

The 57th Annual Montgomery County Science Fair

Presented by ScienceMONTGOMERY
Saturday, March 16, 2013

ISEF AWARDS in the Senior Division

Winners: Expense paid trip to compete in the INTEL International Science and Engineering Fair (ISEF) May 11-18, 2013 in Phoenix, AZ, and \$250 Award

| Category | Project | Name & School | Project Title |
|--|---------|--|---|
| Biology ISEF | H232 | Neil Davey, Montgomery Blair High School & Katie Barufka, Langley High School | Deletion of Endonuclease G Disrupts Mitochondrial Homeostasis and Leads to Reduced Virulence in the Human Protozoan Parasite Leishmania Mexicana |
| Computer Science ISEF | H410 | Anirudh Gubba, Poolesville High School | Implementation and Analysis of Shape from Shading Techniques and Enhanced Make3D Software for the Creation of Morphable 3D Facial and Terrain Models |
| Engineering ISEF | H520 | Joy Zeng, Poolesville High School | Targeted Thermal Ablation of Cancer Cells Using Biosurfactant Coated Carbon Nanotubes |
| Physics ISEF | H705 | Jinhie Skarda, Montgomery Blair High School | Analysis of Jovian Decametric Emission Using the Long Wavelength Array Station 1 |
| 1st Alternate: \$100 Cash and First Alternate for trip to ISEF | | | |
| Biology First Alternate | H207 | Elizabeth Liu, Montgomery Blair High School | Liver-specific Gs alpha Deficiency Leads to Cell Cycle Dysregulation and Hepatocellular Carcinoma |

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 | M118 | Katherine Wu | Takoma Park Middle School |
| 1st | M109 | Lucia Jiang | Takoma Park Middle School |
| 2nd | M110 | Divya John | Takoma Park Middle School |
| | | Carissa Wu | Takoma Park Middle School |
| 2nd | M114 | Brittany Menjivar | Holy Cross School |
| 3rd | M102 | Julia Chien | Takoma Park Middle School |
| 3rd | M111 | Noah Kim | Takoma Park Middle School |
| 3rd | M113 | Hermela Mengesha | Takoma Park Middle School |
| H | M103 | Julia Condron | Holy Cross School |
| H | M106 | Serena Debesai | Takoma Park Middle School |
| H | M115 | Eleanor Nuckolls | Holy Cross School |
| H | M116 | Irene Park | Takoma Park Middle School |
| H | M121 | Jessica Bhattacharyya | Roberto Clemente Middle School |

M200 - Biology

| Place | Project # | Full Name | School |
|--------------|------------------|--------------------------------|--|
| 1st | M214 | Sunil Tohan | Roberto Clemente Middle School |
| 1st | M257 | Allie Battista | Takoma Park Middle School |
| 1st | M271 | Parth Oza | Roberto Clemente Middle School |
| 1st | M226 | Amelia Cherian | Roberto Clemente Middle School |
| 1st | M233 | Fausto Zurita | Parkland Middle School |
| 1st | M239 | Divya Gandla | Roberto Clemente Middle School |
| 2nd | M255 | Anthony Estime Matteo Patzy | St. Andrew Apostle School St. Andrew Apostle School |
| 2nd | M260 | Alan Lin | Roberto Clemente Middle School |
| 2nd | M238 | Sarah Gao | Takoma Park Middle School |
| 2nd | M242 | Delia Chen | Roberto Clemente Middle School |
| 2nd | M218 | Shreya Khanna | Parkland Middle School |
| 2nd | M227 | Joon Bang | Roberto Clemente Middle School |
| 2nd | M270 | Joel Parks | Parkland Middle School |
| 2nd | M273 | Amogh Narendra | Roberto Clemente Middle School |
| 2nd | M203 | Peregrine Lowe | William H. Farquhar Middle School |
| 2nd | M205 | Nivedita Ravi | Parkland Middle School |
| 3rd | M249 | Leah Winkler | Charles E. Smith Jewish Day School |
| 3rd | M250 | Brennan Winer | Takoma Park Middle School |
| 3rd | M234 | Suzanne Kmetz | St. Andrew Apostle School |
| 3rd | M244 | Divya Katti | Roberto Clemente Middle School |
| 3rd | M224 | Stuti Ganatra Morgan Ross | Roberto Clemente Middle School Roberto Clemente Middle School |
| 3rd | M225 | Heather Fitzgerald | Parkland Middle School |
| 3rd | M263 | Gabriel Levine | Parkland Middle School |
| 3rd | M274 | Anwasha Moitra | Parkland Middle School |
| 3rd | M211 | Grace Wu | Roberto Clemente Middle School |
| 3rd | M212 | Philip Wang | Roberto Clemente Middle School |
| H | M237 | Morgan Hamel | Takoma Park Middle School |
| H | M247 | Niki Patel | Parkland Middle School |
| H | M217 | Sue Lee | Roberto Clemente Middle School |
| H | M216 | Thandiwe Tembo | Roberto Clemente Middle School |
| H | M220 | Anjali Kalra | Roberto Clemente Middle School |
| H | M221 | Luke Inman | Parkland Middle School |
| H | M223 | Anurudh Ganesan | Roberto Clemente Middle School |

M300 - Chemisty

| Place | Project # | Full Name | School |
|--------------|------------------|-------------------------------|--|
| 1st | M323 | Selena Bruce | Parkland Middle School |
| 1st | M343 | Shraeya Madhu | Roberto Clemente Middle School |
| 1st | M363 | Tianyi Wu | Roberto Clemente Middle School |
| 1st | M308 | Nailah Chowdhury | Parkland Middle School |
| 1st | M310 | Mehana Daftary | Eastern Middle School |
| 2nd | M360 | Stephen White | St. Andrew Apostle School |
| 2nd | M364 | Frederick Xu Kevin Merrell | Roberto Clemente Middle School Roberto Clemente Middle School |
| 2nd | M313 | Anusha Dixit | Roberto Clemente Middle School |
| 2nd | M317 | Esika Savsani | Roberto Clemente Middle School |
| 2nd | M325 | Mizpah Agyapong | Parkland Middle School |
| 2nd | M330 | Neil Justin Yalung | Parkland Middle School |
| 2nd | M345 | Thanushree Manjunath | Parkland Middle School |
| 2nd | M347 | Aurora McKenzie | Parkland Middle School |
| 3rd | M358 | Marian Vo | Parkland Middle School |
| 3rd | M365 | Simone Bucany | Holy Cross School |
| 3rd | M307 | Naomi Choti | Parkland Middle School |

| | | | |
|-----|------|-------------------|--------------------------------|
| 3rd | M314 | Jason Ejimogu | Parkland Middle School |
| 3rd | M327 | Addi Giffin | Roberto Clemente Middle School |
| 3rd | M328 | Liam Gil | Parkland Middle School |
| 3rd | M339 | Max Johnson | Parkland Middle School |
| 3rd | M344 | Peter Mnev | Roberto Clemente Middle School |
| H | M352 | Soham Sen | Roberto Clemente Middle School |
| | | Hameed Siddiqui | Roberto Clemente Middle School |
| H | M354 | Pranav Tandon | Takoma Park Middle School |
| | | Luxman Maheswaran | Takoma Park Middle School |
| H | M301 | Tife Aladesuru | Forcey Christian Middle School |
| H | M305 | Amy Borton | Takoma Park Middle School |
| H | M326 | Kevin Hu | Roberto Clemente Middle School |
| H | M337 | Katherine He | Roberto Clemente Middle School |
| H | M348 | Bryan Midlam | Roberto Clemente Middle School |

M400 - Computer Science & Math

| Place | Project # | Full Name | School |
|--------------|------------------|--------------------|--------------------------------|
| 1st | M415 | Peter Maldonado | Roberto Clemente Middle School |
| | | Rlley Wilburn | Roberto Clemente Middle School |
| 2nd | M407 | Naveen Durvasula | Takoma Park Middle School |
| 2nd | M418 | Devin Smedira | Roberto Clemente Middle School |
| 3rd | M416 | Elise Mitchell | Holy Cross School |
| 3rd | M411 | Alex Hu | Roberto Clemente Middle School |
| H | M404 | Thomas Wrona | Roberto Clemente Middle School |
| H | M405 | Thomas Del Vecchio | Roberto Clemente Middle School |
| H | M406 | Alan Wang | Roberto Clemente Middle School |
| H | M408 | David Edimo | Parkland Middle School |
| H | M412 | Mayur Kamireddy | Parkland Middle School |
| H | M414 | George Klees | Takoma Park Middle School |
| H | M417 | Ryan Choi | Roberto Clemente Middle School |
| H | M419 | Kevin Su | Roberto Clemente Middle School |

M500 - Engineering

| Place | Project # | Full Name | School |
|--------------|------------------|------------------|--------------------------------|
| 1st | M515 | David Mitchell | Holy Cross School |
| 1st | M528 | Tyla Holoman | Forcey Christian Middle School |
| 2nd | M512 | Ethan Chen | Robert Frost Middle School |
| 2nd | M509 | Logan Saar | Roberto Clemente Middle School |
| 2nd | M518 | Andrew Lent | Roberto Clemente Middle School |
| | | Karan Chawla | Roberto Clemente Middle School |
| 3rd | M503 | Valerie Lehmann | Shady Grove Middle School |
| 3rd | M508 | Yohanes Shiferaw | Parkland Middle School |
| 3rd | M522 | Nihar Gupte | Roberto Clemente Middle School |
| | | Henry Wang | Roberto Clemente Middle School |
| 3rd | M523 | Chris Park | Roberto Clemente Middle School |
| | | Ishan Mundra | Roberto Clemente Middle School |
| H | M504 | Edward Lee | Roberto Clemente Middle School |
| H | M505 | Kristina Znam | Takoma Park Middle School |
| H | M521 | Simon Liu | Roberto Clemente Middle School |
| | | Andy Li | Roberto Clemente Middle School |
| H | M525 | Jack Ahrens | Roberto Clemente Middle School |
| | | Kyle Fruth | Roberto Clemente Middle School |

M700 - Physics

| Place | Project # | Full Name | School |
|--------------|------------------|------------------|---------------|
|--------------|------------------|------------------|---------------|

| | | | |
|-----|------|-------------------------|------------------------------------|
| 1st | M701 | Lainey Reed | Roberto Clemente Middle School |
| 1st | M709 | Chris Rose | Parkland Middle School |
| 1st | M746 | Alexus Edwards | Parkland Middle School |
| 1st | M755 | Ashwin Kalidas | Roberto Clemente Middle School |
| 1st | M727 | Keren Herran | Forcey Christian Middle School |
| 1st | M730 | Lucas Melendez | Parkland Middle School |
| 2nd | M723 | Joshua Turbyfill | Parkland Middle School |
| 2nd | M732 | Quinn Hunter | Parkland Middle School |
| 2nd | M743 | Glenn Ren | Roberto Clemente Middle School |
| 2nd | M744 | Shriyash Upadhyay | Roberto Clemente Middle School |
| 2nd | M710 | Jose T. Da Silva Torres | Parkland Middle School |
| 2nd | M719 | Matthew Millstein | Forcey Christian Middle School |
| 3rd | M725 | Sreya Vangara | Roberto Clemente Middle School |
| 3rd | M729 | Victory Uzoma | Parkland Middle School |
| 3rd | M745 | Maggie Chen | Roberto Clemente Middle School |
| 3rd | M752 | Sapna Bagalkotkar | Roberto Clemente Middle School |
| 3rd | M706 | Karl Zhao | Roberto Clemente Middle School |
| | | Nicholas Hopwood | Roberto Clemente Middle School |
| 3rd | M713 | Sumin Goh | Takoma Park Middle School |
| H | M721 | Aideen Hwang | St. Catherine Laboure School |
| H | M728 | John Lathrop | Takoma Park Middle School |
| H | M731 | Henri Maindidze | Roberto Clemente Middle School |
| H | M733 | Meghan Audi | Parkland Middle School |
| H | M736 | Aliza Rabinovitz | Charles E. Smith Jewish Day School |
| H | M747 | Yusuf Siddiqui | Parkland Middle School |
| H | M748 | Christina Zhang | Roberto Clemente Middle School |
| | | Jessica Yin | Roberto Clemente Middle School |
| H | M702 | Jonathan Gonzalez | St. Catherine Laboure School |
| H | M703 | Shreya Singh | Roberto Clemente Middle School |
| | | Rachel Qian | Roberto Clemente Middle School |
| H | M705 | Ryan Heiser | Roberto Clemente Middle School |
| H | M720 | Sriya Srikanth | Roberto Clemente 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 | H103 | Samir Durvasula | Montgomery Blair High School |
| | | Junsheng Ma | Montgomery Blair High School |
| 2nd | H106 | Kisha Thakur | Thomas S. Wootton High School |
| 3rd | H104 | Yvonne-Crystal Monterrosa | Poolesville High School |
| H | H101 | Neha Wali | Thomas S. Wootton High School |

H200 - Biology

| Place | Project # | Full Name | School |
|-------|-----------|------------------|------------------------------|
| 1st | H223 | Michael Sousane | Sherwood High School |
| | | Haroula Tzamaras | Sherwood High School |
| 1st | H232 | Neil Davey | Montgomery Blair High School |

| | | | |
|-----|------|---------------------|--|
| | | Katie Barufka | Other School-See notes |
| 1st | H207 | Elizabeth Liu | Montgomery Blair High School |
| 1st | H213 | Guillermo Casay | Poolesville High School |
| 2nd | H218 | Diwakaran Ilangovan | Montgomery Blair High School |
| 2nd | H220 | Andrea Lo | Thomas S. Wootton High School |
| 2nd | H230 | Jodi Flanders | Thomas S. Wootton High School |
| 2nd | H208 | Daniel Liu | Winston Churchill High School |
| 3rd | H219 | Yousuf Asfari | Al-Huda High School |
| 3rd | H240 | Sanyukta Deshmukh | Thomas S. Wootton High School |
| 3rd | H210 | Kyle Starost | Col. Zadok Magruder High School |
| 3rd | H202 | Waliullah Rifai | Col. Zadok Magruder High School |
| H | H221 | Jeremy Rubin | Poolesville High School |
| | | Victor Kao | Poolesville High School |
| H | H226 | Abby Beeler | Poolesville High School |
| | | Emily Wang | Poolesville High School |
| | | Jeanyoung Kim | Poolesville High School |
| H | H233 | Tylar Clark | Stone Ridge School of the Sacred Heart |
| H | H235 | Kushi Ranganath | Thomas S. Wootton High School |
| H | H201 | Dhruv Shankar | Poolesville High School |
| H | H209 | Anamika Tandon | Winston Churchill High School |
| H | H211 | Daniela Ganelin | Montgomery Blair High School |
| H | H212 | Adarsh ETTYREDDY | Montgomery Blair High School |

H300 - Chemistry

| Place | Project # | Full Name | School |
|-------|-----------|----------------|-------------------------------|
| 1st | H307 | Lousanna Cai | Thomas S. Wootton High School |
| 2nd | H301 | Elena Polozova | Montgomery Blair High School |
| 3rd | H309 | Sarah Asfari | Al-Huda High School |

H400 - Computer Science & Math

| Place | Project # | Full Name | School |
|-------|-----------|-----------------|--------------------------------|
| 1st | H410 | Anirudh Gubba | Poolesville High School |
| 2nd | H407 | Diwakar Ganesan | Poolesville High School |
| 2nd | H412 | Jonathan Ni | Poolesville High School |
| 3rd | H419 | Jon Xia | Richard Montgomery High School |
| 3rd | H405 | Julia Di | Richard Montgomery High School |

H500 - Engineering

| Place | Project # | Full Name | School |
|-------|-----------|---------------------|----------------------------------|
| 1st | H520 | Joy Zeng | Poolesville High School |
| 1st | H504 | Rolane Qian | Poolesville High School |
| | | Christopher Look | Poolesville High School |
| | | Alexander Ives | Poolesville High School |
| 2nd | H502 | Aaron Renberg | Winston Churchill High School |
| 2nd | H503 | Andrew Wang | Poolesville High School |
| | | Brandon Grinkemeyer | Poolesville High School |
| | | Elan Guzman | Poolesville High School |
| 2nd | H518 | Max Niebylski | Bethesda-Chevy Chase High School |
| 2nd | H516 | Grace Cheung | Richard Montgomery High School |
| 3rd | H509 | André Guzmán | Poolesville High School |
| 3rd | H510 | Jackson Douglas | Seneca Valley High School |
| 3rd | H517 | Reethika Maddineni | Sherwood High School |
| | | Amy Hockman | Sherwood High School |
| | | Molly Hierholzer | Sherwood High School |

H H507 Lucian Hodor Thomas S. Wootton High School

H600 - Math

| Place | Project # | Full Name | School |
|-------|-----------|-------------------|------------------------------|
| 1st | H607 | Samuel Zbarsky | Montgomery Blair High School |
| 2nd | H603 | Arvind Kannan | Montgomery Blair High School |
| 3rd | H605 | Charles Pasternak | Montgomery Blair High School |

H700 - Physics

| Place | Project # | Full Name | School |
|-------|-----------|----------------------|--------------------------------|
| 1st | H725 | Andrew Sebastian | Richard Montgomery High School |
| 1st | H705 | Jinhie Skarda | Montgomery Blair High School |
| 2nd | H701 | Sriramya Ayyagari | Poolesville High School |
| 2nd | H721 | Toria Yan | Thomas S. Wootton High School |
| 3rd | H707 | Nitesh Sridhar | Thomas S. Wootton High School |
| 3rd | H711 | Jacob Glueck | Thomas S. Wootton High School |
| 3rd | H724 | Anish Prasanna | Poolesville High School |
| | | Ryan Lentz | Poolesville High School |
| | | Paul Wrona | Poolesville High School |
| 3rd | H717 | Katherine Brizzolara | Walter Johnson High School |
| H | H702 | Zachary Watson | Walt Whitman High School |
| H | H712 | Trishul Nagenalli | Poolesville High School |
| H | H714 | Lee Dodds | Poolesville High School |
| H | H720 | Matthew Yung | Thomas S. Wootton High School |

Community Awards

Presented by Community Organizations in Support of Young Scientists and Engineers

Aerospace Corporation

For Excellence in Research

Senior: Honorable Mention: Invitation to compete at The Aerospace Corporation Herndon Science Competition April 11, 2013 (PSO)

| | | |
|------|----------------------|----------------------------|
| H407 | Diwakar Ganesan | Poolesville High School |
| H718 | Annie Bao | Poolesville High School |
| H718 | Sylvana Aho | Poolesville High School |
| H524 | Mohamed Keita | Gaithersburg High School |
| H717 | Katherine Brizzolara | Walter Johnson High School |
| H510 | Jackson Douglas | Seneca Valley High School |

Senior: 1st Place: \$600 cash award + invitation to compete at The Aerospace Corporation Herndon Science Competition April 11, 2013

| | | |
|------|---------------|-------------------------|
| H410 | Anirudh Gubba | Poolesville High School |
|------|---------------|-------------------------|

Junior: Honorable Mention: Invitation to compete at The Aerospace Corporation Herndon Science Competition April 11, 2013 (PSO)

| | | |
|------|--------------|--------------------------------|
| M528 | Tyla Holoman | Forcey Christian Middle School |
| M745 | Maggie Chen | Roberto Clemente Middle School |

Junior: 1st Place: \$600 cash award + invitation to compete at The Aerospace Corporation Herndon Science Competition April 11, 2013

M713

Sumin Goh

Takoma Park Middle School

**American Industrial Hygiene Association
(AIHA) Potomac Section**

**For Achievements in Projects
Demonstrating Excellent
Industrial Hygiene Practice or
Technology**

Senior: 3rd Place: Certificate and \$100

H516 Grace Cheung Richard Montgomery High School

Senior: 2nd Place: Certificate and \$200

H204 Serban Negoita Thomas S. Wootton High School

H204 Daniel Yarmovsky Wootton High School

Senior: 1st Place: Certificate and \$300

H518 Max Niebylski Bethesda-Chevy Chase High School

**Association of Practicing Psychologists of
Montgomery and Prince George's Counties**

**For Outstanding Research Efforts in
Behavioral and Social Science**

Senior: 1st Place: Certificate and \$50 cash award

H103 Samir Durvasula Montgomery Blair High School

H103 Junsheng Ma Montgomery Blair High School

Senior: 2nd Place: Certificate and \$40 cash award

H106 Kisha Thakur Thomas S. Wootton High School

Senior: 3rd Place: Certificate and \$25 cash award

H104 Yvonne-Crystal Monterrosa Poolesville High School

Junior: 1st Place: Certificate and \$50 cash award

M109 Lucia Jiang Takoma Park Middle School

Junior: 2nd Place: Certificate and \$40 cash award

M110 Divya John Takoma Park Middle School

Junior: 3rd Place: Certificate and \$25 cash award

M111 Noah Kim Takoma Park Middle School

**American Institute of Aeronautics &
Astronautics (AIAA)**

In Aerospace Excellence

Honorable Mention: Certificate

H725 Andrew Sebastian Richard Montgomery High School

M703 Shreya Singh Roberto Clemente Middle School

M703 Rachel Qian Roberto Clemente Middle School

3rd Place: \$75 + Invitation to AIAA-NCS Awards Banquet

H525 Steven Guo Poolesville High School

H525 Kenneth Jiang Poolesville High School

2nd Place: \$100 + Invitation to AIAA-NCS Awards Banquet

H502 Aaron Renberg Winston Churchill High School

1st Place – Space Camp Scholarship + Invitation to AIAA-NCS

M709 Chris Rose Parkland Middle 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

M728 John Lathrop Takoma Park Middle School

Senior Certificate, and Banquet Invitation and Opportunity to Compete for Further Awards

H505 Howard Nicholson Poolesville High School

American Nuclear Society; Washington, DC Section

For Outstanding Achievement in Projects in Nuclear Physics and Technology

Certificate of Achievement

H518 Max Niebylski Bethesda-Chevy Chase High School

M407 Naveen Durvasula Takoma Park Middle School

M317 Esika Savsani Roberto Clemente Middle School

M110 Divya John Takoma Park Middle School

M110 Carissa Wu Takoma Park Middle School

Senior: 2nd Place Certificate and \$50

H717 Katherine Brizzolara Walter Johnson High School

Senior: 1st Place Certificate and \$100;

H701 Sriramy Ayyagari Poolesville High School

American Psychological Association

Recognizing Outstanding Research Projects in Psychological Science

Junior Division Certificate

M115 Eleanor Nuckolls Holy Cross School

Senior Division Certificate

H102 Kara Huie Thomas S. Wootton High School

American Society of Mechanical Engineers

For First, Second and Third Place in Engineering

Senior: 3rd Place: Certificate and \$50

H218 Diwakaran Ilangovan Montgomery Blair High School

Senior: 2nd Place: Certificate and Invitation to dinner - student and parents (\$75 check awarded there)

H525 Steven Guo Poolesville High School

H525 Kenneth Jiang Poolesville High School

Senior: 1st Place: Certificate and Invitation to dinner - student and parents (\$100 check awarded there)

M509 Logan Saar Roberto Clemente Middle School

The ASM Materials Education Foundation-- DC Chapter

Recognizing Excellence in Materials Related Science

Junior

M248 Kevin Zong Roberto Clemente Middle School

Senior Division: 1st Place Certificate of Recognition + Invitation to Chapter's event?

H301 Elena Polozova Montgomery Blair 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

M345 Thanushree Manjunath Parkland Middle School

Senior Division Certificate of ExcellenceH301 Elena Polozova Montgomery Blair High School

Biophysical Society**For a senior project demonstrating excellence in biophysics**

Senior: Certificate and \$100 Cash AwardH230 Jodi Flanders Thomas S. Wootton High School

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

Nomination to compete in Broadcom MASTERS national competition

| | | |
|------|------------------|--------------------------------|
| M118 | Katherine Wu | Takoma Park Middle School |
| M214 | Sunil Tohan | Roberto Clemente Middle School |
| M323 | Selena Bruce | Parkland Middle School |
| M343 | Shraeya Madhu | Roberto Clemente Middle School |
| M701 | Lainey Reed | Roberto Clemente Middle School |
| M709 | Chris Rose | Parkland Middle School |
| M363 | Tianyi Wu | Roberto Clemente Middle School |
| M308 | Nailah Chowdhury | Parkland Middle School |
| M310 | Mehana Daftary | Eastern Middle School |
| M257 | Allie Battista | Takoma Park Middle School |
| M746 | Alexus Edwards | Parkland Middle School |
| M755 | Ashwin Kalidas | Roberto Clemente Middle School |
| M515 | David Mitchell | Holy Cross School |
| M528 | Tyla Holoman | Forcey Christian Middle School |
| M727 | Keren Herran | Forcey Christian Middle School |
| M730 | Lucas Melendez | Parkland Middle School |
| M415 | Peter Maldonado | Roberto Clemente Middle School |
| M415 | Riley Wilburn | Roberto Clemente Middle School |
| M271 | Parth Oza | Roberto Clemente Middle School |
| M226 | Amelia Cherian | Roberto Clemente Middle School |
| M233 | Fausto Zurita | Parkland Middle School |
| M109 | Lucia Jiang | Takoma Park Middle School |
| M239 | Divya Gandla | 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

| | | |
|------|---------------------|------------------------------|
| H503 | Andrew Wang | Poolesville High School |
| H503 | Brandon Grinkemeyer | Poolesville High School |
| H503 | Elan Guzman | Poolesville High School |
| H603 | Arvind Kannan | Montgomery Blair High School |
| H409 | Evan Kahn | Montgomery Blair High School |
| H103 | Samir Durvasula | Montgomery Blair High School |
| H103 | Junsheng Ma | Montgomery Blair High School |

| | | |
|------|-------------------|--------------------------------|
| H304 | Grace Jiau | Poolesville High School |
| H304 | Cherry Zou | Poolesville High School |
| H512 | Anthony Caputo | Poolesville High School |
| H725 | Andrew Sebastian | Richard Montgomery High School |
| H226 | Abby Beeler | Poolesville High School |
| H226 | Emily Wang | Poolesville High School |
| H226 | Jeanyoung Kim | Poolesville High School |
| H709 | Suriya Kandaswamy | Poolesville High School |

Clean Air Partners
**For Best Project Addressing Air
Pollution or Climate Change**

Senior: \$50 Award

| | | |
|------|-----------------------|------------------------------|
| H515 | Shubham Chattopadhyay | Montgomery Blair High School |
|------|-----------------------|------------------------------|

Junior: \$50 Award

| | | |
|------|---------------|---------------------------|
| M250 | Brennan Winer | Takoma Park Middle School |
|------|---------------|---------------------------|

Federal Water Quality Association

Senior: 3rd Place: Certificate, ribbon, T-shirt

| | | |
|------|---------------|------------------------------|
| H306 | Samantha Cody | Montgomery Blair High School |
|------|---------------|------------------------------|

Senior: 2nd Place: Certificate, ribbon, T-shirt

| | | |
|------|-------------|-------------------------|
| H519 | Angela Zhou | Poolesville High School |
|------|-------------|-------------------------|

| | | |
|------|-----------|-------------------------|
| H519 | Amber Liu | Poolesville High School |
|------|-----------|-------------------------|

**Senior: 1st Place: Certificate, ribbon, T-shirt, \$100 check and
invitation to our spring awards luncheon**

| | | |
|------|-----------------|----------------------|
| H227 | Madelyn Golding | Sherwood High School |
|------|-----------------|----------------------|

| | | |
|------|--------------|----------------------|
| H227 | Bianca Ruspi | Sherwood High School |
|------|--------------|----------------------|

Junior: 4th Place: Certificate, ribbon, T-shirt

| | | |
|------|-----------|--------------------------------|
| M352 | Soham Sen | Roberto Clemente Middle School |
|------|-----------|--------------------------------|

| | | |
|------|-----------------|--------------------------------|
| M352 | Hameed Siddiqui | Roberto Clemente Middle School |
|------|-----------------|--------------------------------|

Junior: 3rd Place: Certificate, ribbon, T-shirt,

| | | |
|------|---------------|--------------------------------|
| M343 | Shraeya Madhu | Roberto Clemente Middle School |
|------|---------------|--------------------------------|

Junior: 2nd Place: Certificate, ribbon, T-shirt

| | | |
|------|------------|---------------------------|
| M305 | Amy Borton | Takoma Park Middle School |
|------|------------|---------------------------|

**Junior: 1st Place: Certificate, ribbon, T-shirt, \$100 check and
invitation to our spring awards luncheon**

| | | |
|------|-------------|--------------------------------|
| M214 | Sunil Tohan | Roberto Clemente Middle School |
|------|-------------|--------------------------------|

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

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

| | | |
|------|--------------|------------------------|
| M275 | Nidhi Mathew | Parkland Middle School |
|------|--------------|------------------------|

| | | |
|------|-------------|------------------------|
| M241 | Joyce Chung | Parkland Middle School |
|------|-------------|------------------------|

| | | |
|------|--------------|--------------------------------|
| M364 | Frederick Xu | Roberto Clemente Middle School |
|------|--------------|--------------------------------|

| | | |
|------|---------------|--------------------------------|
| M364 | Kevin Merrell | Roberto Clemente Middle School |
|------|---------------|--------------------------------|

| | | |
|------|-----------|---------------------------|
| M238 | Sarah Gao | Takoma Park Middle School |
|------|-----------|---------------------------|

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

| | | |
|------|-------------|--------------------------------|
| M212 | Philip Wang | Roberto Clemente Middle School |
|------|-------------|--------------------------------|

| | | |
|------|---------------|------------------------|
| M233 | Fausto Zurita | Parkland Middle School |
|------|---------------|------------------------|

| | | |
|------|-----------------|---------------------------|
| M267 | Daniel Schaffer | Takoma Park Middle School |
|------|-----------------|---------------------------|

| | | |
|--|-------------------|-----------------------------------|
| M267 | Avik Barua | Takoma Park Middle School |
| M268 | Vaishnavi Sesetty | Roberto Clemente Middle School |
| Junior: 1st Place: Certificate of Merit and \$30 gift certificate | | |
| M203 | Peregrine Lowe | William H. Farquhar Middle School |
| M305 | Amy Borton | Takoma Park Middle School |
| M118 | Katherine Wu | Takoma Park Middle School |
| M266 | Nikita Singh | Takoma Park Middle School |

GENIUS OLYMPIAD
**For Two Senior Projects focusing on
Environmental Issues**

Nomination to compete in the SUNY Oswego GENIUS OLYMPIAD

| | | |
|------|-----------------------|------------------------------|
| H515 | Shubham Chattopadhyay | Montgomery Blair High School |
| H517 | Reethika Maddineni | Sherwood High School |
| H517 | Amy Hockman | Sherwood High School |
| H517 | Molly Hierholzer | Sherwood High School |

Geological Society of Washington
For Excellence in Earth Science

Senior: Third Place: Certificate and Ribbon

| | | |
|------|----------|--------------------------------|
| H405 | Julia Di | Richard Montgomery High School |
|------|----------|--------------------------------|

Senior: Second Place: Certificate and Ribbon

| | | |
|------|---------------|------------------------------|
| H306 | Samantha Cody | Montgomery Blair High School |
|------|---------------|------------------------------|

**Senior: First Place: Certificate, Ribbon and invitation to present
project at a GSW Meeting**

| | | |
|------|----------------|------------------------------|
| H301 | Elena Polozova | Montgomery Blair High School |
|------|----------------|------------------------------|

Junior: Third Place: Certificate and Ribbon

| | | |
|------|-------------|------------------------|
| M307 | Naomi Choti | Parkland Middle School |
|------|-------------|------------------------|

Junior: Second Place: Certificate and Ribbon

| | | |
|------|----------------------|------------------------|
| M345 | Thanushree Manjunath | Parkland Middle School |
|------|----------------------|------------------------|

Junior: First Place: Certificate, Ribbon, and Letter of Invitation

| | | |
|------|-----------------|--------------------------------|
| M415 | Peter Maldonado | Roberto Clemente Middle School |
| M415 | Riley Wilburn | Roberto Clemente Middle School |

Graduate Women in Science
For Recognition of Excellence

Certificates for Recognition of Excellence

| | | |
|------|-----------------|-------------------------------|
| M275 | Nidhi Mathew | Parkland Middle School |
| H220 | Andrea Lo | Thomas S. Wootton High School |
| H226 | Abby Beeler | Poolesville High School |
| H226 | Emily Wang | Poolesville High School |
| H226 | Jeanyoung Kim | Poolesville High School |
| H207 | Elizabeth Liu | Montgomery Blair High School |
| H209 | Anamika Tandon | Winston Churchill High School |
| H211 | Daniela Ganelin | Montgomery Blair High School |
| H214 | Aanchal Johri | Montgomery Blair High School |
| H217 | Ying Ngo | Poolesville 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

| | | |
|------|--------------|-------------------------------|
| H507 | Lucian Hodor | Thomas S. Wootton High School |
|------|--------------|-------------------------------|

2nd Place: Certificate of Merit and \$200

| | | |
|------|----------------|-------------------------|
| H512 | Anthony Caputo | Poolesville High School |
|------|----------------|-------------------------|

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

| | | |
|------|---------------------|-------------------------|
| H503 | Andrew Wang | Poolesville High School |
| H503 | Brandon Grinkemeyer | Poolesville High School |
| H503 | Elan Guzman | Poolesville High School |

Intel Excellence in Computer Science Award**Excellence in Computer Science in Senior Division****2 Awards in the Senior Division: Certificate of Achievement and \$200**

| | | |
|------|---------------|-------------------------|
| H410 | Anirudh Gubba | Poolesville High School |
| H412 | Jonathan Ni | Poolesville High School |

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

| | | |
|------|-------------|-------------------------|
| H519 | Angela Zhou | Poolesville High School |
| H519 | Amber Liu | Poolesville High School |

Lockheed Martin**Excellence in Engineering, Computer Science and Mathematics****Senior: Certificate, Keepsake Award, and Notepad**

| | | |
|------|---------------------------|----------------------------------|
| H104 | Yvonne-Crystal Monterrosa | Poolesville High School |
| H419 | Jon Xia | Richard Montgomery High School |
| H605 | Charles Pasternak | Montgomery Blair High School |
| H405 | Julia Di | Richard Montgomery High School |
| H518 | Max Niebylski | Bethesda-Chevy Chase High School |
| H520 | Joy Zeng | Poolesville High School |

MdBiolab**For Outstanding Research in Biotechnology****Senior:**

| | | |
|------|----------|-------------------------|
| H520 | Joy Zeng | Poolesville High School |
|------|----------|-------------------------|

MdBiolab**For Excellence in Scientific Presentation & Communication****Senior:**

| | | |
|------|----------|-------------------------|
| H217 | Ying Ngo | Poolesville High School |
|------|----------|-------------------------|

**For 11th Grade Projects Demonstrating
Excellence in Life or Physical Science,
Engineering, Mathematics, or Computer
Science**

Honorable Mention: Certificate of Excellence

| | | |
|------|------------------|--------------------------------|
| H307 | Lousanna Cai | Thomas S. Wootton High School |
| H232 | Neil Davey | Montgomery Blair High School |
| H232 | Katie Barufka | Other School-See notes |
| H725 | Andrew Sebastian | Richard Montgomery High School |

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

| | | |
|------|----------|--------------------------------|
| H405 | Julia Di | Richard Montgomery High School |
|------|----------|--------------------------------|

MRIGlobal

**For Outstanding Achievement in Life
Sciences**

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

| | | |
|------|-------------------|--------------------------------|
| M268 | Vaishnavi Sesetty | Roberto Clemente Middle School |
|------|-------------------|--------------------------------|

Senior: A stipend of \$100, and a Certificate

| | | |
|------|------------------|-------------------------------|
| H206 | Alice-Yanhong Lu | Thomas S. Wootton High School |
|------|------------------|-------------------------------|

MedImmune Advancing Science for Better Health Award

Senior: 1st Place: \$100 and Certificate

| | | |
|------|-----------|-------------------------------|
| H220 | Andrea Lo | Thomas S. Wootton High School |
|------|-----------|-------------------------------|

Mu Alpha Theta

**For project demonstrating the most
challenging, original, thorough, and
creative investigation of a problem
involving mathematics accessible to a
high school student**

Certificate of Achievement in the Senior division

| | | |
|------|---------------|-------------------------|
| H410 | Anirudh Gubba | Poolesville High School |
|------|---------------|-------------------------|

National Capital Astronomers

**For Projects Demonstrating Excellence
in Astronomy**

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

Senior:

| | | |
|------|-------------------------|------------------------------|
| H704 | Foteine Dimitracopoulos | Poolesville High School |
| H705 | Jinhie Skarda | Montgomery Blair High School |

Junior:

| | | |
|------|-----------------|--------------------------------|
| M415 | Peter Maldonado | Roberto Clemente Middle School |
| M415 | Riley Wilburn | Roberto Clemente Middle School |
| M728 | John Lathrop | Takoma Park Middle School |

National Oceanic and Atmospheric Administration (NOAA)

For research that emphasizes NOAA's Science, Service, and Stewardship Mission:

To understand and predict changes in climate, weather, oceans, and coasts.

Senior Division: Certificate, Letter of congratulations, & medallion

H515 Shubham Chattopadhyay Montgomery Blair High School

Junior Division: Certificate, Letter of congratulations, & medallion

M257 Allie Battista Takoma Park Middle School

National Society of Professional Engineers For Excellence in engineering

First Place: Certificate of Honor and Lapel Pin

H509 André Guzmán Poolesville High School

Second Place: Certificate of Honor

H504 Rolane Qian Poolesville High School

H504 Christopher Look Poolesville High School

H504 Alexander Ives Poolesville High School

Office of Naval Research

For Achievement in Science or Technology

Six Junior Division prizes: Certificate and Medallion

M234 Suzanne Kmetz St. Andrew Apostle School

M237 Morgan Hamel Takoma Park Middle School

M257 Allie Battista Takoma Park Middle School

M517 Michael Lin Parkland Middle School

M745 Maggie Chen Roberto Clemente Middle School

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

H516 Grace Cheung Richard Montgomery High School

H518 Max Niebylski Bethesda-Chevy Chase High School

H702 Zachary Watson Walt Whitman High School

Optical Society of America, National Capital Section/IEEE Phototonics

For Achievement in Optics and Photonics

Junior Division: Certificate

M725 Sreya Vangara Roberto Clemente Middle School

M728 John Lathrop Takoma Park Middle School

M732 Quinn Hunter Parkland Middle School

Senior Division: Certificate

H412 Jonathan Ni Poolesville High School

H604 Gayane Matevosyan Poolesville High School

H709 Suriya Kandaswamy Poolesville 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 Division: Certificate

M312 Catherine Dang Roberto Clemente Middle School

Senior Division: Certificate

Rockville Science Center**For Middle School Projects
Demonstrating Excellence in the
Communication of Science****Honorable Mention in Computer Science: Certificate**

| | | |
|------|----------|--------------------------------|
| M419 | Kevin Su | Roberto Clemente Middle School |
| M411 | Alex Hu | Roberto Clemente Middle School |

Third Place in Computer Science: Certificate

| | | |
|------|---------------|--------------------------------|
| M408 | David Edimo | Parkland Middle School |
| M418 | Devin Smedira | Roberto Clemente Middle School |

Second Place in Computer Science: Certificate

| | | |
|------|-----------------|--------------------------------|
| M415 | Peter Maldonado | Roberto Clemente Middle School |
|------|-----------------|--------------------------------|

First Place in Computer Science: Certificate

| | | |
|------|--------------|---------------------------|
| M414 | George Klees | Takoma Park Middle School |
|------|--------------|---------------------------|

Honorable Mention in Engineering: Certificate

| | | |
|------|-------------|------------------------|
| M517 | Michael Lin | Parkland Middle School |
|------|-------------|------------------------|

Third Place in Engineering: Certificate

| | | |
|------|-------------|--------------------------------|
| M522 | Nihar Gupte | Roberto Clemente Middle School |
| M522 | Henry Wang | Roberto Clemente Middle School |

Second Place in Engineering: Certificate

| | | |
|------|---------------|---------------------------|
| M505 | Kristina Znam | Takoma Park Middle School |
|------|---------------|---------------------------|

First Place in Engineering: Certificate

| | | |
|------|------------|----------------------------|
| M512 | Ethan Chen | Robert Frost Middle School |
|------|------------|----------------------------|

Honorable Mention in Behavior: Certificate

| | | |
|------|-------------------|-------------------|
| M114 | Brittany Menjivar | Holy Cross School |
|------|-------------------|-------------------|

Third Place in Behavior: Certificate

| | | |
|------|--------------|---------------------------|
| M118 | Katherine Wu | Takoma Park Middle School |
|------|--------------|---------------------------|

Second Place in Behavior: Certificate

| | | |
|------|------------------|-------------------|
| M115 | Eleanor Nuckolls | Holy Cross School |
|------|------------------|-------------------|

First Place in Behavior: Certificate

| | | |
|------|-------------|---------------------------|
| M109 | Lucia Jiang | Takoma Park Middle School |
|------|-------------|---------------------------|

Honorable Mention in Biology: Certificate

| | | |
|------|---------------|--------------------------------|
| M205 | Nivedita Ravi | Parkland Middle School |
| M250 | Brennan Winer | Takoma Park Middle School |
| M270 | Joel Parks | Parkland Middle School |
| M271 | Parth Oza | Roberto Clemente Middle School |

Third Place in Biology: Certificate

| | | |
|------|-----------------|--------------------------------|
| M226 | Amelia Cherian | Roberto Clemente Middle School |
| M267 | Daniel Schaffer | Takoma Park Middle School |
| M267 | Avik Barua | Takoma Park Middle School |

Second Place in Biology: Certificate

| | | |
|------|-----------|--------------------------------|
| M260 | Alan Lin | Roberto Clemente Middle School |
| M238 | Sarah Gao | Takoma Park Middle School |

First Place in Biology: Certificate

| | | |
|------|----------------|-----------------------------------|
| M203 | Peregrine Lowe | William H. Farquhar Middle School |
| M242 | Delia Chen | Roberto Clemente Middle School |

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

Sigma Xi, FDA Chapter**Excellence in Scientific Research****Senior: Honorable Mention: \$50 + certificate**

H208 Daniel Liu Winston Churchill High School

Senior: 2nd place: \$100 + certificate

H207 Elizabeth Liu Montgomery Blair High School

Senior: 1st place: \$150 + certificate

H217 Ying Ngo Poolesville High School

**Society of Manufacturing Engineers--
Chapter 48****For Excellence in Research Advancing
Manufacturing Knowledge****Junior Division:****3rd Place: \$25 check, book, and certificate**

M506 James Waychoff Parkland Middle School

2nd Place: \$50 check, book, and certificate

M501 Patrick Kawahara St. Catherine Laboure School

M501 Carlo Mohamad St. Catherine Laboure School

M501 Grant Costello St. Catherine Laboure School

1st Place: \$100 check, book, and certificate

M515 David Mitchell Holy Cross School

Senior Division:**3rd place \$ 25 check, book and certificate**

H509 André Guzmán Poolesville High School

2nd place \$ 50 check, book and certificate

H504 Rolane Qian Poolesville High School

H504 Christopher Look Poolesville High School

H504 Alexander Ives Poolesville High School

1st place \$ 100 check, book and certificate

H514 Yeonsuk Kim The Heights School

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**

H232 Neil Davey Montgomery Blair High School

H232 Katie Barufka Other School-See notes

H208 Daniel Liu Winston Churchill High School

Stockholm Junior Water Prize**For Excellence in Water Research****6 Projects in Senior Division: Certificate + Nominations to SJWP
state competitions**

H227 Madelyn Golding Sherwood High School

H227 Bianca Ruspi Sherwood High School

H519 Angela Zhou Poolesville High School

H519 Amber Liu Poolesville High School

H306 Samantha Cody Montgomery Blair High School

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

Junior Division: 6 Awards: Certificate

| | | |
|------|--------------------|--------------------------------|
| M528 | Tyla Holoman | Forcey Christian Middle School |
| M745 | Maggie Chen | Roberto Clemente Middle School |
| M730 | Lucas Melendez | Parkland Middle School |
| M748 | Christina Zhang | Roberto Clemente Middle School |
| M748 | Jessica Yin | Roberto Clemente Middle School |
| M225 | Heather Fitzgerald | Parkland Middle School |
| M234 | Suzanne Kmetz | St. Andrew Apostle School |

Senior Division:**4 Awards: A Laptop backpack, Personal lunch bag, 3-in-1 Calculator/Picture Frame/LCD Digital clock and Helicopter pen**

| | | |
|------|------------------|-------------------------------|
| H501 | Dale Martin | Thomas S. Wootton High School |
| H504 | Rolane Qian | Poolesville High School |
| H504 | Christopher Look | Poolesville High School |
| H504 | Alexander Ives | Poolesville High School |
| H509 | André Guzmán | Poolesville High School |
| H520 | Joy Zeng | Poolesville High School |

U.S. Army - Research Office**For Scientific Excellence in the Senior Division**

Best in Fair

| | | |
|------|---------------|-------------------------|
| H410 | Anirudh Gubba | Poolesville High School |
|------|---------------|-------------------------|

Honorable Mention: Certificate

| | | |
|------|---------------|-------------------------------|
| H101 | Neha Wali | Thomas S. Wootton High School |
| H705 | Jinhie Skarda | Montgomery Blair High School |
| H525 | Steven Guo | Poolesville High School |
| H525 | Kenneth Jiang | Poolesville High School |
| H302 | Tony Liang | Montgomery Blair High School |
| H603 | Arvind Kannan | Montgomery Blair High School |

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

1 Award Junior Division: Certificate

| | | |
|------|----------------------|---------------------------|
| M331 | Ricky (Seunghun) Yoo | Takoma Park Middle School |
| M331 | Daniel Zhu | Takoma Park Middle School |

1 Award Senior Division: Certificate

| | | |
|------|--------------|-------------------------------|
| H720 | Matthew Yung | Thomas S. Wootton High School |
|------|--------------|-------------------------------|

U.S. Nuclear Regulatory Commission**For Outstanding Projects in Nuclear Science or Engineering**

Juniors**3rd Place Certificate of Recognition**

| | | |
|------|------------|--------------------------------|
| M248 | Kevin Zong | Roberto Clemente Middle School |
|------|------------|--------------------------------|

2nd Place Certificate of Recognition

| | | |
|------|---------------|--------------------------------|
| M343 | Shraeya Madhu | Roberto Clemente Middle School |
|------|---------------|--------------------------------|

1st Place Certificate of Recognition

| | | |
|------|------------|--------------------------------|
| M509 | Logan Saar | Roberto Clemente Middle School |
|------|------------|--------------------------------|

Seniors:

3rd Place Certificate of Recognition

| | | |
|------|---------------|----------------------------------|
| H518 | Max Niebylski | Bethesda-Chevy Chase High School |
|------|---------------|----------------------------------|

2nd Place Certificate of Recognition

| | | |
|------|---------------|------------------------------|
| H306 | Samantha Cody | Montgomery Blair High School |
|------|---------------|------------------------------|

1st Place Certificate of Recognition

| | | |
|------|----------------|------------------------------|
| H301 | Elena Polozova | Montgomery Blair High School |
|------|----------------|------------------------------|

U.S. Public Health Service - US Surgeon General's Award**For Outstanding Project in Health Prevention****Senior: Certificate of Appreciation**

| | | |
|------|-----------------------|-------------------------------|
| H235 | Kushi Ranganath | Thomas S. Wootton High School |
| H515 | Shubham Chattopadhyay | Montgomery Blair High School |

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

| | | |
|------|----------------------|-------------------------------|
| H524 | Mohamed Keita | Gaithersburg High School |
| H240 | Sanyukta Deshmukh | Thomas S. Wootton High School |
| H309 | Sarah Asfari | Al-Huda High School |
| H701 | Sriramya Ayyagari | Poolesville High School |
| H207 | Elizabeth Liu | Montgomery Blair High School |
| H208 | Daniel Liu | Winston Churchill High School |
| H236 | Ryan Ghosh | Thomas S. Wootton High School |
| H305 | Lawrence Harari | Thomas S. Wootton High School |
| H224 | Radhika Tyagi | Thomas S. Wootton High School |
| H303 | Meera Krishnamoorthy | Poolesville High School |
| H303 | Navya Nanda | Poolesville High School |
| H605 | Charles Pasternak | Montgomery Blair High School |
| H220 | Andrea Lo | Thomas S. Wootton High School |
| H234 | Aradhana Vyas | Poolesville High School |
| H234 | Anantha Sriya Reddy | Poolesville High School |

3rd Place Distinguishing Achievement

| | | |
|------|-------------------|-------------------------------|
| H222 | Alan Severinovsky | Thomas S. Wootton High School |
| H520 | Joy Zeng | Poolesville High School |

2nd Place Distinguishing Achievement

| | | |
|------|-----------------|---------------------------------|
| H101 | Neha Wali | Thomas S. Wootton High School |
| H202 | Waliullah Rifai | Col. Zadok Magruder High School |

1st Place Distinguishing Achievement

| | | |
|------|---------------|------------------------------|
| H232 | Neil Davey | Montgomery Blair High School |
| H232 | Katie Barufka | Other School-See notes |

Washington Statistical Society**For Excellence in the Investigation or Use of Statistical Methods****Honorable Mention: Certificate of Excellence and Mouse**

| | | |
|------|--------------|-------------------------------|
| M118 | Katherine Wu | Takoma Park Middle School |
| H720 | Matthew Yung | Thomas S. Wootton High School |
| H721 | Toria Yan | Thomas S. Wootton High School |

3rd Place: Certificate of Achievement and Book award

| | | |
|------|--------------|-------------------------------|
| M111 | Noah Kim | Takoma Park Middle School |
| H106 | Kisha Thakur | Thomas S. Wootton High School |

2nd Place: Certificate of Achievement, Software, and Book award

M109 Lucia Jiang

Takoma Park Middle School

1st Place: Certificate of Achievement, \$100 check, and subscription to Chance magazine

H601 Pushkar Aggarwal

Poolesville High School

Winston Churchill High School Young Women in Biology

For middle school girl showing excellence and innovation in the sciences

First Place: Certificate and \$50

M503 Valerie Lehmann

Shady Grove 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

H524 Mohamed Keita

Gaithersburg High School

H305 Lawrence Harari

Thomas S. Wootton High School