

**The 58th Annual
Montgomery County Science Fair**
Presented by ScienceMONTGOMERY
Saturday, March 15, 2014

ISEF AWARDS in the Senior Division

Winners: Expense paid trip to compete in the INTEL International Science and Engineering Fair (ISEF), Los Angeles, California, May 11-16, 2014, and \$250 Award

Category	Project	Name & School	Project Title
Behavioral & Social Sciences	H102	Daniela Ganelin Blair High School	Differences in word usage patterns between well-recovered aphasic patients and control subjects on a picture description task
Biology	H213	Neil Davey Blair High School	Early cancer diagnosis and treatment through the detection of circulating tumor cells using drop-based microfluidics
Computer Science & Mathematics	H416	Vinay Sriram Poolesville High School	Design and performance analysis of optimization algorithms for efficient cryptographic processing in secure internet routing protocol
Computer Science & Mathematics	H423	Jessica Shi Blair High School	Speed of families of intersecting graphs
1st Alternate: \$100 Cash and First Alternate for trip to ISEF			
Physics	H701	Ishaun Datta Blair High School	Saturated nuclear matter in large N_c and heavy quark limits of quantum chromodynamics

Category Winners - Middle School

First Prizes: \$100 and Certificate

Second Prizes: \$50 and Certificate

Third Prizes: \$25 and Certificate

Teams Share Awards

M100 - Behavioral Sciences

Place	Project #	Full Name	School
1st	M115	Madeline Zalewski	Holy Cross School
1st	M107	Morgan Hamel	School for Tomorrow
2nd	M109	Brennan Lyons	Holy Cross School
2nd	M101	Tiara Oldfield	Takoma Park Middle School
3rd	M117	Autumn Wang	Roberto Clemente Middle School
3rd	M105	Sofia Bzhilyanskaya	Roberto Clemente Middle School
H	M111	Bilal Siddiqui	Parkland Middle School
H	M108	Katherine He	Roberto Clemente Middle School

M200 - Biology

Place	Project #	Full Name	School
1st	M221	Edward Bian	Roberto Clemente Middle School
1st	M233	Sue Lee	Roberto Clemente Middle School
1st	M215	Bhuvana Pandalai	Parkland Middle School
1st	M253	Jonathan Odum	Takoma Park Middle School
1st	M246	Luke Xia	Roberto Clemente Middle School
1st	M209	Joshua Starost	Roberto Clemente Middle School
2nd	M222	Maggie Chen	Roberto Clemente Middle School
2nd	M236	Lisa Yang	Roberto Clemente Middle School
2nd	M216	Daniel Schaffer	Takoma Park Middle School
2nd	M248	Kevin Su	Roberto Clemente Middle School
2nd	M248	Shriyash Upadhyay	Roberto Clemente Middle School
2nd	M238	Varsha Iyer	Roberto Clemente Middle School
2nd	M203	Adan Castillo	Parkland Middle School
3rd	M219	Andrew Zhang	Takoma Park Middle School
3rd	M229	Jonathan Huang	Roberto Clemente Middle School
3rd	M229	Rohit Chari	Roberto Clemente Middle School
3rd	M218	Benjamin Solomich	Roberto Clemente Middle School
3rd	M258	Shreeya Khurana	Takoma Park Middle School
3rd	M257	Shawn Zhao	Takoma Park Middle School
3rd	M257	Cato Wang	Takoma Park Middle School
3rd	M239	Divya Katti	Roberto Clemente Middle School
3rd	M202	George Carson	Parkland Middle School
H	M249	Raven Devore	Roberto Clemente Middle School
H	M254	Julia Chien	Takoma Park Middle School
H	M254	Carissa Wu	Takoma Park Middle School
H	M254	Christine Cho	Takoma Park Middle School
H	M240	Gautom Das	Takoma Park Middle School
H	M208	Vaishnavi Sesetty	Roberto Clemente Middle School

M300 - Chemistry

Place	Project #	Full Name	School
1st	M325	Prish Udayakumar	Takoma Park Middle School
1st	M333	Ryan Halli	Argyle Middle School
1st	M318	Logan Saar	Roberto Clemente Middle School
1st	M318	Yash Atitkar	Roberto Clemente Middle School
1st	M345	Ankitha Durvasula	Takoma Park Middle School

1st	M356	Katherine Lei	Takoma Park Middle School
1st	M309	Samarth Nayak	Roberto Clemente Middle School
2nd	M327	Ananya Tadikonda	Roberto Clemente Middle School
2nd	M335	Michelle Zheng	Roberto Clemente Middle School
2nd	M337	Sapna Bagalkotkar	Roberto Clemente Middle School
2nd	M337	Anjali Kalra	Roberto Clemente Middle School
2nd	M315	Mihika Peshwa	Roberto Clemente Middle School
2nd	M306	Michelle Ling	Roberto Clemente Middle School
2nd	M353	Lauren Herring	Parkland Middle School
2nd	M342	Thomas Del Vecchio	Roberto Clemente Middle School
3rd	M323	Brandon Torbay	Roberto Clemente Middle School
3rd	M332	Stephen White	St. Andrew Apostle School
3rd	M340	Basaam Malik	Roberto Clemente Middle School
3rd	M311	Connor O'Brien	Roberto Clemente Middle School
3rd	M304	Kile Scott	Roberto Clemente Middle School
3rd	M355	Kameron Hnath	Roberto Clemente Middle School
3rd	M355	Gianmarco Guzman	Roberto Clemente Middle School
3rd	M350	Laura Espinoza	Takoma Park Middle School
3rd	M350	Charlotte Hirsch	Takoma Park Middle School
H	M321	Marshall Nambiar	Roberto Clemente Middle School
H	M313	Emmanuel Ojamo	Takoma Park Middle School
H	M302	Edward Lee	Roberto Clemente Middle School
H	M301	Ekesh Kumar	Parkland Middle School
H	M354	David Hinds	Parkland Middle School
H	M346	Rianna Ehrenreich	St. Andrew Apostle School
H	M346	Grace Blanco	St. Andrew Apostle School
H	M351	Yaneelee Felicien	Takoma Park Middle School

M400 - Computer Science & Math

Place	Project #	Full Name	School
1st	M403	Elvin Liu	Roberto Clemente Middle School
1st	M403	Alex Hu	Roberto Clemente Middle School
2nd	M411	Siddharth Taneja	Robert Frost Middle School
2nd	M411	Anish Thakker	Cabin John Middle School
2nd	M411	Avanish Yendluri	Kingsview Middle School
3rd	M401	Luxman Maheswaran	Takoma Park Middle School

M500 - Engineering

Place	Project #	Full Name	School
1st	M508	Kevin Chen	Roberto Clemente Middle School
1st	M541	Katherine Wu	Takoma Park Middle School
1st	M524	Shiv Luthra	Takoma Park Middle School
1st	M512	Everest Bloomer	Takoma Park Middle School
2nd	M535	Catherine Rodriguez	Takoma Park Middle School
2nd	M518	Daniel Lee	Roberto Clemente Middle School
2nd	M526	Parth Oza	Roberto Clemente Middle School
2nd	M526	Jagan Prem	Roberto Clemente Middle School
2nd	M505	Philip Bernstein	Parkland Middle School
2nd	M502	Juliet Niebylski	Westland Middle School
3rd	M521	Joshua Yu	Roberto Clemente Middle School
3rd	M505	Philip Bernstein	Parkland Middle School
3rd	M514	Justin Hughes	Tilden Middle School
3rd	M534	Brian Spates	Roberto Clemente Middle School
3rd	M534	Mitchell Fream	Roberto Clemente Middle School
H	M510	Noah Hope	St. Andrew Apostle School
H	M515	Aideen Hwang	Holy Cross School

H	M517	Dominic Manzella	Argyle Middle School
H	M517	Hirschel Nambiar	Argyle Middle School
H	M517	Reynald Oliveria	Argyle Middle School
H	M538	Ryan Vipavetz	St. Andrew Apostle School
H	M533	Dylan Snow	Roberto Clemente Middle School
H	M528	Sahil Sahni	Parkland Middle School

M700 - Physics

Place	Project #	Full Name	School
1st	M727	Anav Babbar	Parkland Middle School
1st	M709	Noah Singer	Takoma Park Middle School
1st	M709	Elliot Kienzle	Takoma Park Middle School
1st	M728	Nikhil Sahni	Parkland Middle School
1st	M718	Sneha Ojha	Takoma Park Middle School
1st	M718	Anjali Gupta	Takoma Park Middle School
1st	M746	Sreya Vangara	Roberto Clemente Middle School
2nd	M723	Esika Savsani	Roberto Clemente Middle School
2nd	M704	Simon Chervenak	Takoma Park Middle School
2nd	M704	Jacob Palosky	Takoma Park Middle School
2nd	M736	Jared Schwartz	Parkland Middle School
2nd	M714	Matthew Kolodner	Roberto Clemente Middle School
2nd	M737	Montague Nagel	Parkland Middle School
2nd	M713	Dillon D'Rozario	Parkland Middle School
3rd	M722	Pamela Steimel	Roberto Clemente Middle School
3rd	M722	Catherine Dang	Roberto Clemente Middle School
3rd	M702	Allie Battista	Takoma Park Middle School
3rd	M730	Jack Murphy	Parkland Middle School
3rd	M715	Vivek Uppoor	Parkland Middle School
3rd	M744	David Singleton	Parkland Middle School
H	M719	Krishnan Guruvayurappan	Parkland Middle School
H	M724	Upneet Bir	Parkland Middle School
H	M708	Franklin Choi	Roberto Clemente Middle School
H	M732	Ryan Lertora	Parkland Middle School
H	M734	Dylan Medina	St. Andrew Apostle School
H	M742	Orrin Ni	Roberto Clemente Middle School
H	M745	Yashvi Shah	Argyle Middle School

Category Winners - High School

First Prizes: \$100 and Certificate

Second Prizes: \$50 and Certificate

Third Prizes: \$25 and Certificate

Teams Share Awards

H100 - Behavioral Social Sciences

Place	Project #	Full Name	School
1st	H102	Daniela Ganelin	Blair High School
2nd	H101	Sarah Asfari	Home Schooled
2nd	H101	Yousuf Asfari	Al-Huda High School
3rd	H103	Anurudh Ganesan	CHome Schooled
H	H104	Jacqueline Hwang	Wootton High School

H200 - Biology

Place	Project #	Full Name	School
1st	H202	Chaoyang Wang	Wootton High School
1st	H213	Neil Davey	Blair High School
2nd	H203	Richard Zhu	Blair High School
2nd	H211	Milani Chatterji-Len	Walt Whitman High School
2nd	H215	Hueyjong Shih	Blair High School
3rd	H205	Trinish Chatterjee	Richard Montgomery High School
3rd	H218	Veda Ravishankar	Poolesville High School
H	H201	Sanyukta Deshmukh	Wootton High School
H	H206	Yomiyou Geleta	Blair High School
H	H208	Kushi Ranganath	Wootton High School
H	H209	Dhruv Shankar	Poolesville High School
H	H207	Sreejan Kumar	Poolesville High School
H	H204	Nadia Finkel	Bethesda-Chevy Chase High School
H	H217	Michelle Noh	Blair High School
H	H210	Nick Fernandez	Poolesville High School
H	H210	Raymond Cheng	Poolesville High School
H	H210	Calvin Kinzie	Poolesville High School

H300 - Chemistry

Place	Project #	Full Name	School
1st	H311	Kathleen Cho	Poolesville High School
1st	H311	Daojun Xu	Poolesville High School
1st	H301	Katherine Brizzolara	Walter Johnson High School
2nd	H308	Thanushree Manjunath	Poolesville High School
2nd	H308	Nidhi Mathew	Poolesville High School
2nd	H305	Divya Gandla	Poolesville High School
3rd	H313	Aanchal Johri	Blair High School
3rd	H303	Karl Zhao	Poolesville High School

H400 - Computer Science & Math

Place	Project #	Full Name	School
1st	H406	Devin Smedira	Poolesville High School
1st	H416	Vinay Sriram	Poolesville High School
1st	H423	Jessica Shi	Blair High School
2nd	H413	Ayush Goyal	Poolesville High School
2nd	H405	Ramya Durvasula	Blair High School
2nd	H424	Jared Lichtman	Blair High School
2nd	H424	Daniel Mangoubi	Other
3rd	H415	Matthew Kellman	Walt Whitman High School

3rd	H422	Aakarshan Bhardwaj	Poolesville High School
3rd	H402	Richard Wang	Poolesville High School
H	H419	Hannah Sun	Poolesville High School
H	H419	Anusha Patgiri	Poolesville High School
H	H401	Kevin Zong	Poolesville High School
H	H421	Megan Chao	Blair High School

H500 - Engineering

Place	Project #	Full Name	School
1st	H501	Paul B. Ellis	Blair High School
1st	H515	Andrew Lent	Poolesville High School
2nd	H511	Max Niebylski	Bethesda-Chevy Chase High School
2nd	H505	Andrew Wang	Poolesville High School
2nd	H505	Brandon Grinkemeyer	Poolesville High School
2nd	H505	Elan Guzman	Poolesville High School
3rd	H512	Peregrine Lowe	Sherwood High School
3rd	H517	Ethan Chen	Blair High School
3rd	H502	Anish Prasanna	Poolesville High School
3rd	H502	Jihoo Jang	Poolesville High School
H	H513	Kashif Rahman	Poolesville High School
H	H514	Nathan Schilling	Blair High School
H	H518	Nathan Kwon	Poolesville High School
H	H503	Ishan Mundra	Poolesville High School
H	H503	Karn Chawla	Poolesville High School
H	H504	Alan Li	Blair High School
H	H506	Jacob Glueck	Poolesville High School

H700 - Physics

Place	Project #	Full Name	School
1st	H701	Ishaun Datta	Blair High School
1st	H703	Richa Gupta	Wootton High School
2nd	H704	André Guzmán	Poolesville High School
3rd	H708	Clare Singer	Blair High School
H	H706	Caroine Leng	Poolesville High School
H	H709	Joseph Smiga	Poolesville High 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 Pursue Careers in Science and
 Engineering**

**Senior: Honorable Mention: Invitation to compete at The Aerospace Corporation
 Herndon Science Competition April 3, 2014 (PSO)**

H701	Ishaun Datta	Blair High School
H709	Joseph Smiga	Poolesville High School
H707	Rahul Menon	Poolesville High School
H517	Ethan Chen	Blair High School
H518	Nathan Kwon	Poolesville High School
H401	Kevin Zong	Poolesville High School
H421	Megan Chao	Blair High School
H424	Jared Lichtman	Blair High School
H424	Daniel Mangoubi	Other

**Senior: 1st Place: \$600 cash award + invitation to compete at The Aerospace
 Corporation Herndon Science Competition April 3, 2014**

H704	André Guzmán	Poolesville High School
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**Junior: Honorable Mention: Invitation to participate and compete in The
 Aerospace Corporation Herndon Science Competition on April 3, 2014**

M527	Safiullah Rifai	Argyle Middle School
M703	Claire Brizzolara	North Bethesda Middle School
M408	Andrew Komo	Takoma Park Middle School
M408	Noah Kim	Takoma Park Middle School
M714	Matthew Kolodner	Roberto Clemente Middle School
M727	Anav Babbar	Parkland Middle School
M718	Sneha Ojha	Takoma Park Middle School
M718	Anjali Gupta	Takoma Park Middle School
M524	Shiv Luthra	Takoma Park Middle School

**Junior: 1st Place: \$600 cash award at Middle School Level, invitation to present
 science project at The Aerospace Corporation Herndon Science Competition on
 April 3, 2014.**

M512	Everest Bloomer	Takoma Park Middle School
M717	Emmett Gideos	Parkland Middle School

3rd Place: Certificate and \$100

H201	Sanyukta Deshmukh	Wootton High School
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2nd Place: Certificate and \$200

H309	Cole Schneider	Poolesville High School
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1st Place: Certificate and \$300

H311	Kathleen Cho	Poolesville High School
H311	Daojun Xu	Poolesville High School

American Meteorological Society (AMS)-DC Chapter	For Outstanding Achievement in an Atmospheric or Earth Science
Junior Certificate, and Banquet Invitation and Opportunity to Compete for Further Awards	
M746 Sreya Vangara	Roberto Clemente Middle School
Senior Certificate, and Banquet Invitation and Opportunity to Compete for Further Awards	
H703 Richa Gupta	Wootton High School
H703 Rachel Jacob	Other
American Nuclear Society; Washington, DC Section	For Outstanding Achievement in Projects in Nuclear Physics and Technology
Honorable Mention Certificate	
H701 Ishaun Datta	Blair High School
3rd Place Certificate	
M746 Sreya Vangara	Roberto Clemente Middle School
2nd Place Certificate and \$50	
M218 Benjamin Solomich	Roberto Clemente Middle School
1st Place Certificate and \$100; Invitation to Dinner meeting	
H702 Anusha Dixit	Poolesville High School
American Psychological Association	Recognizing Outstanding Research Projects in Behavior and Social Science
Certificate	
H102 Daniela Ganelin	Blair High School
American Society of Mechanical Engineers	Excellence in Science and Engineering
Senior: 3rd Place: Certificate and \$50	
H517 Ethan Chen	Blair High School
Senior: 2nd Place: Certificate and Invitation to dinner - student and parents (\$75)	
H502 Anish Prasanna	Poolesville High School
H502 Jihoon Jang	Poolesville High School
Senior: 1st Place: Certificate and Invitation to dinner - student and parents	
H515 Andrew Lent	Poolesville High School
The ASM Materials Education Foundation--DC Chapter	Recognizing Excellence in Materials Related Science
Junior or senior: Certificate of Recognition and medallion	
H301 Katherine Brizzolara	Walter Johnson High School
Association for Women Geoscientists	For a Project by a Student for High Standards of Innovation and Excellence in the Geosciences
Junior or senior Certificate of Excellence	
M746 Sreya Vangara	Roberto Clemente Middle School
Biophysical Society	For a senior project demonstrating excellence in biophysics
Senior: Certificate and \$100 Cash Award and recognition in upcoming	
H213 Neil Davey	Blair High School

Broadcom MASTERS**Nomination packet for all first place winners in
the MIDDLE SCHOOL FAIR**

Nomination to compete in Broadcom MASTERS national competition

M115	Madeline Zalewski	Holy Cross School
M107	Morgan Hamel	School for Tomorrow
M221	Edward Bian	Roberto Clemente Middle School
M233	Sue Lee	Roberto Clemente Middle School
M215	Bhuvana Pandalai	Parkland Middle School
M253	Jonathan Odum	Takoma Park Middle School
M246	Luke Xia	Roberto Clemente Middle School
M209	Joshua Starost	Roberto Clemente Middle School
M325	Prish Udayakumar	Takoma Park Middle School
M333	Ryan Halli	Argyle Middle School
M318	Logan Saar	Roberto Clemente Middle School
M318	Yash Atitkar	Roberto Clemente Middle School
M345	Ankitha Durvasula	Takoma Park Middle School
M356	Katherine Lei	Takoma Park Middle School
M309	Samarth Nayak	Roberto Clemente Middle School
M403	Elvin Liu	Roberto Clemente Middle School
M403	Alex Hu	Roberto Clemente Middle School
M508	Kevin Chen	Roberto Clemente Middle School
M501	Sadia Nourin	Argyle Middle School
M501	Vicky Ma	Argyle Middle School
M501	Tyler Flores	Argyle Middle School
M541	Katherine Wu	Takoma Park Middle School
M524	Shiv Luthra	Takoma Park Middle School
M512	Everest Bloomer	Takoma Park Middle School
M727	Anav Babbar	Parkland Middle School
M709	Noah Singer	Takoma Park Middle School
M709	Elliot Kienzle	Takoma Park Middle School
M728	Nikhil Sahni	Parkland Middle School
M718	Sneha Ojha	Takoma Park Middle School
M718	Anjali Gupta	Takoma Park Middle School
M746	Sreya Vangara	Roberto Clemente Middle School

Central Intelligence Agency**For Projects in the Senior Division in
Technologies of National Interest**

Invitation to Awards Ceremony and Tour of CIA Headquarters

M746	Sreya Vangara	Roberto Clemente Middle School
M208	Sriya Srikanth	Roberto Clemente Middle School
M208	Vaishnavi Sesetty	Roberto Clemente Middle School
H515	Andrew Lent	Poolesville High School
M356	Katherine Lei	Takoma Park Middle School

Clean Air Partners**Best project that addresses sources and/ or
solutions to air pollution and/or climate change**

Senior: \$50 Award

H703	Richa Gupta	Wootton High School
H703	Rachel Jacob	Other

Junior: \$50 Award

M302	Edward Lee	Roberto Clemente Middle School
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Federal Water Quality Association

Senior:**2nd Place: Certificate and T-shirt,**

H501 Paul B. Ellis Blair High School

1st Place: Certificate, T-shirt, \$100 check and invitation to our

H303 Karl Zhao Poolesville High School

Junior:**Honorable mention: Certificate and T-shirt**

M316 Yasmine Pierre Parkland Middle School

M347 Chloe Godfrey Takoma Park Middle School

M246 Luke Xia Roberto Clemente Middle School

3rd Place: Certificate and T-shirt

M222 Maggie Chen Roberto Clemente Middle School

2nd Place: Certificate and T-shirt

M221 Edward Bian Roberto Clemente Middle School

1st Place: Certificate and T-shirt, \$100 check and invitation to our

M258 Shreeya Khurana Takoma Park Middle School

Team:**3rd Place: Certificate and T-shirt**

M312 Laura Yao Eastern Middle School

M312 Joy Shi Eastern Middle School

2nd Place: Certificate and T-shirt

M350 Laura Espinoza Takoma Park Middle School

M350 Charlotte Hirsch Takoma Park Middle School

1st Place: Certificate and T-shirt, \$100 check and invitation to our

H703 Richa Gupta Wootton High School

H703 Rachel Jacob Other

**Friends of Agricultural Research--Beltsville
(FAR-B)****For Excellent Junior Projects in Biology,
Environment, Medical Sciences and Computer
Science.**

3rd Place in Environmental Science: Certificate of Merit and \$15 gift certificate

M322 Konstantin Tomashevsky Robert Frost Middle School

2nd Place in Environmental Science: Certificate of Merit and \$20 gift certificate

M351 Yanelee Felicien Takoma Park Middle School

1st Place in Environmental Science: Certificate of Merit and \$30 gift certificate

M331 Jeffrey Tran Roberto Clemente Middle School

3rd Place in Biology: Certificate of Merit and \$15 gift certificate

M329 Ethan Tang Takoma Park Middle School

2nd Place in Biology: Certificate of Merit and \$20 gift certificate

M348 Kaya Nadine Edmondson-Deigh Parkland Middle School

1st Place in Biology: Certificate of Merit and \$30 gift certificate

M326 Alessandra Sena Roberto Clemente Middle School

3rd Place in Computer Science: Certificate of Merit and \$15 gift certificate

M407 Naveen Durvasula Takoma Park Middle School

2nd Place in Computer Science: Certificate of Merit and \$20 gift certificate

M411 Siddharth Taneja Robert Frost Middle School

M411 Anish Thakker Cabin John Middle School

M411 Avani Yendluri King's View Middle School

1st Place in Computer Science: Certificate of Merit and \$30 gift certificate

M403 Elvin Liu Roberto Clemente Middle School

M403	Alex Hu	Roberto Clemente Middle School
3rd Place in Microbiology and Health: Certificate of Merit and \$15 gift certificate		
M234	Siri Ranganath	Robert Frost Middle School
2nd Place in Microbiology and Health: Certificate of Merit and \$20 gift certificate		
M204	Alan Lin	Roberto Clemente Middle School
M204	Alvin Ya	Roberto Clemente Middle School
1st Place in Microbiology and Health: Certificate of Merit and \$30 gift certificate		
M216	Daniel Schaffer	Takoma Park Middle School

GENIUS OLYMPIAD

**For projects in ecology and biodiversity,
environmental quality, resources and energy
and human ecology**

Senior: Certificate and nomination to compete in the SUNY Oswego GENIUS

H211	Milani Chatterji-Len	Walt Whitman High School
H501	Paul B. Ellis	Blair High School

Geological Society of Washington

For Excellence in Earth Science

Senior Division
Third Place: Certificate and Ribbon
Second Place: Certificate and Ribbon

H505	Andrew Wang	Poolesville High School
H505	Brandon Grinkemeyer	Poolesville High School
H505	Elan Guzman	Poolesville High School

First Place: Certificate, Letter, and Ribbon

H703	Richa Gupta	Wootton High School
H703	Rachel Jacob	Other

Junior Division
Third Place: Certificate and Ribbon

M703	Claire Brizzolara	North Bethesda Middle School
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Second Place: Certificate and Ribbon

M713	Dillon D'Rozario	Parkland Middle School
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First Place: Certificate and Ribbon

M746	Sreya Vangara	Roberto Clemente Middle School
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Graduate Women in Science

For Recognition of Excellence

Certificates for Recognition of Excellence

M306	Michelle Ling	Roberto Clemente Middle School
H706	Caroine Leng	Poolesville High School
H423	Jessica Shi	Blair High School
H421	Megan Chao	Blair High School
H301	Katherine Brizzolara	Walter Johnson High School
H405	Ramya Durvasula	Blair 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

H702	Anusha Dixit	Poolesville High School
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2nd Place: Certificate of Merit and \$200

H505	Andrew Wang	Poolesville High School
H505	Brandon Grinkemeyer	Poolesville High School
H505	Elan Guzman	Poolesville High School

1st Place: Certificate of Merit, \$300 and Invitation to Award Banquet

H503	Ishan Mundra	Poolesville High School
H503	Karan Chawla	Poolesville High School

Intel Excellence in Computer Science Award
Excellence in Computer Science in Senior Division

Senior: Certificate of Achievement and \$200

H416	Vinay Sriram	Poolesville High School
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I-SWEEEP: International Sustainable World (Engineering, Energy, Environment) Project Olympiad
For Outstanding Projects in Environmental Sustainability and Innovation

Senior: Sustainability Award and Invitation to Student and Supervisor Apply to Participate in 2014 Olympiad
Alternate Senior:

H501	Paul B. Ellis	Blair High School
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Senior: Sustainability Award and Invitation to Student and Supervisor Apply to Participate in 2014 Olympiad

H211	Milani Chatterji-Len	Walt Whitman High School
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Lockheed Martin
Excellence in Engineering, Computer Science and Mathematics

Engineering Runner up: Certificate and gift bag

M515	Aideen Hwang	Holy Cross School
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Engineering 1st Place: Certificate and gift bag

H501	Paul B. Ellis	Blair High School
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Chemistry 1st Place: Certificate and gift bag

H314	Shraeya Madhu	Poolesville High School
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Team Award: Certificates and gift bags

H505	Andrew Wang	Poolesville High School
H505	Brandon Grinkemeyer	Poolesville High School
H505	Elan Guzman	Poolesville High School

MdBiolab
For Outstanding Research in Biotechnology

Senior: Certificate, tshirt, \$50 VISA gift card

H207	Sreejan Kumar	Poolesville High School
H208	Kushi Ranganath	Wootton High School

MIT Club of Washington, D.C.
For 11th Grade Projects Demonstrating Excellence in Life or Physical Science, Engineering, Mathematics, or Computer Science

Honorable Mention: Certificate of Excellence and Subscription to MIT

H208	Kushi Ranganath	Wootton High School
H204	Nadia Finkel	Bethesda-Chevy Chase High School

First Place: Certificate, \$150, and Subscription to MIT Technology Review

H506	Jacob Glueck	Wootton High School
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MRIGlobal
For Outstanding Achievement in Life Sciences

Junior: A stipend of \$75, and a Certificate

M211	Devin Hoover	Roberto Clemente Middle School
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Senior: A stipend of \$100, and a Certificate

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

Senior: 1st Place Alternate

H203 Richard Zhu

Blair High School

Senior: 1st Place: Certificate •\$100 cash •An invitation to present at the

H213 Neil Davey

Blair High School

Metro Bethesda Rotary Club
Excellence in Science: \$100 gift certificate to a female Middle School student

M101 Tiara Oldfield

Takoma Park Middle School

Mu Alpha Theta

For project demonstrating the most challenging, original, thorough, and creative investigation of a problem

Certificate of Achievement in the Senior division

H405 Ramya Durvasula

Blair High School

National Capital Astronomers

For Projects Demonstrating Excellence in Astronomy

Certificate; One year membership in NCA; One year subscription to Sky and

M407 Naveen Durvasula

Takoma Park Middle School

M401 Luxman Maheswaran

Takoma Park Middle School

M746 Sreya Vangara

Roberto Clemente Middle School

National Oceanic and Atmospheric Administration (NOAA)

For Research That Helps understand and predict changes in climate, weather, oceans, and coasts.

Junior or Senior Division: letter of Congratulations, Award certificate and a

M207 Alison Ransom

John Poole Middle School

Office of Naval Research

For Achievement in Science or Technology

Five Junior Division prizes: Letter of Congratulations ONR Medallion Naval Science Award Certificate and ONR Brochure

M316 Yasmine Pierre

Parkland Middle School

M309 Samarth Nayak

Roberto Clemente Middle School

M327 Ananya Tadikonda

Roberto Clemente Middle School

M345 Ankitha Durvasula

Takoma Park Middle School

M517 Dominic Manzella

Argyle Middle School

M517 Hirschel Nambiar

Argyle Middle School

M517 Reynald Oliveria

Argyle Middle School

Three Senior Division prizes: Letter of Congratulations ONR Medallion Naval Science Award Certificate and ONR Brochure

H517 Ethan Chen

Blair High School

H501 Paul B. Ellis

Blair High School

H219 Soham Sen

Northwest High School

Optical Society of America, National Capital Section/IEEE Phototonics	For Achievement in Optics and Photonics
Junior Division: Certificate	
M714 Matthew Kolodner	Roberto Clemente Middle School
M702 Allie Battista	Takoma Park Middle School
M703 Claire Brizzolara	North Bethesda Middle School
M257 Shawn Zhao	Takoma Park Middle School
M257 Cato Wang	Takoma Park Middle School
Senior Division: Certificate	
H704 André Guzmán	Poolesville High School
H419 Hannah Sun	Poolesville High School
H419 Anusha Patgiri	Poolesville High School
H506 Jacob Glueck	Wootton High School
Ricoh Sustainable Development Award	For Outstanding Projects Addressing the Potential for Increasing Our Ability to Grow Environmentally Friendly and Socially Responsible Businesses
Junior or Senior Division: Certificate	
M532 Nikita Singh	Takoma Park Middle School
M532 Esther Lee	Takoma Park Middle School
Rockville Science Center	For Middle School Projects Demonstrating Excellence in the Communication of Science
Behavioral and Social Science	
3rd Place: Certificate	
M107 Morgan Hamel	School for Tomorrow
2nd Place: Certificate	
M115 Madeline Zalewski	Holy Cross School
1st Place: Certificate	
M101 Tiara Oldfield	Takoma Park Middle School
Biology	
Honorable Mention: Certificate	
M246 Luke Xia	Roberto Clemente Middle School
3rd Place: Certificate	
M254 Julia Chien	Takoma Park Middle School
M254 Carissa Wu	Takoma Park Middle School
M254 Christine Cho	Takoma Park Middle School
2nd Place: Certificate	
M207 Alison Ransom	John Poole Middle School
1st Place: Certificate	
M258 Shreeya Khurana	Takoma Park Middle School
Chemistry	
Honorable Mention: Certificate	
M342 Thomas Del Vecchio	Roberto Clemente Middle School
M336 Daniel Zhu	Roberto Clemente Middle School
3rd Place: Certificate	
M309 Samarth Nayak	Roberto Clemente Middle School
M345 Ankitha Durvasula	Takoma Park Middle School
2nd Place: Certificate	
M331 Jeffrey Tran	Roberto Clemente Middle School
1st Place: Certificate	

M341	Mehana Daftary	Eastern Middle School
Computer Science & Math		
Honorable Mention: Certificate		
M404	Vincent Gao	Takoma Park Middle School
Engineering		
Honorable Mention: Certificate		
M518	Daniel Lee	Roberto Clemente Middle School
M537	Jorin Vincent	Parkland Middle School
M538	Ryan Vipavetz	St. Andrew Apostle School
3rd Place: Certificate		
M503	Rohan Abraham	Parkland Middle School
2nd Place: Certificate		
M527	Safiullah Rifai	Argyle Middle School
1st Place: Certificate		
M535	Catherine Rodriguez	Takoma Park Middle School
Physics		
1st Place: Certificate		
M704	Simon Chervenak	Takoma Park Middle School
M704	Jacob Palosky	Takoma Park Middle School
2nd Place: Certificate		
M727	Anav Babbar	Parkland Middle School
3rd Place: Certificate		
M702	Allie Battista	Takoma Park Middle School
M728	Nikhil Sahni	Parkland Middle School

Sigma Xi, NIST Chapter
For Excellence in Science

\$25 gift certificate, award certificate

H506	Jacob Glueck	Wootton High School
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Sigma Xi, FDA Chapter
Excellence in Scientific Research

Senior: Honorable Mention: \$50 + certificate

H204	Nadia Finkel	Bethesda-Chevy Chase High School
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Senior: 2nd place: \$100 + certificate

H215	Hueyjong Shih	Blair High School
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Senior: 1st place: \$150 + certificate

H213	Neil Davey	Blair High School
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Society for In Vitro Biology
**For 11th Grade Projects Demonstrating
Excellent Research in Plant or Animal
in vitro Biology or Tissue Culture**

Certificate of Outstanding Achievement

H208	Kushi Ranganath	Wootton High School
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Stockholm Junior Water Prize
For Excellence in Water Research

Projects in Senior Division: Certificate + Nominations to SJWP state
2nd Place

H303	Karl Zhao	Poolesville High School
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1st Place

H703	Richa Gupta	Wootton High School
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H703	Rachel Jacob	Other
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U.S. Airforce
**For Excellence in Science and
Engineering**

Senior Division:**Honorable mention: Certificate**

H508 Kalin Vassilev Blair High School

3rd Place: Certificate and medal

H518 Nathan Kwon Poolesville High School

2nd Place: Certificate and medal

H515 Andrew Lent Poolesville High School

1st Place: Certificate and medal

H502 Anish Prasanna Poolesville High School

H502 Jihoon Jang Poolesville High School

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

1 Award Junior or Senior Division: Certificate

H313 Aanchal Johri Blair High School

U.S. Nuclear Regulatory Commission**For Outstanding Projects in Nuclear
Science or Engineering****Juniors****3rd Place Certificate of Recognition**

M408 Andrew Komo Takoma Park Middle School

M408 Noah Kim Takoma Park Middle School

2nd Place Certificate of Recognition

M402 George Klees Takoma Park Middle School

M402 Theo Tosini Takoma Park Middle School

1st Place Certificate of Recognition

M508 Kevin Chen Roberto Clemente Middle School

Seniors:**3rd Place Certificate of Recognition**

H402 Richard Wang Poolesville High School

2nd Place Certificate of Recognition

H701 Ishaun Datta Blair High School

1st Place Certificate of Recognition

H503 Ishan Mundra Poolesville High School

H503 Karan Chawla Poolesville High School

**U.S. Public Health Service - US Surgeon General's
Award****For Outstanding Project in Health
Prevention****Senior: Certificate, medallion and letter of congratulations**

H304 Amelia Cherian Poolesville High School

**U.S. Public Health Service - Commissioned Officers
Association****For Outstanding Projects in Health-
Related Research****Meritorious Achievement: Medal and Certificate**

H215 Hueyjong Shih Blair High School

H101 Sarah Asfari Home Schooled

H101 Yousuf Asfari Al-Huda High School

H102 Daniela Ganelin Blair High School

H204 Nadia Finkel Bethesda-Chevy Chase High School

H306 Shreya Khanna Poolesville High School

H301 Katherine Brizzolara Walter Johnson High School

H710 Steven Zilko Wootton High School

H308	Thanushree Manjunath	Poolesville High School
H308	Nidhi Mathew	Poolesville High School
H520	Andrew Liu	Wootton High School
M202	George Carson	Parkland Middle School
H512	Peregrine Lowe	Sherwood High School
H219	Soham Sen	Northwest High School
M234	Siri Ranganath	Robert Frost Middle School
M331	Jeffrey Tran	Roberto Clemente Middle School
M110	Marie Clare Paxton	Holy Cross School
M115	Madeline Zalewski	Holy Cross School
M227	Nikki Ropeta	Parkland Middle School
M243	Shwetha Kunnam	Takoma Park Middle School
M338	C. Tyler Austin	Roberto Clemente Middle School