto Clemente Middle School
3rd Place: Certificates of Excellence		
S1005	Yasamin Abbaszadeh	Sherwood High School
S1005	Rachel Kane	Sherwood High School
S901	Katie Kauffman	Sherwood High School
S1001	Sonali Kumar	Sherwood High School
S101	Nikki Duong	Sherwood High School
S101	Andrew Vu	Sherwood High School
J906	Alice Mukora	Parkland Middle School

Water Environment Federation**For Outstanding Water Research Project**

Certificate and opportunity to compete at state, national and international level (Stockholm Junior Water Prize)		
S317	Jacob Dickson	Sherwood High School
S317	Kyle Johnson	Sherwood High 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		
J837	Christy Kawa	Westland Middle School
J833	Elizabeth Axley	Earle B. Wood Middle School
J812	Brook Yohannes	Forcey Christian Middle School
J733	Vinay Sriram	Roberto Clemente Middle School

Yale Science & Engineering Assoc. Inc.**For the Most Outstanding 11th Grade Students from the Areas of
Computer Science, Engineering, Physics or Chemistry**

Certificate of Merit and Pewter Medallion		
S707	Eric Chen	Winston Churchill High School