

Award Winners from the 54th Anniversary
Science MONTGOMERY
The 2010 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 9-14 2010 in San Jose, CA and \$250 Award

Physics Jennifer Wang (\$125) Montgomery Blair High School
Grace Young (\$125) The Potomac School
Validation Of Parabolic Ion Trap Geometries For Application Within Quantum Computing

Mathematics Jacob Hurwitz Montgomery Blair High School
Decycling Densities Of Tessellations

Biochemistry Rachael Lee Walt Whitman High School
Identifying Novel Small Molecule Inhibitors Of Androgen Receptor Activity
For Treatment In Hormone-refractory Prostate Cancer

Medicine and Health Samirkumar Devalaraja Thomas S. Wooton High School
Critical Role Of Tgfbeta/smad3 Signaling In Hepatic Glucose And Energy
Metabolism- A Potential Therapeutic Target For Metabolic Syndrome

Chemistry Nivetita Ravi Clarksburg High School
Investigation Of Nano-structured Super-hydrophobic Coating On Structural Substrates

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

Engineering Daniel Liss Charles E. Smith Jewish Day School
Food Preservation With Transformed Atmosphere Packaging (TAP):
Extending The Shelf Life Of Ground Beef

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

Computer Science Jeremy Fallick Montgomery Blair High School
Development Of A Computational Model For Ancient Western Warfare

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

| | PROJ. | Name | SCHOOL |
|-------------|---|---------------------------|----------------------------------|
| S100 | Behavioral and Social Sciences | | |
| | 1 | S112 Dainis Berzins | Sherwood High School |
| | 1 | S112 Eric Conrad | Sherwood High School |
| | 2 | S106 Lois Chang | Sherwood High School |
| | 2 | S106 Adriana Echalar | Sherwood High School |
| | 2 | S106 Ilana Drucker | Sherwood High School |
| | 3 | S120 Daniel Zemel | Sherwood High School |
| | H | S109 Angela Choi | Montgomery Blair High School |
| | H | S109 Dzi Do | Montgomery Blair High School |
| | H | S107 Emily Levine | Sherwood High School |
| | H | S107 Christie Intoccia | Sherwood High School |
| | H | S111 Kimberly Choi | 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 | S207 Rachael Lee | Walt Whitman High School |
| | 2 | S206 Xinyi Zhou | Montgomery Blair High School |
| | 3 | S209 Nicholas Hung | James Hubert Blake High School |
| | 3 | S209 Patrick Xiao | Blake High School |
| | H | S205 Jee-Eun Rosaline Rho | Bullis School |
| | H | S201 Minyoung Ryoo | Wootton High School |
| | H | S201 Wanying Xu | Wootton High School |
| | H | S201 Amy Lee | Wootton High School |
| S300 | Biology | | |
| | 1 | S325 Claire McWhite | Thomas S. Wootton High School |
| | 2 | S311 Yifan Li | Montgomery Blair High School |
| | 2 | S319 Sophia Deng | Montgomery Blair High School |
| | 2 | S314 Akanksha Arya | Bethesda-Chevy Chase High School |
| | 3 | S310 Hongyi Xia | Montgomery Blair High School |
| | 3 | S322 Allison Arai | Montgomery Blair High School |
| | H | S306 Nicole Lee | Sherwood High School |
| | H | S306 Dolma Gazan | Sherwood High School |
| | H | S306 Helen Cheung | Sherwood High School |
| | H | S304 Melissa Truong | Montgomery Blair High School |
| S400 | Chemistry | | |
| | 1 | S405 Nivetita Ravi | Clarksburg High School |
| | 2 | S401 Kuo-Kai Chin | Walter Johnson High School |
| | 3 | S411 Lok-Man Yeung | Sherwood High School |
| | 3 | S411 Darpan Kayastha | Sherwood High School |

| | | | | | |
|--------------|--|---|-------|-----------------------|------------------------------------|
| | | 3 | S411 | Ben Wu | Sherwood High School |
| | | H | S402 | Lucienne Park | Poolesville High School |
| S500 | Computer Science | | | | |
| | | 1 | S507 | Jeremy Fallick | Montgomery Blair High School |
| | | 2 | S502 | Valery Leng | Poolesville High School |
| | | 2 | S509 | Ishan Khetarpal | Poolesville High School |
| | | 3 | S505 | Russell McQueeney | Winston Churchill High School |
| | | H | S503 | David Zhang | Richard Montgomery High School |
| | | H | S508 | Victoria Lai | Montgomery Blair High School |
| | | H | S510 | Tiffany Le | Poolesville High School |
| S600 | Earth and Space Science | | | | |
| | | 1 | S601 | Eric Keen | Home Schooled |
| S700 | Engineering Category--presented this year with special thanks to our \$5000 Titanium Sponsor, Northrop Grumman, "Defining the Future". | | | | |
| | | 1 | S706 | Daniel Liss | Charles E. Smith Jewish Day School |
| | | 2 | S710 | Ian Grissom | Clarksburg High School |
| | | 2 | S710 | Luke Catherine | Clarksburg High School |
| | | 2 | S710 | Jeff Hong | Clarksburg High School |
| | | 3 | S702 | Austin Duff | Gaithersburg High School |
| | | H | S709 | Lindsey Fernandez | Montgomery Blair High School |
| | | H | S704 | Claire Dudek | Bethesda-Chevy Chase High School |
| S800 | Environmental Sciences | | | | |
| | | 1 | S809 | Allison Hockman | Sherwood High School |
| | | 1 | S809 | Jessica Wire | Sherwood High School |
| | | 2 | S802 | Katherine Emerson | Sherwood High School |
| | | 3 | S804 | Ankit Sarkar | Richard Montgomery High School |
| | | H | S807 | Parinaz Fathi | Muslim Community School |
| | | H | S806 | Lauren Ruben | Sherwood High School |
| | | H | S806 | David Faunce | Sherwood High School |
| | | H | S806 | Jae Kim | Sherwood High School |
| S900 | Mathematics | | | | |
| | | 1 | S901 | Jacob Hurwitz | Montgomery Blair High School |
| | | 2 | S904 | Anand Oza | Montgomery Blair High School |
| | | 2 | S904 | Rohan Puttagunta | Montgomery Blair High School |
| | | 2 | S904 | Nils Molina | Montgomery Blair High School |
| | | H | S902 | Stephen Lee | Winston Churchill 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 | S1002 | Samirkumar Devalaraja | Thomas S. Wootton High School |
| | | 2 | S1005 | Conway Xu | Montgomery Blair High School |
| | | 3 | S1010 | Victoria Poon | John F. Kennedy High School |
| | | H | S1007 | Melodi Anahtar | Montgomery Blair High School |
| S1100 | Microbiology | | | | |
| | | 1 | S1101 | Emeka Opara | Sherwood High School |
| | | 1 | S1101 | Matt Kinnard | Sherwood High School |
| | | 1 | S1101 | John Frens | Sherwood High School |
| | | 2 | S1102 | Lauren Portalea | Sherwood High School |

| | | | | | |
|--------------|----------------|----------|-------|-------------------|----------------------------------|
| S1200 | Physics | 2 | S1102 | Rachel LaVigna | Sherwood High School |
| | | 1 | S1214 | Jennifer Wang | Montgomery Blair High School |
| | | 1 | S1214 | Grace Young | Other School-See notes |
| | | 2 | S1209 | Kamal Ndousse | Montgomery Blair High School |
| | | 3 | S1205 | Zeshan Tariq | Sherwood High School |
| | | 3 | S1205 | Joseph Chang | Sherwood High School |
| | | 3 | S1205 | Johnny Anadale | Sherwood High School |
| | | 3 | S1212 | Maxwell Simpson | Sherwood High School |
| | | H | S1202 | Yu Justin | Montgomery Blair High School |
| | | H | S1204 | Dimitri Halikias | Bethesda-Chevy Chase High School |
| | | H | S1204 | Teddy Weisman | Bethesda-Chevy Chase High School |
| | | H | S1204 | Elizabeth Himwich | Bethesda-Chevy Chase High School |
| | | H | S1211 | Phillip Christman | 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

| | | PROJ. NO. | Name | SCHOOL |
|-------------|---|------------------|---------------------------|--------------------------------|
| J100 | Behavioral and Social Sciences | | | |
| | | 1 | J109 Andrew Wang | Roberto Clemente Middle School |
| | | 2 | J101 Clara Finkelstein | North Bethesda Middle School |
| | | 3 | J104 Lexi Vipavetz | St. Andrew Apostle School |
| | | 3 | J104 Lauren Baughan | St. Andrew Apostle School |
| | | H | J112 Megan Chao | Takoma Park Middle School |
| | | H | J112 Yvonne Luk | Takoma Park Middle School |
| | | H | J112 Saron Teklezgi | 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 | J207 Sarah Wagner | Takoma Park Middle School |
| | | 2 | J210 Joshua Villanueva | Roberto Clemente Middle School |
| | | 3 | J201 Navya Nanda | Roberto Clemente Middle School |
| | | H | J204 Palak Desai | Roberto Clemente Middle School |
| | | H | J204 Idara Akpandak | Roberto Clemente Middle School |
| | | H | J208 Claudia Xie | Roberto Clemente Middle School |
| | | H | J208 Susan Xiao | Roberto Clemente Middle School |
| | | H | J202 Pujitha Lava | Roberto Clemente Middle School |
| J300 | Biology | | | |
| | | 1 | J309 Christine Allaire | Holy Cross School |
| | | 1 | J317 Daniel Leung | North Bethesda Middle School |
| | | 2 | J304 Michael Keen | Home Schooled |
| | | 2 | J315 Nadja Bzhilyanskaya | Roberto Clemente Middle School |
| | | 3 | J334 Brian Liu | Roberto Clemente Middle School |
| | | 3 | J307 Aditi Subramaniam | Eastern Middle School |
| | | H | J320 Ana Vlajnic | Roberto Clemente Middle School |
| | | H | J335 Stephanie Tam | Forcey Christian Middle School |
| | | H | J331 Matthew Gates | Roberto Clemente Middle School |
| | | H | J308 Thayer Seely | John H. Poole Middle School |
| | | H | J303 Samuel Myung | Herbert Hoover Middle School |
| | | H | J302 William Miyashita | St. Catherine Laboure School |
| | | H | J302 Nick Stocker | St. Catherine Laboure School |
| | | H | J302 Steven Garcia | St. Catherine Laboure School |
| J400 | Chemistry | | | |
| | | 1 | J418 Dhruv Shankar | Roberto Clemente Middle School |
| | | 1 | J439 Katherine Brizzolara | North Bethesda Middle School |
| | | 2 | J433 Carlos Carhuas | St. Catherine Laboure School |
| | | 2 | J433 Chris Lopez | St. Catherine Laboure School |
| | | 2 | J402 Grace Pines | Forcey Christian Middle School |
| | | 3 | J411 Chungman Kim | Roberto Clemente Middle School |
| | | 3 | J427 Wenqing Xu | Roberto Clemente Middle School |
| | | H | J413 Sumon Bhattacharyy | North Bethesda Middle School |
| | | H | J429 Nadiya Kutishcheva | Roberto Clemente Middle School |

| | | | | |
|-------------|--|------|----------------------|--------------------------------|
| J500 | Computer Science | | | |
| | 1 | J501 | Matthew Das Sarma | Takoma Park Middle School |
| | 2 | J504 | Charles Yin | Takoma Park Middle School |
| | 3 | J502 | Alyssa Hu | Roberto Clemente Middle School |
| | H | J507 | Avikar Periwal | Takoma Park Middle School |
| | H | J507 | Alan Du | Takoma Park Middle School |
| | H | J508 | Andrew Lehnus | Roberto Clemente Middle School |
| J600 | Earth and Space Science | | | |
| | 1 | J604 | Alexandra Nelligan | Roberto Clemente Middle School |
| | 2 | J612 | Shubham Chattopad | Parkland Middle School |
| | 2 | J610 | Devon Lyons | Holy Cross School |
| | 2 | J610 | Marina Silva | Holy Cross School |
| | 3 | J601 | Kareem McDavid | Roberto Clemente Middle School |
| | 3 | J618 | David Alcantara | Roberto Clemente Middle School |
| | 3 | J624 | Ben Wing | Parkland Middle School |
| J700 | Engineering Category-presented this year with special thanks to our \$5000 Titanium Sponsor, Northrop Grumman, "Defining the Future". | | | |
| | 1 | J712 | Christian Schmidt | Roberto Clemente Middle School |
| | 1 | J729 | Vinay Sriram | Roberto Clemente Middle School |
| | 2 | J715 | Adithya Girish | Roberto Clemente Middle School |
| | 2 | J727 | William Saar | Roberto Clemente Middle School |
| | 3 | J714 | Andrew Jordan | Roberto Clemente Middle School |
| | 3 | J730 | Jimmy Baur | Parkland Middle School |
| | H | J704 | Pablo Lopez | Holy Cross School |
| | H | J707 | Evan Feinberg | Parkland Middle School |
| | H | J716 | Zubair Khan | Roberto Clemente Middle School |
| | H | J705 | Alex Roeum | Parkland Middle School |
| | H | J731 | Alejandro Garcia | Parkland Middle School |
| J800 | Environmental Sciences | | | |
| | 1 | J803 | Ellinore Homan | Holy Cross School |
| | 1 | J841 | Edward Liang | Roberto Clemente Middle School |
| | 1 | J841 | Bowen Lian | Roberto Clemente Middle School |
| | 2 | J844 | Paul B. Ellis | Sligo Middle School |
| | 2 | J815 | Rachel Harris | Roberto Clemente Middle School |
| | 2 | J806 | Theodore Corrales | Takoma Park Middle School |
| | 2 | J806 | Tonle Bloomer | Takoma Park Middle School |
| | 3 | J818 | Julia Cavicchi | Parkland Middle School |
| | 3 | J804 | John Weaver | Roberto Clemente Middle School |
| | 3 | J831 | Katherine Silberholz | Roberto Clemente Middle School |
| | H | J802 | Theodore Johnson | Roberto Clemente Middle School |
| | H | J828 | Annajoy Thompson | Forcey Christian Middle School |
| | H | J826 | Michael Vetter | Roberto Clemente Middle School |
| | H | J829 | Daniela Ganelin | Takoma Park Middle School |

| | | | | |
|--------------|--|-------|----------------------|------------------------------------|
| | H | J836 | Marcus Fernandez | Roberto Clemente Middle School |
| | H | J830 | Christopher Shirven | Roberto Clemente Middle School |
| J900 | Mathematics | | | |
| | 1 | J909 | Connie Xu | Takoma Park Middle School |
| | 2 | J903 | Alan Du | Takoma Park Middle School |
| | 3 | J901 | Pushkar Aggarwal | Montgomery Village Middle School |
| | H | J902 | Eileen Liu | Roberto Clemente Middle School |
| | H | J904 | Sophie Colle | Tilden Middle 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 | J1008 | Lauren White | St. Andrew Apostle School |
| | 1 | J1008 | Madeleine Boies | St. Andrew Apostle School |
| | 2 | J1007 | Shaun Datta | Takoma Park Middle School |
| | 3 | J1006 | Aanchal Johri | Takoma Park Middle School |
| | 3 | J1006 | Amy Wu | Takoma Park Middle School |
| | 3 | J1006 | Evangeline Liu | Takoma Park Middle School |
| J1100 | Microbiology | | | |
| | 1 | J1102 | Rahul Menon | Roberto Clemente Middle School |
| | 2 | J1101 | Conrad Smith | North Bethesda Middle School |
| | 3 | J1107 | Amy Xiao | Roberto Clemente Middle School |
| | 3 | J1113 | Natasha Fall-Dickson | Holy Cross School |
| | 3 | J1113 | Daniela Toni | Holy Cross School |
| | H | J1116 | Constance Chen | Roberto Clemente Middle School |
| J1200 | Physics | | | |
| | 1 | J1206 | Loren Brill | St. Catherine Laboure School |
| | 1 | J1206 | Chase Meadows | St. Catherine Laboure School |
| | 1 | J1206 | Thomas Whiting | St. Catherine Laboure School |
| | 1 | J1240 | Andrew Sebastian | Roberto Clemente Middle School |
| | 1 | J1253 | Nolan Yager | North Bethesda Middle School |
| | 2 | J1210 | Nathan Schilling | Parkland Middle School |
| | 2 | J1227 | Jason Wang | Roberto Clemente Middle School |
| | 2 | J1227 | Jerry Zhang | Roberto Clemente Middle School |
| | 2 | J1245 | Xiaoyu Yin | Roberto Clemente Middle School |
| | 3 | J1202 | Paul Lathrop | White Oak Middle School |
| | 3 | J1213 | Joelle Perlin | Charles E. Smith Jewish Day School |
| | 3 | J1224 | Meera Krishnamoort | Roberto Clemente Middle School |
| | 3 | J1248 | Juan Rodriguez | Roberto Clemente Middle School |
| | 3 | J1242 | Mihir Khetarpal | Roberto Clemente Middle School |
| | H | J1207 | Umesh Padia | Roberto Clemente Middle School |
| | H | J1214 | Arielle Welch | Forcey Christian Middle School |
| | H | J1238 | Ryan Ghosh | Parkland Middle School |
| | H | J1238 | George Khudenev | Parkland Middle School |
| | H | J1225 | Anthony Li | Takoma Park Middle School |
| | H | J1232 | Teddy Sideris | Holy Cross School |
| | H | J1232 | Carrick O'Reilly | Holy Cross School |
| | H | J1243 | Sarah Grace | Newport Mill Middle School |
| | H | J1243 | Danielle Wilson | Newport Mill Middle School |
| | H | J1243 | Dru Stewart | Newport Mill Middle School |
| | H | J1255 | Daniel Hirsch | Parkland Middle School |
| | H | J1255 | Amoolya Tirumalai | Parkland Middle School |
| | H | J1259 | Roxanne Leal | Parkland 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

3rd Place: \$200 Savings Bond
J715 Adithya Girish Roberto Clemente Middle School

2nd Place: \$300 Savings Bond
J1009 Kyle Starost Redland Middle School

1st Place: \$500 Savings Bond
S505 Russell McQueeney Winston Churchill High School

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

3rd Place: Certificate and \$75
S1012 Praveen Bachoti Northwest High School

2nd Place: Certificate and \$100
S304 Melissa Truong Montgomery Blair High School

1st Place: Certificate and \$125
Invitation to Meeting to Present
S1007 Melodi Anahtar Montgomery Blair High School

American Institute of Aeronautics & Astronautics (AIAA) For Excellent Achievements in Projects in Space and Aviation

2nd Place: \$100
Invitation to Awards Banquet, one year student membership
J729 Vinay Sriram Roberto Clemente Middle School

1st Place – 1 week at Space Camp or Aviation Challenge
Invitation to Awards Banquet, one year student membership
J1207 Umesh Padia Roberto Clemente Middle 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
J844 Paul B. Ellis Sligo Middle School
J806 Theodore Corrales Takoma Park Middle School
J806 Tonle Bloomer Takoma Park Middle School

Senior Certificate and Invitation to AMS-DC Awards Banquet
S601 Eric Keen Home Schooled

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

5th Place Certificate
S1202 Justin Yu Montgomery Blair High School

4th Place Certificate
J844 Paul B. Ellis Sligo Middle School

3rd Place Certificate and Book
S804 Ankit Sarkar Richard Montgomery High School

2nd Place Certificate and \$50
J418 Dhruv Shankar Roberto Clemente Middle School

1st Place Certificate and \$100
Invitation to Dinner meeting
S314 Akanksha Arya Bethesda-Chevy Chase High School

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

Junior Division Certificate
J109 Andrew Wang Roberto Clemente Middle School

Senior Division Certificate
S109 Angela Choi Montgomery Blair High School
S109 Dzi Do Montgomery Blair High School

American Society of Mechanical Engineers For Outstanding Demonstration of the Principles and

Practices of Mechanical Engineering

3rd Place: Certificate and \$25
S702 Austin Duff Gaithersburg High School
2nd Place: Certificate and \$50 and Invitation to dinner
S709 Lindsey Fernandez Montgomery Blair High School
1st Place: Certificate and \$75 and Invitation to dinner
S706 Daniel Liss Charles E. Smith Jewish Day School

**American Society of Naval Engineers/Naval Architects and Marine Engineers
For Excellence in Projects Related to Marine Engineering**

Junior Division: Plaque; One Year Membership; invitation to present at annual symposium
Invitation to Exhibit at Annual Symposium
J1240 Andrew Sebastian Roberto Clemente Middle School
J601 Kareem McDavid Roberto Clemente Middle School
J712 Christian Schmidt Roberto Clemente Middle School
Senior Division: Plaque; One Year ASNE Membership; invitation to present at annual symposium
Invitation to Exhibit at Annual Symposium
S1214 Jennifer Wang Montgomery Blair High School
S1214 Grace Young Other School-See notes
S1205 Zeshan Tariq Sherwood High School
S1205 Joseph Chang Sherwood High School
S1205 Johnny Anadale Sherwood High School
S708 Sylvia Jacobson Bethesda-Chevy Chase High School
S708 Chris Trotman Bethesda-Chevy Chase High School

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

Junior Division 2nd Place Certificate of Excellence
J1245 Xiaoyu Yin Roberto Clemente Middle School
Junior Division 1st Place Certificate of Excellence and Medallion
J1257 Conor Casey Roberto Clemente Middle School
Senior Division 2nd Place Certificate of Excellence
S401 Kuo-Kai Chin Walter Johnson High School
Senior Division 1st Place Certificate of Excellence and Medallion
S405 Nivetita Ravi Clarksburg High School

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

Junior Division Certificate of Excellence
J604 Alexandra Nelligan Roberto Clemente Middle School
J610 Devon Lyons Holy Cross School
J610 Marina Silva Holy Cross School

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

3rd Place Junior: Certificate and \$30
J104 Lexi Vipavetz St. Andrew Apostle School
J104 Lauren Baughan St. Andrew Apostle School
2nd Place Junior: Certificate and \$40
J101 Clara Finkelstein North Bethesda Middle School
1st Place Junior: Certificate and \$50
J109 Andrew Wang Roberto Clemente Middle School
3rd Place Senior: Certificate and \$30
S120 Daniel Zemel Sherwood High School
2nd Place Senior: Certificate and \$40
S106 Lois Chang Sherwood High School
S106 Adriana Echalar Sherwood High School
S106 Ilana Drucker Sherwood High School
1st Place Senior: Certificate and \$50
S112 Dainis Berzins Sherwood High School
S112 Eric Conrad Sherwood High School

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

| | | |
|--|----------------------|------------------------------------|
| Invitation to Awards Ceremony and Tour of CIA Headquarters | | |
| S207 | Rachael Lee | Walt Whitman High School |
| S120 | Daniel Zemel | Sherwood High School |
| S304 | Melissa Truong | Montgomery Blair High School |
| S310 | Hongyi Xia | Montgomery Blair High School |
| S405 | Nivetita Ravi | Clarksburg High School |
| S1005 | Conway Xu | Montgomery Blair High School |
| S702 | Austin Duff | Gaithersburg High School |
| S706 | Daniel Liss | Charles E. Smith Jewish Day School |
| S804 | Ankit Sarkar | Richard Montgomery High School |
| S601 | Eric Keen | Home Schooled |
| J501 | Matthew Das Sarma | Takoma Park Middle School |
| J1008 | Lauren White | St. Andrew Apostle School |
| J1008 | Madeleine Boies | St. Andrew Apostle School |
| J1007 | Shaun Datta | Takoma Park Middle School |
| J1113 | Natasha Fall-Dickson | Holy Cross School |
| J1113 | Daniela Toni | Holy Cross School |
| J704 | Pablo Lopez | Holy Cross School |

Clean Air Partners**For Best Project Concerning Air Quality or Climate Change**

| | | |
|------------|-------------------|---------------------------|
| \$50 Award | | |
| J806 | Theodore Corrales | Takoma Park Middle School |
| J806 | Tonle Bloomer | Takoma Park Middle 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 | | |
| J109 | Andrew Wang | Roberto Clemente Middle School |
| J207 | Sarah Wagner | Takoma Park Middle School |
| J309 | Christine Allaire | Holy Cross School |
| J317 | Daniel Leung | North Bethesda Middle School |
| J418 | Dhruv Shankar | Roberto Clemente Middle School |
| J439 | Katherine Brizzolara | North Bethesda Middle School |
| J501 | Matthew Das Sarma | Takoma Park Middle School |
| J604 | Alexandra Nelligan | Roberto Clemente Middle School |
| J712 | Christian Schmidt | Roberto Clemente Middle School |
| J729 | Vinay Sriram | Roberto Clemente Middle School |
| J803 | Ellinore Homan | Holy Cross School |
| J841 | Edward Liang | Roberto Clemente Middle School |
| J841 | Bowen Lian | Roberto Clemente Middle School |
| J909 | Connie Xu | Takoma Park Middle School |
| J1008 | Lauren White | St. Andrew Apostle School |
| J1008 | Madeleine Boies | St. Andrew Apostle School |
| J1102 | Rahul Menon | Roberto Clemente Middle School |
| J1206 | Loren Brill | St. Catherine Laboure School |
| J1206 | Chase Meadows | St. Catherine Laboure School |
| J1206 | Thomas Whiting | St. Catherine Laboure School |
| J1240 | Andrew Sebastian | Roberto Clemente Middle School |
| J1253 | Nolan Yager | North Bethesda Middle School |

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

| | | |
|---|------------------|--------------------------------|
| Honorable Mention Junior Individual: Certificate | | |
| J843 | Mohamed Keita | Roberto Clemente Middle School |
| 3rd Place Junior Individual: Certificate | | |
| J836 | Marcus Fernandez | Roberto Clemente Middle School |
| 2nd Place Junior Individual: Certificate | | |
| J818 | Julia Cavicchi | Parkland Middle School |
| 1st Place Junior Individual: Certificate and Letter of Invitation | | |
| J802 | Theodore Johnson | Roberto Clemente Middle School |
| 2nd Place Junior Team: Certificates | | |
| J610 | Devon Lyons | Holy Cross School |
| J610 | Marina Silva | Holy Cross School |
| 1st Place Junior Team: Certificates and Letter of Invitation | | |

| | | | |
|------------------------------|---------------------------------------|-------------------|--------------------------------|
| | J841 | Edward Liang | Roberto Clemente Middle School |
| | J841 | Bowen Lian | Roberto Clemente Middle School |
| 1st Place Senior Individual: | Certificate and Letter of Invitation | | |
| | S802 | Katherine Emerson | Sherwood High School |
| 3rd Place Senior Team: | Certificates | | |
| | S411 | Lok-Man Yeung | Sherwood High School |
| | S411 | Darpan Kayastha | Sherwood High School |
| | S411 | Ben Wu | Sherwood High School |
| 2nd Place Senior Team: | Certificates | | |
| | S811 | Laura Schneider | Sherwood High School |
| | S811 | Kelly Tantum | Sherwood High School |
| | S811 | Brooke Bianchetti | Sherwood High School |
| 1st Place Senior Team: | Certificates and Letter of Invitation | | |
| | S808 | Amarillis Boesman | Sherwood High School |
| | S808 | Irene Fobe | Sherwood High School |
| | S808 | Saleena Kals | Sherwood High School |

**Friends of Agricultural Research--Beltsville (FAR-B)-in each of 3 categories
For Excellent Junior Projects**

| | | | |
|------------|---|----------------------|--------------------------------|
| 3rd Place: | Certificate of Merit and \$10 certificate | | |
| | J210 | Joshua Villanueva | Roberto Clemente Middle School |
| | J317 | Daniel Leung | North Bethesda Middle School |
| | J809 | Eric Arai | North Bethesda Middle School |
| | J1007 | Shaun Datta | Takoma Park Middle School |
| 2nd Place: | Certificate of Merit and \$20 certificate | | |
| | J208 | Claudia Xie | Roberto Clemente Middle School |
| | J208 | Susan Xiao | Roberto Clemente Middle School |
| | J307 | Aditi Subramaniam | Eastern Middle School |
| | J831 | Katherine Silberholz | Roberto Clemente Middle School |
| | J1109 | Stanley Wang | Takoma Park Middle School |
| | J1109 | Alex Zhang | Takoma Park Middle School |
| | J1109 | Tyler Lu | Takoma Park Middle School |
| 1st Place: | Certificate of Merit and \$30 certificate | | |
| | J207 | Sarah Wagner | Takoma Park Middle School |
| | J303 | Samuel Myung | Herbert Hoover Middle School |
| | J836 | Marcus Fernandez | Roberto Clemente Middle School |
| | J1102 | Rahul Menon | Roberto Clemente Middle School |

**Gem, Lapidary, and Mineral Society of Montgomery County
For Excellence in Earth Science**

| | | | |
|------------|---|--------------------|--------------------------------|
| Seniors: 1 | \$100 Certificates and One Year Membership to Society | | |
| | S601 | Eric Keen | Home Schooled |
| Juniors: 2 | \$50 Certificates and One Year Membership to Society | | |
| | J614 | Trinish Chatterjee | Roberto Clemente Middle School |
| | J610 | Devon Lyons | Holy Cross School |
| | J610 | Marina Silva | Holy Cross School |

**Geological Society of Washington
For Excellence in EarthScience**

| | | | |
|----------------------|--|------------------|--------------------------------|
| Third Place Junior: | Certificate and Ribbon | | |
| | J618 | David Alcantara | Roberto Clemente Middle School |
| Second Place Junior: | Certificate and Ribbon | | |
| | J628 | Vincent Hsiao | Roberto Clemente Middle School |
| | J628 | Eshwar Manoharan | Roberto Clemente Middle School |
| First Place Junior: | Certificate, ribbon and invitation to present project at a GSW Meeting | | |
| | J601 | Kareem McDavid | Roberto Clemente Middle School |
| Second Place Senior: | Certificate and Ribbon | | |
| | S804 | Ankit Sarkar | Richard Montgomery High School |
| First Place Senior: | Certificate, ribbon and invitation to present project at a GSW Meeting | | |
| | S601 | Eric Keen | Home Schooled |

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

| | | | |
|-------------------------------|-------|----------------|-------------------------------|
| 6 Certificates of Recognition | | | |
| | S1007 | Melodi Anahtar | Montgomery Blair High School |
| | S325 | Claire McWhite | Thomas S. Wootton High School |
| | S304 | Melissa Truong | Montgomery Blair High School |
| | S207 | Rachael Lee | Walt Whitman High School |
| | S322 | Allison Arai | Montgomery Blair High School |
| | S1010 | Victoria Poon | John F. Kennedy High School |

Health Physics Society, Baltimore-Washington Chapter

For Excellence

3rd Place Certificate of Recognition
J1257 Conor Casey Roberto Clemente Middle School

2nd Place Certificate of Recognition
S806 Lauren Ruben Sherwood High School
S806 David Faunce Sherwood High School
S806 Jae Kim Sherwood High School

1st Place Certificate of Recognition
S314 Akanksha Arya Bethesda-Chevy Chase High School

**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
S707 Kiernan Hahn Bethesda-Chevy Chase High School

2nd Place: Certificate of Merit and \$150
S1214 Jennifer Wang Montgomery Blair High School
S1214 Grace Young Other School-See notes

1st Place: Certificate of Merit, \$250 and Invitation to Award Banquet
S702 Austin Duff Gaithersburg High School

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

Junior Division: Certificate of Excellence and Book
J1102 Rahul Menon Roberto Clemente Middle School

Senior Division: Certificate of Excellence and Book
S706 Daniel Liss Charles E. Smith Jewish Day 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
S505 Russell McQueeney Winston Churchill High School
S509 Ishan Khetarpal Poolesville 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 2010 Olympiad.
J802 Theodore Johnson Roberto Clemente Middle School

Senior: Sustainability Award and Invitation to participate in 2010 Olympiad.
S706 Daniel Liss Charles E. Smith Jewish Day School

Senior: Outstanding Sustainability Award and Invitation to participate in 2010 Olympiad.
S809 Allison Hockman Sherwood High School
S809 Jessica Wire Sherwood High School

MIT Club of Washington, D.C.

First Place: Certificate, \$100, and Subscription to MIT Technology Review
S1214 Jennifer Wang Montgomery Blair High School
S1214 Grace Young Other School-See notes

**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**

Honorable Mention: \$100
S207 Rachael Lee Walt Whitman High School

1st Place: 6-week Paid Internship at MedImmune, \$100 and a plaque
S1013 Shilpa 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
S904 Anand Oza Montgomery Blair High School
S904 Rohan Puttagunta Montgomery Blair High School

S904 Nils Molina Montgomery Blair High School
S901 Jacob Hurwitz Montgomery Blair High School

National Capital Astronomers

For Projects Demonstrating Excellence in Astronomy

One year membership in NCA; One year subscription to Sky and Telescope magazine; Invitation to present project at

S503 David Zhang Richard Montgomery High School
J612 Shubham Chattopadhyay Parkland Middle School
J624 Ben Wing 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

J818 Julia Cavicchi Parkland Middle School

Senior Division: Certificate of Honor and Medallion

S804 Ankit Sarkar Richard Montgomery High School

National Society of Professional Engineers

For Projects Demonstrating Innovative Engineering

Junior Division: Certificate of Honor and Lapel Pin

J729 Vinay Sriram Roberto Clemente Middle School

Senior Division: Certificate of Honor and Lapel Pin

S702 Austin Duff Gaithersburg High School

National Space Club

For Outstanding Projects in Space Science and Engineering

Honorable Mentions: Certificate

S702 Austin Duff Gaithersburg High School

S503 David Zhang Richard Montgomery High School

First Place: Certificate and \$500; invitation to Goddard Luncheon at NASA Goddard Space Flight Center

S1214 Jennifer Wang Montgomery Blair High School

S1214 Grace Young Other School-See notes

Office of Naval Research

For Achievement in Science or Technology

7 Junior Division prizes: Certificate and Medallion

J504 Charles Yin Takoma Park Middle School

J501 Matthew Das Sarma Takoma Park Middle School

J1232 Teddy Sideris Holy Cross School

J1232 Carrick O'Reilly Holy Cross School

J418 Dhruv Shankar Roberto Clemente Middle School

J427 Wenqing Xu Roberto Clemente Middle School

J1213 Joelle Perlin Charles E. Smith Jewish Day School

J1214 Arielle Welch Forcey Christian Middle School

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

S1214 Jennifer Wang Montgomery Blair High School

S1214 Grace Young Other School-See notes

S1209 Kamal Ndousse Montgomery Blair High School

S702 Austin Duff Gaithersburg High School

S709 Lindsey Fernandez Montgomery Blair High School

Optical Society of America, National Capital Section

For Notable Achievement in the Optical Sciences

Junior Division Certificate of Achievement

J831 Katherine Silberholz Roberto Clemente Middle School

J334 Brian Liu Roberto Clemente Middle School

J612 Shubham Chattopadhyay Parkland Middle School

J1008 Lauren White St. Andrew Apostle School

J1008 Madeleine Boies St. Andrew Apostle School

Senior Division Certificate of Achievement

S709 Lindsey Fernandez Montgomery Blair High School

S503 David Zhang Richard Montgomery High School

S1205 Zeshan Tariq Sherwood High School

S1205 Joseph Chang Sherwood High School

S1205 Johnny Anadale Sherwood High School

| | | |
|------|-------------------|------------------------|
| S710 | Ian Grissom | Clarksburg High School |
| S710 | Luke Catherine | Clarksburg High School |
| S710 | Jeff Hong | Clarksburg High School |
| S321 | Lauren Krupsaw | Sherwood High School |
| S321 | Bridgette Schulze | Sherwood High School |
| S321 | Sean Dhila | Sherwood 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

Junior Division: Certificate
 J844 Paul B. Ellis Sligo Middle School

Senior Division: Certificate
 S802 Katherine Emerson Sherwood High School

Rockville Rotary Club and Energy and Air Quality Advisory Committee of Montgomery County

For Best Projects in Air Quality and Energy Technology

1st Place: Certificate and \$100
 Invitation to a Rotary Club of Rockville meeting to show their science project

| | | |
|------|---------------|--------------------------------|
| J418 | Dhruv Shankar | Roberto Clemente Middle School |
| J704 | Pablo Lopez | Holy Cross School |

Sigma Xi, FDA Chapter

For Excellence in Food and Drug Science

Honorable Mention: Certificate
 S1011 Sharon Ong Winston Churchill High School

2nd Place: \$50 gift card and Certificate
 S310 Hongyi Xia Montgomery Blair High School

1st Place: \$100 gift card and Invitation for 3 to Spring Banquet
 S706 Daniel Liss Charles E. Smith Jewish Day School

Sigma Xi, NIST Chapter

For Excellence in Measurement Science

Certificate of Excellence, \$100, and invitation to Banquet
 S802 Katherine Emerson Sherwood High School

Society for In Vitro Biology

For 11th Grade Projects Demonstrating Excellent Research in Plant or Animal in vitro Biology or Tissue Culture

One Certificate of Outstanding Achievement
 S1013 Shilpa Kannan Montgomery Blair High School

Stockholm Junior Water Prize

For Excellence in Water Research

Certificates
 Invitation to compete at the State, National and International levels

| | | |
|------|--------------------|--------------------------------|
| J317 | Daniel Leung | North Bethesda Middle School |
| J604 | Alexandra Nelligan | Roberto Clemente Middle School |
| J836 | Marcus Fernandez | Roberto Clemente Middle School |
| S811 | Laura Schneider | Sherwood High School |
| S811 | Kelly Tantum | Sherwood High School |
| S811 | Brooke Bianchetti | Sherwood High School |

Surfrider Foundation, DC Chapter

For Excellence in Ocean and Environmental Sciences Research

Plaque and membership in the Surfrider Foundation

| | | |
|------|--------------------|--------------------------------|
| J317 | Daniel Leung | North Bethesda Middle School |
| J604 | Alexandra Nelligan | Roberto Clemente Middle School |

Towson University

Excellence in Molecular Biology, Biochemistry or Bioinformatics

Towson University Award: 2nd Place: Certificates of Excellence and \$40
 S305 Sajjad Soltanmohammadi Muslim Community School

Towson University Award: 1st Place: Certificates of Excellence and \$60
 S306 Nicole Lee Sherwood High School
 S306 Dolma Gazan Sherwood High School

S306 Helen Cheung Sherwood High School

U.S. Airforce

For Excellence in Science and Engineering

Junior Division: 4 Awards: Certificate, Computer Accessories Kit, Sport Sling, Magnetic Floating Pen/holder

J831 Katherine Silberholz Roberto Clemente Middle School
J905 Amy Garcia-Vivas Parkland Middle School
J905 Saron Zerihun Parkland Middle School
J1101 Conrad Smith North Bethesda Middle School
J1224 Meera Krishnamoorthy Roberto Clemente Middle School

Senior Division: 4 Awards: Certificate, Computer Accessories Kit, Sport Sling, Magnetic Floating Pen/holder

S901 Jacob Hurwitz Montgomery Blair High School
S505 Russell McQueeney Winston Churchill High School
S507 Jeremy Fallick Montgomery Blair High School
S508 Victoria Lai Montgomery Blair High School

U.S. Army - Research Office

For Scientific Excellence

20 Honorable Mention: Certificate

S120 Daniel Zemel Sherwood High School
S206 Xinyi Zhou Montgomery Blair High School
S311 Yifan Li Montgomery Blair High School
S314 Akanksha Arya Bethesda-Chevy Chase High School
S319 Sophia Deng Montgomery Blair High School
S405 Nivetita Ravi Clarksburg High School
S411 Lok-Man Yeung Sherwood High School
S411 Darpan Kayastha Sherwood High School
S411 Ben Wu Sherwood High School
S507 Jeremy Fallick Montgomery Blair High School
S508 Victoria Lai Montgomery Blair High School
S601 Eric Keen Home Schooled
S702 Austin Duff Gaithersburg High School
S709 Lindsey Fernandez Montgomery Blair High School
S804 Ankit Sarkar Richard Montgomery High School
S806 Lauren Ruben Sherwood High School
S806 David Faunce Sherwood High School
S806 Jae Kim Sherwood High School
S809 Allison Hockman Sherwood High School
S809 Jessica Wire Sherwood High School
S1005 Conway Xu Montgomery Blair High School
S1010 Victoria Poon John F. Kennedy High School
S1101 Emeka Opara Sherwood High School
S1101 Matt Kinnard Sherwood High School
S1101 John Frens Sherwood High School
S1205 Zeshan Tariq Sherwood High School
S1205 Joseph Chang Sherwood High School
S1205 Johnny Anadale Sherwood High School
S1212 Maxwell Simpson Sherwood High School

8 Awards : Certificate of Achievement, Presentation Folder, and Messenger Bag

S112 Dainis Berzins Sherwood High School
S112 Eric Conrad Sherwood High School
S207 Rachael Lee Walt Whitman High School
S325 Claire McWhite Thomas S. Wootton High School
S706 Daniel Liss Charles E. Smith Jewish Day School
S802 Katherine Emerson Sherwood High School
S901 Jacob Hurwitz Montgomery Blair High School
S1002 Samirkumar Devalaraja Thomas S. Wootton High School
S1214 Jennifer Wang Montgomery Blair High School
S1214 Grace Young Other School-See notes

2 Awards 1st Prize: Certificate of Achievement, Presentation Folder, Messenger Bag, and Medallion

S710 Ian Grissom Clarksburg High School
S710 Luke Catherine Clarksburg High School
S710 Jeff Hong Clarksburg High School
S1209 Kamal Ndousse Montgomery Blair High School

U.S. Metric Association

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

Junior Division: Certificate
J440 Carson Schweickhardt Parkland Middle School

Senior Division: Certificate
S806 Lauren Ruben Sherwood High School
S806 David Faunce Sherwood High School
S806 Jae Kim Sherwood High School

U.S. Nuclear Regulatory Commission

For Outstanding Projects in Nuclear Science or Engineering

U.S. NRC Awards: Honorable Mention: Certificates of Merit
J309 Christine Allaire Holy Cross School
J418 Dhruv Shankar Roberto Clemente Middle School
J831 Katherine Silberholz Roberto Clemente Middle School
S508 Victoria Lai Montgomery Blair High School
S1202 Justin Yu Montgomery Blair High School

U.S. NRC Awards: 1st Place: Certificates of Merit
J504 Charles Yin Takoma Park Middle School
S405 Nivetita Ravi Clarksburg High School
S901 Jacob Hurwitz Montgomery Blair High School

U.S. Public Health Service

For Outstanding Projects in Health-Related Research

Junior Division: Certificate of Recognition
J1008 Lauren White St. Andrew Apostle School
J1008 Madeleine Boies St. Andrew Apostle School

Senior Division: Certificate of Recognition
S112 Dainis Berzins Sherwood High School
S112 Eric Conrad Sherwood High School

U.S. Public Health Service - Commissioned Officers Association

For Outstanding Projects in Health-related Research

Meritorious Achievement
S319 Sophia Deng Montgomery Blair High School
S304 Melissa Truong Montgomery Blair High School
S322 Allison Arai Montgomery Blair High School
S401 Kuo-Kai Chin Walter Johnson High School
S405 Nivetita Ravi Clarksburg High School
S411 Lok-Man Yeung Sherwood High School
S411 Darpan Kayastha Sherwood High School
S411 Ben Wu Sherwood High School
S502 Valery Leng Poolesville High School
S510 Tiffany Le Poolesville High School
S508 Victoria Lai Montgomery Blair High School
S702 Austin Duff Gaithersburg High School
S802 Katherine Emerson Sherwood High School
S1101 Emeka Opara Sherwood High School
S1101 Matt Kinnard Sherwood High School
S1101 John Frens Sherwood High School
S1002 Samirkumar Devalaraja Thomas S. Wootton High School
S1011 Sharon Ong Winston Churchill High School
S1012 Praveen Bachoti Northwest High School
S1010 Victoria Poon John F. Kennedy High School
S1013 Shilpa Kannan Montgomery Blair High School
S1209 Kamal Ndousse Montgomery Blair High School

3rd Place Distinguishing Achievement
S311 Yifan Li Montgomery Blair High School

2nd Place Distinguishing Achievement
S804 Ankit Sarkar Richard Montgomery High School

1st Place Distinguishing Achievement
S314 Akanksha Arya Bethesda-Chevy Chase High School

Washington Statistical Society

For Excellence in the Investigation or Use of Statistical Methods

Honorable Mention: Certificates of Excellence
J906 Diane Tchuindjo North Bethesda Middle School
J907 Oscar Mujica Earle B. Wood Middle School
J112 Megan Chao Takoma Park Middle School

| | | |
|------|-------------------|---------------------------|
| J112 | Yvonne Luk | Takoma Park Middle School |
| J112 | Saron Teklezgi | Takoma Park Middle School |
| S105 | Caitlin Whiteis | Sherwood High School |
| S105 | Tori Rhoades | Sherwood High School |
| S107 | Emily Levine | Sherwood High School |
| S107 | Christie Intoccia | Sherwood High School |

Two 2nd Place prizes: Statistics book, ASA School Membership, Subscription to Chance magazine, and Certificate of Excellence

| | | |
|-------|--------------|-------------------------------|
| J904 | Sophie Colle | Tilden Middle School |
| S1213 | Bilal Naved | Thomas S. Wootton High School |

1st Place: \$150, ASA School Membership, Subscription to Chance magazine, and Certificate of Excellence

| | | |
|------|---------|---------------------------|
| J903 | Alan Du | Takoma Park 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

| | | |
|------|-----------------------|--------------------------------|
| J604 | Alexandra Nelligan | Roberto Clemente Middle School |
| J806 | Theodore Corrales | Takoma Park Middle School |
| J806 | Tonle Bloomer | Takoma Park Middle School |
| J841 | Edward Liang | Roberto Clemente Middle School |
| J841 | Bowen Lian | Roberto Clemente Middle School |
| J844 | Paul B. Ellis | Sligo Middle School |
| J308 | Thayer Seely | John H. Poole Middle School |
| J314 | Nirav Shah | Parkland Middle School |
| J314 | Bryan Citrenbaum | Parkland Middle School |
| J601 | Kareem McDavid | Roberto Clemente Middle School |
| J704 | Pablo Lopez | Holy Cross School |
| J818 | Julia Cavicchi | Parkland Middle School |
| J809 | Eric Arai | North Bethesda Middle School |
| J612 | Shubham Chattopadhyay | Parkland Middle 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

| | | |
|------|-------------------|--------------------------|
| S408 | Ese Ikheloa | Sherwood High School |
| S408 | Maggie Glaudemans | Sherwood High School |
| S408 | Jessica Golding | Sherwood High School |
| S702 | Austin Duff | Gaithersburg High School |