

PRINCE GEORGE'S AREA SCIENCE FAIR

March 30, 2008

		Senior		PGCC Scholarship	
S-1106	Sabrina	Snellings		Effect of Emissions on Nitrate in Soil	Eleanor Roosevelt
		Senior		UMCP Scholarship	
		Senior		UMBC Scholarship	
S-0101	Chinwe	Madubata		Sarcomere Length vs. Tenderization	Eleanor Roosevelt
S-0201	Nkiruka	Emezienna		Association Between ASPD, Psychopathy and DT	Eleanor Roosevelt
		Junior		Grand Award	
1	J-1102	Kelles	Gordge	Global Meltdown!	Esperanza
2	J-1235	Calvin	Davies	I Can See Clearly Now	Mill Creek
		Senior		Grand Award	
1	S-0901	Luke	Gridley	Boats, What a drag	Huntingtown
2	S-0903	Julie	Walker	What A MES Mars Environment Simulator II	Leonardtwn
		Junior		Team Award	
		Senior		Team Award	
1	S-0260A	Emily	Brinker	An Analysis of Rewards vs Punishment Systems	Northern
1	S-0260B	Rachel	Kery	An Analysis of Rewards vs Punishment Systems	Northern
2	S-1660A	Kristina	Dronenburg	Punching Out Won't Hurt that Bad	Great Mills
2	S-1660B	Bethany	Schaeffer	Punching Out Won't Hurt that Bad	Great Mills
3	S-0160A	Delante'	Hodge	Mice Have to Eat Too	Eleanor Roosevelt
3	S-0160B	Mitchell	Kempisty	Mice Have to Eat Too	Eleanor Roosevelt
H	S-0962A	Marcus	Ward	The Easy-Going Walker	From the Heart Christian School
H	S-0962B	Tashi	Hardin	The Easy-Going Walker	From the Heart Christian School

H	S-0962C	Kory Collins	The Easy-Going Walker	From the Heart Christian School
H	S-1060A	Katherine Grant	Testing the Durability of Bridges	Eleanor Roosevelt
H	S-1060B	Etienne Roberts	Testing the Durability of Bridges	Eleanor Roosevelt
H	S-1260A	Anuva Sharma	pH, Turbidity, and Blue Crabs	Eleanor Roosevelt
H	S-1260B	Gaertner Mary	pH, Turbidity, and Blue Crabs	Eleanor Roosevelt
H	S-1761A	Philips Guebretnsae	The Effect of Ground Covering on Tomato Plants	Parkdale
H	S-1761B	Kevin Guerrero	The Effect of Ground Covering on Tomato Plants	Parkdale
H	S-1761C	Kamran Khan	The Effect of Ground Covering on Tomato Plants	Parkdale
		Junior	Howard B. Owens	
J-1001	Michaela Johnson	London Bridge Is Falling Down	St. Mary's of Piscataway	
	Senior	Howard B. Owens		
S-1405	Mariya Sitnova	The Effect of GADD45 on Autoimmunity	Eleanor Roosevelt	
	Senior	Hajime Ota		
S-0901	Luke Gridley	Boats, What a drag	Huntingtown	
S-0903	Julie Walker	What A MES Mars Environment Simulator II	Leonardtown	
	Junior	Best Presentation		
J-0205	Joel Peebles, Jr.	Fire Up Your Learning and Leave No Child Behind	Jericho Christian Academy	
J-0301	Hannah Bear	Peanut Power: What Type of Peanut Contains the Most Energy	Spring Ridge	
J-0505	Patrick Deery	Does Quenching Change?	Martin L. King, Jr.	
J-0601	Andrew Herbig	Internet Browser?	Spring Ridge	
J-0703	Jonathan Hudson	Gone in a Drop	Ernest E. Just	
J-0803	DeShaun Thomas-Burns	Magnetic Levitating Train Platform	Stephen Decatur	
J-0907	Briana Hall	Bridges and Structures	Thomas G. Pullen	
J-1006	Ellie Brookbank	Homemade Fruit-Fly Traps	Leonardtown	
J-1102	Kelles Gordge	Global Meltdown!	Esperanza	
J-1204	Cierra Cade	Stop the Flooding! - What Material Works Best in a sandbag for	James Madison	
J-1403	Phillip Scassero	Stomach Acid Solution A Sequel	Leonardtown	
J-1501	Courtney Springer	Yeasty Beasties	Little Flower School	
J-1611	Malik Headen	Let the Good Times Roll: The Study of Newton's Law of Gravita	Jericho Christian Academy	
J-1701	Olivia Carter	Do Plants Grow Better in Water or Soil?	Ernest E. Just	

Senior

Best Presentation

S-0102	Delores	Quasie-Woode	Sandflies Need Nutritious Diets Too: Larval Diets	Eleanor Roosevelt
S-0201	Nkiruka	Emezienna	Association Between ASPD, Psychopathy and DT	Eleanor Roosevelt
S-0302	Dung	Ha	Frataxin's Entry into the Mitochondria	Eleanor Roosevelt
S-0401	Aparna	Sajja	How Do Oxidized Lipids affect the adhesion factor of RBC's?	Leonardtwn
S-0505	Aaron	Lipford	Creating Fragrances C5H10O2 and Other Esters	Jericho Christian Academy
S-0703	Brandon	Sanders	Error of Satellite Data vs Ground Truth	Eleanor Roosevelt
S-0835	Justin	Landers	Never Gonna Stop	Eleanor Roosevelt
S-0903	Julie	Walker	What A MES Mars Environment Simulator II	Leonardtwn
S-1061A	Brittanie	Joyner	Soft Floors	From the Heart Christian School
S-1061B	Quentin	Swain	Soft Floors	From the Heart Christian School
S-1061C	Christopher	Courtney	Soft Floors	From the Heart Christian School
S-1105	Shefali	Shah	The Big, The Bad, and The Small	Great Mills
S-1235	Felicia	Davenport	Artificial Vegetation as an EC Sensor	Charles Herbert Flowers
S-1403	Kai	Tucker	How Visual Stimuli Impacts Your Health	Jericho Christian Academy
S-1503	Kerri	Best	Gene Expression of Rhizoctonia Solani	Eleanor Roosevelt
S-1601	Kiara	Brooks	Wine Glass Symphony	Gwynn Park High School
S-1708	Dana	Robinson	Genetic Relatedness: <i>V. angustifolium</i>	Charles Herbert Flowers

Junior

Animal Sciences

1	J-0101	Margaret	Magnaye	Meow	St. Columbia
1	J-0135	Kendel	Godfrey	Horseshoe Crabs and How They Grow	Southern

Junior

Behavioral And Social Sciences

1	J-0204	Molly	McGowan	Personalities on Parade	Spring Ridge
1	J-0205	Joel	Peebles, Jr.	Fire Up Your Learning and Leave No Child Behind	Jericho Christian Academy
2	J-0206	Tinisha	Sanadeo	How Quick Are Your Eyes?	Eugene Burroughs
3	J-0235	Lauren	Kogok	Silence is Golden	St. Columbia
P	J-0201	Johnny	Mason	Video Games Change Behavior and Blood Pressure	Jericho Christian Academy

Junior

Biochemistry

1	J-0301	Hannah	Bear	Peanut Power: What Type of Peanut Contains the Most Energy	Spring Ridge
2	J-0335	Justin	Albrecht	Going Nuts	Martin L. King, Jr.

Junior

Cellular And Molecular Biology

Junior

Chemistry

1	J-0511	Danielle	Gibson	Elastomers vs. Temperature	St. Columbia
1	J-0519	Abram	Shaw	The Decrease of Vitamin C Over time	R. Goddard French
2	J-0505	Patrick	Deery	Does Quenching Change?	Martin L. King, Jr.
2	J-0525	Erik	White	America Vs. Europe "pH Study"	Thomas Johnson
2	J-0535	Shahrukh	Ali	Rusting of Iron	Samuel Ogle
3	J-0504	Emma	Frank	Flaming Ink	Leonardtwn
3	J-0506	Elizabeth	LaFave	Citrus Certainty	Esperanza
3	J-0510	Daniel	Froe	I Blew it Out the Water!	Eugene Burroughs
3	J-0520	Jake	Shows	Wood Species - Heat Output and Burning Rate	St. Mary's of Piscataway
HM	J-0501	Taisha	Bowman-Pearsor	Hydro-Electrolysis	Issac Gourdine
HM	J-0502	Andrew	Braun	Stain Be Gone	R. Goddard French
HM	J-0507	Anna	Foster	Acid Wars: Which Cleans Best	R. Goddard French
HM	J-0509	Obot	Ekpo	Boiled or Foiled?	Thomas Johnson
HM	J-0516	Dara	Pickett	Which Dish Detergent Breaks Up Oil	John Hanson Montessori
HM	J-0523	Desiree	Walker	Melting Times	Ernest E. Just
P	J-0503	Benjamin	Brown	Effect of Temperature on Viscosity	Martin L. King, Jr.
P	J-0508	Mia	Cash	Freezing Liquids	G. James Gholson
P	J-0512	A'Leia	Hicks	Do You Know the Muffin Man?	Walker Mill
P	J-0513	Bezayet	Nadew	The Temp Is Rising	John Hanson Montessori
P	J-0514	Phillip	Njowusi	The Fizz of Carbon Dioxide	Greenbelt
P	J-0515	Susan	Ojo	Got Acid?	Walker Mill
P	J-0517	Freddy	Ramirez	Let There Be Light	Greenbelt
P	J-0518	Reshma Anr Roy		Solution-Acid or Base	Ernest E. Just
P	J-0521	Nathaniel	Tate	Going Against Flight	Thomas G. Pullen
P	J-0522	Meila	Tuck	Fresh and Fruity	Thomas G. Pullen
P	J-0524	Myishonna	Ward-Hunter	Which of the following solutions will evaporate the fastest?	Drew-Freeman
P	J-0526	Shanice	Wormley	Compared differences in density of different sodas	Drew-Freeman
P	J-0527	Daniel	Olumese	Which Brands of Orange Juice Have the Most Vitamin C?	James Madison
P	J-0528	Phillip	Smith	Which Cola Works Better on Car Batteries?	James Madison
P	J-0530	Antanice	Makel	Freeze Freeze Frozen	Thomas Johnson

Junior

Computer Science

1	J-0601	Andrew	Herbig	Internet Browser?	Spring Ridge
2	J-0635	Chazi	Diggs	Will a Robot Respond to Light or Sound?	James Madison

		Junior		Earth And Planetary Science	
1	J-0703	Jonathan	Hudson	Gone in a Drop	Ernest E. Just
2	J-0702	Sylvia	Gomez	Going Down	Greenbelt
3	J-0701	Alina	Myers	Bands of Time - Cycles of Erosion	Leonardtwn
P	J-0704	Brandon	Person	Change	G. James Gholson
		Junior		Energy & Transportation	
1	J-0835	Christian	Cardwell	Geobacter Reactor	St. Columbia
2	J-0803	DeShaun	Thomas-Burns	Magnetic Levitating Train Platform	Stephen Decatur
3	J-0802	Bree	Williams	Window Wise, Energy Wise	Concordia Lutheran
P	J-0801	Kwaneisha	Watson	60 Watt Light Bulbs	G. James Gholson
		Junior		Engineering: Electrical & Mechanical	
1	J-0905	Nicholas	Ey	What a drag...or is it?	Martin L. King, Jr.
2	J-0910	Zachary	Krenik	Roll and Sway	Plum Point
3	J-0902	Ali	Dar	Which Truss do you Trust?	Greenbelt
3	J-0904	Hailey	Dodges	The Greater Gear	Spring Ridge
HM	J-0903	Lexi	Glockner	Lifting Heavy Weights with Pulleys	St. John's
HM	J-0907	Briana	Hall	Bridges and Structures	Thomas G. Pullen
HM	J-0935	Christopher	Brackett	Beat the Heat	Martin L. King, Jr.
P	J-0901	Brandon	Chatman	Flight	Eugene Burroughs
P	J-0906	Julian	Gooch	Weight and Catapults	St. Mary's of Piscataway
P	J-0908	Michael	Hope	Electrical Network Configurations	Issac Gouridine
P	J-0909	Nicole	Josey	Electromagnets and Solenoids	Jericho Christian Academy
P	J-0911	Davone	Moses	What Can You Charge?	G. James Gholson
P	J-0912	Marcus	Morris	Rolling Along? Making a Marble do a Loop the Loop on a Roller	James Madison
		Junior		Engineering: Materials & Bioengineering	
1	J-1001	Michaela	Johnson	London Bridge Is Falling Down	St. Mary's of Piscataway
1	J-1006	Ellie	Brookbank	Homemade Fruit-Fly Traps	Leonardtwn
2	J-1003	Sarah	Orr	The Heat Is On! Comparing Traditional vs Non-Traditional Form	King's Christian Academy
3	J-1005	Mystique	Galloway	Why Don't Chicken Eggs BreaK Under a Chicken?	James Madison
P	J-1004	Joshua	Trowell	The Sound Minimizer: Noise Barrier Design	Stephen Decatur
P	J-1035	Alexis	Flores	Dance! Dance!	St. Columbia
		Junior		Environmental Sciences	

1	J-1102	Kelles	Gordge	Global Meltdown!	Esperanza
2	J-1105	Andrew	Kelly	Effect of fertilizer on Dissolved Oxygen	Hyattsville
3	J-1101	Morgan	Jones	Clarity in the Bay-Phytoplankton or Sediment?	Plum Point
HM	J-1104	Sarah	Muy	Cleaning Up!	Walker Mill
P	J-1107	Emmanuel	Dixon	How Does Texture and Particle Size Affect Soil Permeability?	James Madison
P	J-1135	Jeremy	Halpert	Polluted Water	Samuel Ogle
			Junior	Environmental Management	
1	J-1235	Calvin	Davies	I Can See Clearly Now	Mill Creek
2	J-1201	Kathryn L.	Jahn	Shhh!!! Don't Scare the fish!	Spring Ridge
3	J-1204	Cierra	Cade	Stop the Flooding! - What Material Works Best in a sandbag for	James Madison
HM	J-1202	Madeline	Taylor	Every Drop Counts	St. John's
P	J-1203	Taylor	James	Handling Oil Spills	G. James Gholson
			Junior	Mathematical Sciences	
1	J-1301	Benjamin	Allen	What Makes It Swish?	St. Michael's School
			Junior	Medicine And Health Sciences	
1	J-1403	Phillip	Scassero	Stomach Acid Solution A Sequel	Leonardtown
2	J-1402	Lauren	Santi	Battle of the Pastes	St. Mary's of Piscataway
3	J-1404	Gray	McCoy	Dissolution- Which Type of Painkiller tablet Dissolves the Quick	James Madison
P	J-1435	Kevin	Austin	As a Matter of Fat	Issac Gourdine
			Junior	Microbiology	
1	J-1501	Courtney	Springer	Yeasty Beasties	Little Flower School
2	J-1535	Tolulope	Adetayo	Let Shed Some Light on Yeast	Ernest E. Just
3	J-1502	Margaret	Jokoh	Finding Enzymes	Greenbelt
P	J-1503	Anika	Sikder	Spontaneous Generation	Greenbelt
			Junior	Physics And Astronomy	
1	J-1603	Marlena	Fernandez	Balls that Bounce	St. Mary's of Piscataway
2	J-1610	Matthew	Johnson	Electromagnet Shapes	Father Andrew White
2	J-1615	Raquel	Shortt	Outlast the Insulator	Martin L. King, Jr.
3	J-1602	Alexander	Dixon	Heart Pounding Forces	Walker Mill

3	J-1609	Tonek	Hancock	Transferring Electrons to Change a Charge	Walker Mill
HM	J-1601	Chelsea	Oliver	The Melt Down	Greenbelt
HM	J-1612	Allison	McMahon	Does Size Really Make a Difference?	Hyattsville
HM	J-1616	Julian	Stuckey	Fire in the Sky	Walker Mill
P	J-1604	Jessica Nico	Miles	Rocket Stability: Exploring Various Stability Devices	Spring Ridge
P	J-1605	Emmanuel	Olaniyi	Down the Ramp	Thomas Johnson
P	J-1606	Jonathan	Bonham	Jonathan's Furious Flight	Ernest E. Just
P	J-1607	Victor	Garcia	Spin-N-Grow: Regeneration	Concordia Lutheran
P	J-1611	Malik	Headen	Let the Good Times Roll: The Study of Newton's Law of Gravita	Jericho Christian Academy
P	J-1614	Danielle	Rosales	Solar Energy	Greenbelt
P	J-1617	Aaron	True	How Does Temperature Affect Magnetism?	Concordia Lutheran
P	J-1635	Kharlin	Miles	Apple Power	Ernest E. Just

Junior Plant Sciences

1	J-1703	Hannah	Garrison	Effect of Earthworms on Grass Seed Growth	Hyattsville
2	J-1702	Itoya	Ehikhamenor	Music for the Plants	Walker Mill
3	J-1705	Alex	Ragland	Aeroponics versus Hydroponics	Father Andrew White
3	J-1707	Czarleann	Gervacio	Sugar and CO2 Production of Yeasts	Nicholas Orem
HM	J-1704	Sonia	Lee	Growth of Bean Sprouts	Spring Ridge
HM	J-1706	Travis	Latchman	Grow Seed Grow	Walker Mill
HM	J-1712	Antonio	DaCosta, Jr.	Does Skin Matter?	James Madison
P	J-1708	Brian Antho	Lemons	What's Fertilization Got Do With It	St. Columbia
P	J-1709	Chamea	Outley	Plant Growth	Ernest E. Just
P	J-1711	Wade	Blair	How will Liquid, Milk, Soda, or Water Fed to Plants Affect Their	James Madison
P	J-1713	Cody	Higgs	Go Bannanas - Which Bannana will Rot Last?	James Madison
P	J-1715	Connor	McCarthy	Revenge of the Phytoplankton	Our Lady Star of the Sea
P	J-1735	Rachel	Cain	Red, Red, Red	Thomas G. Pullen

Senior Animal Sciences

1	S-0101	Chinwe	Madubata	Sarcomere Length vs. Tenderization	Eleanor Roosevelt
2	S-0135	Scott	Barish	Measurement of Baby Pigs by DNA	Eleanor Roosevelt
3	S-0102	Delores	Quasie-Woode	Sandflies Need Nutritious Diets Too: Larval Diets	Eleanor Roosevelt

Senior Behavioral And Social Sciences

1	S-0201	Nkiruka	Emezienna	Association Between ASPD, Psychopathy and DT	Eleanor Roosevelt
2	S-0202	Laura	Jones	Do Musicians Really Rock at Codes?	Great Mills
3	S-0204	Maia	Werbos	Factors Affecting Canine Learning	Eleanor Roosevelt

P	S-0203	Arielle	Thomas	Personality vs. Handwriting	Eleanor Roosevelt
P	S-0260A	Emily	Brinker	An Analysis of Rewards vs Punishment Systems	Northern
P	S-0260B	Rachel	Kery	An Analysis of Rewards vs Punishment Systems	Northern
		Senior		Biochemistry	
1	S-0301	Allison	Dennis	The Role of Arc in synaptic Function	Eleanor Roosevelt
2	S-0302	Dung	Ha	Frataxin's Entry into the Mitochondria	Eleanor Roosevelt
3	S-0303	Brittany	Truske	The Truth Behind Calories	Eleanor Roosevelt
P	S-0335	Prayna	Bhatia	Which Alcohol Dehydrates the Body Most?	Henry Wise High School
		Senior		Cellular And Molecular Biology	
1	S-0407	Fialelei	Williams	DNA Methylation of BDNF and Chronic Stress	Eleanor Roosevelt
2	S-0403	Elizabeth	Johnson	Assessing the Variations in Microsats	Eleanor Roosevelt
3	S-0406	Olaolu	Akinfenwa	The Effects of Substances on Plant Cells	Bladensburg
HM	S-0402	Rupal	Jain	Chloroquine Resistance on PfcRT Gene	Eleanor Roosevelt
HM	S-0435	Emmanuel	Ajudua	Relationship Study: Vaccinium Angustofolium	Charles Herbert Flowers
P	S-0401	Aparna	Sajja	How Do Oxidized Lipids affect the adhesion factor of RBC's?	Leonardtown
P	S-0404	Julia	McLaughlin	Development of a Sperm Binding Assay	Eleanor Roosevelt
P	S-0405	Keyuna	Roundtree	Bioinformatics	Charles Herbert Flowers
P	S-0408	Sabrina	Zulgarnain	Does the Amount of DNA Affect Survival?	Henry Wise High School
		Senior		Chemistry	
1	S-0503	Clare	Doyle	Primitive Water Filters	Eleanor Roosevelt
2	S-0535	Phuong-Tan	Dang	Extraction of Phenoic Compounds in GB	Eleanor Roosevelt
3	S-0505	Aaron	Lipford	Creating Fragrances C ₅ H ₁₀ O ₂ and Other Esters	Jericho Christian Academy
HM	S-0502	Amelia	Franklin	Survival of the Thickest	Eleanor Roosevelt
HM	S-0504	Frederick	Kenley	Does It Taste Any Better???	Oxon Hill
HM	S-0560A	Ramatu	Koroma	The Effect of Lead Concentration in Unfiltered Water on Lead C	Gwynn Park High School
HM	S-0560B	Morgan	McKee	The Effect of Lead Concentration in Unfiltered Water on Lead C	Gwynn Park High School
P	S-0501	David	Galanie	Flash and No Ash	Leonardtown
P	S-0506	Kelvin	Moncera	Water Wars	Oxon Hill
P	S-0508	Kenise	Morris	pH Levels in Baby Food	Eleanor Roosevelt
P	S-0511	Malcolm	Smith	Race of Antacids	Eleanor Roosevelt
P	S-0512	Ted	Sombat	Vitamin C	Duval
		Senior		Computer Science	

1	S-0601	Kirby	Forssell	Microcontroller Software Development	Eleanor Roosevelt
2	S-0635	Ankit	Chaudhari	Estimating Harness Mass	Eleanor Roosevelt
3	S-0602	Ravi	Kumar	A Study Into the Predator-Prey Dynamic Using Autonomous Ag	Eleanor Roosevelt

Senior

Earth And Planetary Science

1	S-0703	Brandon	Sanders	Error of Satellite Data vs Ground Truth	Eleanor Roosevelt
2	S-0702	Mark	Montgomery	Rockin Rainfall	Eleanor Roosevelt
P	S-0760A	Christina	Belt	Erosion of Soil	Parkdale
P	S-0760B	Harleigh	Ealley	Erosion of Soil	Parkdale
P	S-0760C	Kayla	Miller	Erosion of Soil	Parkdale

Senior

Energy & Transportation

1	S-0803	Andrew	Rohland	Harnessing the Sun's Rays	Great Mills
1	S-0804	Michael	Stepp	Cleaner Car = Better Mileage	Leonardtown
2	S-0801	Michael	Xue	To In-FIN-ity and Beyond!	Eleanor Roosevelt
3	S-0835	Justin	Landers	Never Gonna Stop	Eleanor Roosevelt
HM	S-0805	James	Neely	Fueling the Future: The Hydrogen Fuel Cell	Oxon Hill
P	S-0802	Chloe	Washington	Angles of Light	Suitland

Senior

Engineering: Electrical & Mechanical

1	S-0901	Luke	Gridley	Boats, What a drag	Huntingtown
1	S-0903	Julie	Walker	What A MES Mars Environment Simulator II	Leonardtown
2	S-0907	Hanna	Froe	Solar to Electric Energy Conversion and Storage	Oxon Hill
3	S-0902	Marika	Nell	Make a Pitch for Wind Power	Eleanor Roosevelt
P	S-0904	Chawin	Reilly	Shake 'N Quake-Earthquake resistant structures	Bowie
P	S-0905	Russell	Shirley-Jones	Microcontroller Development	Eleanor Roosevelt
P	S-0906	Rashad	Taylor	Measuring the Brightness of a 60 Watt Light Bulb	Gwynn Park High School
P	S-0935	Rashad	Cleveland	The Oasis	Charles Herbert Flowers
P	S-0960A	Erica	Hatcher-Sellers	Cargo Plane Competition 2008	Charles Herbert Flowers
P	S-0960B	Erika	Jackson	Cargo Plane Competition 2008	Charles Herbert Flowers
P	S-0961A	Samuel	Walker	Comfort Gloves	From the Heart Christian School
P	S-0961B	Marcus	Hopkins	Comfort Gloves	From the Heart Christian School
P	S-0961C	Schillica	Howard	Comfort Gloves	From the Heart Christian School
P	S-0962A	Marcus	Ward	The Easy-Going Walker	From the Heart Christian School
P	S-0962B	Tashi	Hardin	The Easy-Going Walker	From the Heart Christian School
P	S-0962C	Kory	Collins	The Easy-Going Walker	From the Heart Christian School

Senior

Engineering: Materials & Bioengineering

1	S-1035	Amie	Gilligan	Sound Off!	Home School
2	S-1003	Querisha	Joyner	Is Baby Cloth Still Flammable after Many Washes?	Henry Wise High School
3	S-1005	Marcus	King	Which Materials Are Best for a Hot Air Balloon: Polyester or Ac	Gwynn Park High School
P	S-1061A	Brittanie	Joyner	Soft Floors	From the Heart Christian School
P	S-1061B	Quentin	Swain	Soft Floors	From the Heart Christian School
P	S-1061C	Christopher	Courtney	Soft Floors	From the Heart Christian School
P	S-1062A	Gerald	Collins, Jr.	Handy Cane	From the Heart Christian School
P	S-1062B	Jasmine	Grandison	Handy Cane	From the Heart Christian School
P	S-1062C	Oeshae	Morgan	Handy Cane	From the Heart Christian School

Senior

Environmental Sciences

1	S-1105	Shefali	Shah	The Big, The Bad, and The Small	Great Mills
2	S-1135	Andrea	Buzard	Ecological Footprint and Cancer	Northwestern
3	S-1109	Alison	Devine	Current Events: The Displacement of Soil and Sediments	Leonardtown
HM	S-1106	Sabrina	Snellings	Effect of Emissions on Nitrate in Soil	Eleanor Roosevelt
HM	S-1108	Ankur	Patel	Don't Let the Count Surprise You!	Eleanor Roosevelt
P	S-1101	Kim	Espinsosa	How Does Water Pollution Affect Elodea?	Fairmont Heights
P	S-1102	Alexandria	Fletcher	Life Saving Soil	Oxon Hill
P	S-1103	Guadalupe	Osorio	Water Quality	Fairmont Heights
P	S-1104	Edgardo	Parrilla	Examining the Water Quality at Parkdale High School	Parkdale

Senior

Environmental Management

1	S-1235	Felicia	Davenport	Artificial Vegetation as an EC Sensor	Charles Herbert Flowers
2	S-1204	Jasmine	Spencer	Does Weather Effect Atmospheric Pressure?	Henry Wise High School
P	S-1202	Elizabeth	Thompson	Eroding Farm Fields	Leonardtown

Senior

Mathematical Sciences

Senior

Medicine And Health Sciences

1	S-1402	Justin	Yu	A New Angioplastic Device with Smart Materials	St. Mary's Ryken
2	S-1405	Mariya	Sitnova	The Effect of GADD45 on Autoimmunity	Eleanor Roosevelt
3	S-1401	Laura	Morris	Cloning and Expression of a Fusion Protein from My (Obacteriu	Suitland
HM	S-1404	Brittany	View	Are Ipods Causing Hearing Damage?	Eleanor Roosevelt
P	S-1403	Kai	Tucker	How Visual Stimuli Impacts Your Health	Jericho Christian Academy

P	S-1435	Mohammed Ashkar		Technology v. Education	Duval
		Senior		Microbiology	
1	S-1502	Tiffany Bailey		Tea: A Bacterial Growth Inhibitor	Charles Herbert Flowers
2	S-1535	Jonelle Agurs		Trichoderma Growth in Formulations	Eleanor Roosevelt
3	S-1501	Prachi Bagadia		B-Lymphocytic cell line during JCV infection	Eleanor Roosevelt
HM	S-1505	Renjit Thomas		Rate of Change in DNA of Escherichiacoli in Milk	Fairmont Heights
P	S-1503	Kerri Best		Gene Expression of Rhizoctonia Solani	Eleanor Roosevelt
P	S-1504	Tiona Hawkins		The Quantity and Identify of Bacteria in Milk	Charles Herbert Flowers
P	S-1506	Achmed Turay		Effects of Different Media on T Cell Stimualtion	Oxon Hill
		Senior		Physics And Astronomy	
1	S-1604	Emily Gehrels		Growth of Multiwalled Carbon Nanotubes on a Curved Surface	Eleanor Roosevelt
2	S-1606	Lauren Jones		Jumping to Conclusions	Eleanor Roosevelt
3	S-1605	Christian Kalil		Centripetal Force	Eleanor Roosevelt
HM	S-1602	Jonathan Chordnay		Salinity and Refractive Index	Eleanor Roosevelt
P	S-1601	Kiara Brooks		Wine Glass Symphony	Gwynn Park High School
P	S-1607	Delano White		Acceleration of Neodymium Magnets	Jericho Christian Academy
P	S-1660A	Kristina Dronenburg		Punching Out Won't Hurt that Bad	Great Mills
P	S-1660B	Bethany Schaeffer		Punching Out Won't Hurt that Bad	Great Mills
		Senior		Plant Sciences	
1	S-1708	Dana Robinson		Genetic Relatedness: <i>V. angustifolium</i>	Charles Herbert Flowers
2	S-1705	Henry Ofori		Cold Tolerance of Vaccinium	Eleanor Roosevelt
3	S-1735	Maria Concepcion		Stimulating Plant Growth Using Tuning Forks	Oxon Hill
HM	S-1706	Tosin Ogunkuya		Arabidopsis thaliana and AtNHXI Exchanger	Eleanor Roosevelt
P	S-1701	Cierra Crawley		Let It Grow	Duval
P	S-1703	Ryan Kinney		Sugar Roots	Fairmont Heights
P	S-1710	Salem Daniel		Sunlight vs. Artificial Light	Northwestern