

State Science Day - May 14, 2016

Sponsored by The Ohio Academy of Science, American Electric Power, The Ohio Environmental Education Fund, and Ethicon Endo Surgery

Hosted by The Ohio State University

AB Miree Fundamental Academy, Cincinnati

Mr Stephen Lindstrom	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	070 3rd
Project Type: Individual		
Project Title: <i>The Effect of Temperature on Air Pressure in a Football</i>		

All Saints, Cincinnati

Ms Emma Campbell	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Perception and Doodles: Do You See What I See?</i>		

Mr Will Crone	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Long-Term Memory of Betta Fish</i>		

Ms Ashley Elma	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>What is the Magic in Moisturizers?</i>		

Ms Morgan Nuss	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	061 2ND
Project Type: Individual		
Project Title: <i>Building & Busting Bridges: On which Type Would You Weigh Your Trust?</i>		

Ms Olivia Westendorf	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>On Solid Ground? Comparing Load Bearing Capacity of Soil</i>		

Alliance MS, Alliance

Ms Ellie Brugh	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>iTunes Shuffle: Random or Not?</i>		

Anderson HS, Cincinnati

Mr Anastasios A Manganaris	OAS AWARD	Sponsored Awards -if any
Grade:09 Project Type: Individual	Excellent	
Project Title: Protein modeling to predict structure of a JAK2 mutant causing essential thrombocytosis		

Mr Panayotis T Manganaris	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Superior	159 1ST
Project Title: A Study of Neutrino Oscillations		

Anna HS, Anna

Mr Tyler McKee	OAS AWARD	Sponsored Awards -if any
Grade:12 Project Type: Individual	Excellent	
Project Title: Comparison of Milk Replacer and Whole Milk		

Ms Mackenzie Wells	OAS AWARD	Sponsored Awards -if any
Grade:12 Project Type: Individual	Excellent	
Project Title: Sports Drinks and Pulse Rate During Exercise		

Mr Aaron Brautigam	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Team	Excellent	
Project Title: Broiler Feed Trials		

Ms Briana Fanaff	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Team	Excellent	
Project Title: Broiler Feed Trials		

Anthony Wayne HS, Whitehouse

Mr Sanjay Jinka	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Excellent	148 2ND
Project Title: Examining the Effect of TRIP13 Over Expression on Cancerous Aneuploidy		

Archbishop Alter HS, Kettering

Mr George Abboud	OAS AWARD	Sponsored Awards -if any
Grade:10 Project Type: Individual	Superior	175 SCH
Project Title: Most Effective Acne Cleanser On Staphylococcus Epidermis		

Archbishop Alter HS, Kettering

Ms Grace E Bradley Grade:9 Project Type: Individual Project Title: <i>Natural or Synthetic Antacids: Effectiveness at Elevating the pH of Stomach Acid in the Shortest Amount of Time</i>	OAS AWARD Excellent	Sponsored Awards -if any 134 HM
Ms Kayla Ann Butler Grade:10 Project Type: Individual Project Title: <i>The Flammability of Sealants Used in Barns</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Maria Claiborne Grade:10 Project Type: Individual Project Title: <i>Amount of Carbon Dioxide in Laparoscopic Surgery</i>	OAS AWARD Excellent	Sponsored Awards -if any 175 SCH
Mr James Collins Grade:10 Project Type: Individual Project Title: <i>What is the Strongest Bridge?</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Mark J Edsall Grade:9 Project Type: Individual Project Title: <i>Will a group of students do better on a quiz studying while watching a action movie, musical moviel, or no movie at all</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Maria C Jasek Grade:10 Project Type: Individual Project Title: <i>Preferred Computerized Background/Text Colors for Colorblind Users</i>	OAS AWARD Superior	Sponsored Awards -if any 028 2ND
Ms Shannon M Ly Grade:10 Project Type: Individual Project Title: <i>Blood Clotting</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Ashley Newbold Grade:10 Project Type: Individual Project Title: <i>Antibiotic Resistance</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Morgan M Schneider Grade:10 Project Type: Individual Project Title: <i>Does Humidity Percentage Affect How Fast a Tornado Will Form?</i>	OAS AWARD Superior	Sponsored Awards -if any 079 4TH 175 SCH 070 1st

Archbishop Alter HS, Kettering

Ms Rachel D Shal OAS AWARD Good Sponsored Awards -if any
Grade:10 Project Type: Individual
Project Title: *Need for Speed*

Ms Ashley Paige Vosler OAS AWARD Superior Sponsored Awards -if any
Grade:9 Project Type: Individual
Project Title: *Medicine Mayhem*
145 1ST

Ms Megan R Vosler OAS AWARD Superior Sponsored Awards -if any
Grade:10 Project Type: Individual
Project Title: *Bioterrorism: How Much Do Students Know?*

Ms Rosemary J Wildermuth OAS AWARD Excellent Sponsored Awards -if any
Grade:9 Project Type: Individual
Project Title: *Effect of Ultraviolet Light on Gram-positive and Gram-negative Bacteria Efficacy*

Ms Hope Wirsing OAS AWARD Superior Sponsored Awards -if any
Grade:10 Project Type: Individual
Project Title: *Sink or Swim*
175 SCH

Ms Sara Yacoub OAS AWARD Superior Sponsored Awards -if any
Grade:9 Project Type: Individual
Project Title: *The Effect of Meditation on Heart Rate Variability and Emotional Intelligence*
028 1ST 148 1ST

Archbishop Hoban, Akron

Ms Maria Dhinojwala OAS AWARD Superior Sponsored Awards -if any
Grade:10 Project Type: Individual
Project Title: *The Effects of Temperature on Surface Tension*
159 1ST 070 HM

Archbishop Lyke-St Timothy, Garfield Hghts

Mr Demetrius Talton OAS AWARD No Show Sponsored Awards -if any
Grade:7 Project Type: Individual
Project Title: *Lemon Battery*

Mr Donnell Freeman OAS AWARD Excellent Sponsored Awards -if any
Grade:8 Project Type: Team
Project Title: *The Robotic Arm*

Archbishop Lyke-St Timothy, Garfield Hghts

Mr Marcus Mathis	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Team		
Project Title: <i>The Robotic Arm</i>		

Archbishop McNicholas HS, Cincinnati

Mr Jacob Reuss	OAS AWARD	Sponsored Awards -if any
Grade:9	Good	
Project Type: Individual		
Project Title: <i>Kidney Bean Electricity Survival</i>		

Mr Michael Schaeper	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>Aspirin and Plants</i>		

Ascension, Kettering

Ms Sophia Carter	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>I'll take my popcorn supersized</i>		

Ms Morgan McDaniel	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Glue Adhesion</i>		

Ashland Christian, Ashland

Ms Korinne Harris	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>As You Age, Does The Brain Filter Out Words It Views As Unimportant?</i>		

Ms Alyssa McGrane	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Which Side of the Brain Draws The Best?</i>		

Ms Anna Wolfe	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>What Is The Accuracy of An Eyewitness Testimony?</i>		

Ashland MS, Ashland

Mr Ryan Frazee	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>The "Reel" Truth About Fishing Line</i>		

Athens HS, The Plains

Mr Derek C Demel	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	061 2ND 192 SCH
Project Type: Individual		
Project Title: <i>Rutting Susceptibility in Porous Asphalt Pavement</i>		

Ms Kathryn C Dispenza	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	
Project Type: Individual		
Project Title: <i>Optimization of Energy Output Using a Bacterial Fuel Cell</i>		

Mr Edward T Drabold	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	108 HM 139 3RD
Project Type: Individual		
Project Title: <i>Optimization of Carbonic Acid Reactions Through Catalysis</i>		

Mr Henry Louis Fetsch	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	
Project Type: Individual		
Project Title: <i>Optimizing Neural Network Training Algorithms</i>		

Mr Yu-Shiang Jeng	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	055 2nd
Project Type: Individual		
Project Title: <i>Password Proximity Algorithm</i>		

Ms Shifra R Narasimhan	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	067 1ST 159 1ST
Project Type: Individual		
Project Title: <i>Determining Sugar Concentration in Multiple-Solute Solutions</i>		

Ms Anru Tian	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>Effects of Microgravity and Hypergravity on Maize and Phaseolus plants</i>		

Ms Sylvie Celeste Wilson	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>Effects of Precipitation on Acid Mine Drainage Streams</i>		

Athens MS, Athens

Mr Samuel Joseph Dispenza **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Aerodynamics of Supertall Buildings

Mr Wallace C Green **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: The Olfactory System of the Common Fruit Fly (Drosophila melanogaster)

Mr Adeel Koshal **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior 028 1ST 189 1ST
Project Title: Does Listening to Music Affect Academic Ability

Ms Mieke Riddlebarger **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior 145 2ND
Project Title: Using Honey To Minimize Bacteria Growth

Ms Hannah Schulz **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: The Effects of Acid Mine Drainage on Macroinvertebrates

Ms Zoe A Williams **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Cosmic Particle Reactions In A Cloud Chamber

Ms Tina Zhang **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Are We Drinking Clean Water?

Ayersville HS, Defiance

Ms Alexis Hagerman **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior
Project Title: Books Vs. Movies

Baker MS, Fairborn

Ms Jordan E Copeland **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior 030
Project Title: Bacteria Growth in Water

Bath MS, Lima

Mr Charlie Schneider	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Ferrofluid and the Neodymium Magnet</i>		

Ms Kristina White	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Do Low Sugar Products Have Less Glucose?</i>		

Beachwood HS, Beachwood

Ms Swathi Srinivasan	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	147 1ST 192 SCH 169 2SCH
Project Type: Individual		
Project Title: <i>Evaluating the Relationships Between Chemicals in Spices and Alzheimer's Disease Through Bioinformatics and Chemical Approaches</i>		

Beaumont School, Cleveland Hts

Ms Martha J Blatt	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	108 HM
Project Type: Individual		
Project Title: <i>Comparing the Energy Production of Unwashed Biodiesel Versus Washed Biodiesel</i>		

Ms Mary Bova	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>Spinning Moments</i>		

Ms Meghan Kessinger	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	038 2ND 148 2ND
Project Type: Individual		
Project Title: <i>Hello Bacteria is on the Phone for You</i>		

Ms Sarah Lena Kikel	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Citric Acid on Brassica rapa's Ability to Phytoremediate Zinc and Lead Contaminated Soils</i>		

Ms Cassandra Perlatti	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>Burning for Learning</i>		

Beaumont School, Cleveland Hts

Ms Madigan Riley Grade:9 Project Title: <i>Sleepwear Safety</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Ms Klaudia H Sirk Grade:12 Project Title: <i>The Effect of Gold Thickness on the Mechanical Properties of a Silicon Carbide Diaphragm: Determining the Shift in Fundamental Resonant Peak Frequency</i>	OAS AWARD No Show	Sponsored Awards -if any
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Beavercreek HS, Beavercreek

Mr Prathik A Chakravarthy Grade:11 Project Title: <i>Autism and Neurodegeneration: Linking Copy Number Variations in Genomic Regions of Autism to Neurological Diseases</i>	OAS AWARD Superior	Sponsored Awards -if any 133
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Mr Rohit V Chakravarthy Grade:11 Project Title: <i>Autism and Neurodegeneration: Linking Copy Number Variations in Genomic Regions of Autism to Neurological Diseases</i>	OAS AWARD Superior	Sponsored Awards -if any 133
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Bell Creek ES, Bellbrook

Ms Karin Peterson Grade:5 Project Title: <i>What makes the best window insulation?</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Bellbrook HS, Bellbrook

Ms Rachel I Kahler Grade:9 Project Title: <i>Autonomous Vehicle Safety</i>	OAS AWARD Superior	Sponsored Awards -if any
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Mr Benjamin N Slauenwhite Grade:11 Project Title: <i>Graphene Supercapacitors</i>	OAS AWARD Superior	Sponsored Awards -if any
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Bellbrook MS, Bellbrook

Mr Kevin Agnew Grade:7 Project Title: <i>Is Your Stride Rate Slowing You Down?</i>	OAS AWARD Superior	Sponsored Awards -if any 148 1ST
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Bellbrook MS, Bellbrook

Ms Dasha Crocker Grade:7 Project Type: Individual Project Title: <i>The Physics of Flight - 3 fin vs. 4 fin</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Riley Fitzner Grade:7 Project Type: Individual Project Title: <i>Hand Warmers Hotness</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Tania Grajeda Grade:7 Project Type: Individual Project Title: <i>Acoustic Levitation</i>	OAS AWARD Excellent	Sponsored Awards -if any
Mr Derek Peterson Grade:7 Project Type: Individual Project Title: <i>The effect of a catalyst on a chemical reaction</i>	OAS AWARD Excellent	Sponsored Awards -if any
Mr Michael Steffe Grade:7 Project Type: Individual Project Title: <i>Does Caffeine Affect Plant Growth?</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Ryan Westergaard Grade:8 Project Type: Individual Project Title: <i>KCAL Tactical Body Armor</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Karli Willcox Grade:7 Project Type: Individual Project Title: <i>Homemade Fire Extinguishier</i>	OAS AWARD Excellent	Sponsored Awards -if any
Mr Ryan Williams Grade:8 Project Type: Individual Project Title: <i>A Slice of Pi</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Madison Myers Grade:8 Project Type: Team Project Title: <i>Testing how clothing impacts others around us</i>	OAS AWARD Good	Sponsored Awards -if any

Bellbrook MS, Bellbrook

Ms Ellaina Swallows	OAS AWARD	Sponsored Awards -if any
Grade:8	Good	
Project Type: Team		
Project Title: <i>Testing how clothing impacts others around us</i>		

Benjamin Logan HS, Bellefontaine

Ms Jessica Goff	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	
Project Type: Individual		
Project Title: <i>Antibacterial Medieval Remedy</i>		

Ms Sarah Seeley	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	019 SCH
Project Type: Individual		
Project Title: <i>Which Agricultural Method is most Efficient; Aeroponics, Aquaponics, or Traditional?</i>		

Bethel JS, Tipp City

Ms Savannah Phipps	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>What Everyday Drinks Do To Your Teeth</i>		

Ms Lisa Sebastian	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Carbonation That Cola Bottles Lose</i>		

Ms Alaina Yarwick	OAS AWARD	Sponsored Awards -if any
Grade:7	Good	
Project Type: Individual		
Project Title: <i>Growing Plants with Different Soils</i>		

Big Walnut HS, Sunbury

Ms Madison A Aleshire	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	091 1ST
Project Type: Individual		
Project Title: <i>Water Quality in Aquaponic Systems</i>		

Ms Abigail L Myers	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	080 1ST 108 HM 139 3RD
Project Type: Individual		
Project Title: <i>Arctic Oil Spill Clean-Up: Light vs Heavy Oil</i>		

Big Walnut HS, Sunbury

Ms Faith C Myers Grade:9 Project Title: <i>Ammonium Nitrate vs Urea: Concentration Effects in Instant Cold Packs</i>	OAS AWARD Superior	Sponsored Awards -if any
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Big Walnut Intermediate, Sunbury

Ms Jenna Faye Austin Grade:6 Project Title: <i>Knocking Out Germs</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Alayna Boyer Grade:5 Project Title: <i>Which paper airplane design goes farther after 10 trials?</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Abbey Danne Grade:6 Project Title: <i>Rubik's Puzzle</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Josie Gochenour Grade:5 Project Title: <i>#Yeastactivatingtemps.</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Christopher Atticus Lee Grade:6 Project Title: <i>Paper or Screen: How do Students Comprehend Best?</i>	OAS AWARD Superior	Sponsored Awards -if any 028 1ST
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Mr Aleksander Murnieks Grade:5 Project Title: <i>The Effect Of Temperature On An Electromagnet's Strength</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Collin Noble Grade:5 Project Title: <i>Bullet penetration depth in water</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Garrett Osborne Grade:5 Project Title: <i>Is it your eyes playing tricks or your brain</i>	OAS AWARD Superior	Sponsored Awards -if any 028 2ND
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Big Walnut Intermediate, Sunbury

Mr Cristian Salloum **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:5 Project Type: Individual
Project Title: *To Game or Not to Game*

Ms Savannah Smith **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:6 Project Type: Individual
Project Title: *Battery Battles*

Mr Ethan Swager **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:5 Project Type: Individual
Project Title: *Can background noise affect how well we concentrate?*

Mr Ben McKelvey **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:6 Project Type: Team
Project Title: *The Effect of Color on Memory*

Ms Molly Stewart **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:6 Project Type: Team
Project Title: *The Effect of Color on Memory*

Big Walnut MS, Sunbury

Mr Jaden J Partlow **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *Kidney Stone Prevention... Is Water Really Best?*
034 1ST

Birchwood School, Cleveland

Ms Shruthi Ravichandran **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *Building a More Efficient, Inexpensive, and Low Maintenance Solar Tracker*
055 1st

Bishop Fenwick, Zanesville

Ms Lauren Gnau **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Magnetism and Floppy disks*

Bishop Flaget, Chillicothe

Ms Carmen Corcoran	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>What Moisturizer Works Best?</i>		

Ms Stephanie Hirsch	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>SmartFresh, Bananas, & Storage</i>		

Mr Jarrett Seebohm	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Is Fertilizer A Scam?</i>		

Ms Olivia Wannemacher	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	072 2ND
Project Type: Individual		
Project Title: <i>Can Poppy Seeds Cause a False-Positive Drug Test?</i>		

Bishop John King Mussio Central ES, Steubenville

Mr Nathan Lucas	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Which Is the Fastest Deicer?</i>		

Mr Duayne Wetherell	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>How Do Different Ground Covers Affect Erosion in Agriculture?</i>		

Ms Isabella Zinno	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>Does Water Change from the Filtration Plant to the Faucet?</i>		

Bishop John King Mussio Central JS, Steubenville

Ms Brianna Nicole DeChristopher	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Which Brand of Fertilizer Grows Basil the Best</i>		

Ms Hannah McManus	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Which type of exhaust contains the most carbon dioxide?</i>		

Bishop John King Mussio Central JS, Steubenville

Mr Joseph Michael Rohde	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>How is the Particle Size of Turf Infill Affected by Mechanical Mixing and Heating at Three Temperatures Relevant to Sports Competitions?</i>		

Bishop Leibold E & W Campus, Dayton

Ms Katie Cool	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Confusing the Mind!</i>		

Ms Camille Fultz	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Velocity with Video</i>		

Ms Elizabeth Jasek	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Webpage Design's Effect On Comprehension</i>		

Ms Makenna Korzan	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>PLC Robots</i>		

Mr Gino Padovani	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Don't Disrupt Me! I'm WI-Fi!</i>		

Ms Susanna Robinson	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>You, Me, and Vitamin C</i>		

Ms Mary Stier	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Watch Your Step</i>		

Mr Aidan Tyra	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Simply Catapults</i>		

Bishop Leibold E & W Campus, Dayton

Mr Luke Wannemacher	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	034 2ND
<i>Project Title: Stealthy Shapes</i>		

Mr Davis Ryan Zearley	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	
<i>Project Title: Hydrophobicity and Water Collection</i>		

Ms Mackenzie Zlotnik	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
<i>Project Title: Older and Bolder</i>		

Black River HS, Sullivan

Mr Joseph Meredith	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Individual	Superior	
<i>Project Title: Beam deflection versus shape in reference to hollow beams for submarine bulwarks</i>		

Ms Hope Conrad	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Team	Superior	
<i>Project Title: Training earthworms to react to a conditioned stimulus</i>		

Mr Benjamin Miller	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Team	Superior	
<i>Project Title: Training earthworms to react to a conditioned stimulus</i>		

Blessed Sacrament, Newark

Ms Sara Moore	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	No Show	
<i>Project Title: A-Peeling Look at a Banana: When Does a Banana Have the Most Sugar During the Ripening Process?</i>		

Bloom Carroll HS, Carroll

Ms Alexa Addison	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Individual	Excellent	
<i>Project Title: Can Smokers Hold Their Breath Longer Than Non-Smokers?</i>		

Bloom Carroll HS, Carroll

Ms Bridget A Bowman Grade:12 Project Type: Individual Project Title: <i>The Effect of Ultraviolet Radiation on Yeast Cultures</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Vincent Brausch Grade:9 Project Type: Individual Project Title: <i>Does Playing an Instrument Affect Reaction Time?</i>	OAS AWARD Superior	Sponsored Awards -if any 189 2ND
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Ms Emaleigh Evaline Grade:9 Project Type: Individual Project Title: <i>Can Peppermint Affect Reaction Time?</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Ms Anna M Kruse Grade:10 Project Type: Individual Project Title: <i>Biochar as a Substrate Mediator</i>	OAS AWARD Superior	Sponsored Awards -if any 019 SCH
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Mr Joseph D Kruse Grade:9 Project Type: Individual Project Title: <i>Controlling Microalgae and Cyanobacteria</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Samantha Loeffler Grade:12 Project Type: Individual Project Title: <i>Changes in Amino Acid Sequence that Confer Functionality of Heme-Iron Transport Proteins in Haemophilus influenzae</i>	OAS AWARD Superior	Sponsored Awards -if any 147 3RD
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Ms Hattie Poling Grade:9 Project Type: Individual Project Title: <i>Staphylococcus epidermidis Growth Dependent Upon Inhibitors of Beta-Lactamases</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Ms Kaycee Ritchey Grade:12 Project Type: Individual Project Title: <i>Is Punishment or Reward the Better Motivator</i>	OAS AWARD Superior	Sponsored Awards -if any
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Bloom Carroll MS, Carroll

Ms Allie Carter Grade:6 Project Type: Individual Project Title: <i>Gluten Cross-Contamination</i>	OAS AWARD Superior	Sponsored Awards -if any
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Bloom Carroll MS, Carroll

Ms Theresa Detwiler
Grade:7 Project Type: Individual
Project Title: *How Does Temperature Affect How High Tennis Balls Bounce?*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Alexandra Kimmins
Grade:8 Project Type: Individual
Project Title: *Visual vs Auditory Learning*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Emily A. Kruse
Grade:7 Project Type: Individual
Project Title: *Mycorrhizal Effects on Glycine max*

OAS AWARD
Superior

Sponsored Awards -if any

Ms Abigail Lister
Grade:6 Project Type: Individual
Project Title: *The Effect of Organic and Chemical Fertilizers on Houseplants*

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Hunter Price
Grade:6 Project Type: Individual
Project Title: *What Blocks WiFi?*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Laura Sabo
Grade:7 Project Type: Individual
Project Title: *Oil Dispersion*

OAS AWARD
No Show

Sponsored Awards -if any

Ms Cassidy G Smith
Grade:8 Project Type: Individual
Project Title: *Which Active Ingredient Eliminates the Most Bacteria?*

OAS AWARD
Superior

Sponsored Awards -if any
228 1ST

Ms Mekala Stiffler
Grade:7 Project Type: Individual
Project Title: *Ink chromatography*

OAS AWARD
No Show

Sponsored Awards -if any

Ms Samantha Stitt
Grade:6 Project Type: Individual
Project Title: *What Type of Chocolate is More Liked?*

OAS AWARD
Excellent

Sponsored Awards -if any

Bloom Carroll MS, Carroll

Ms Sierra E Wentz	OAS AWARD	Sponsored Awards -if any
Grade:7	No Show	
Project Type: Individual		
Project Title: <i>Growing Soybeans: Which Growing Medium Makes Soybeans Grow the Most?</i>		

Mr Ian Wolfe	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Is Soil or Hydroponics Better for Growing Soybeans?</i>		

Bloom-Vernon ES, S Webster

Mr Jonah Martin	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>3....2....1 Soda Blast Off!</i>		

Bowling Green Christian Academy, Bowling Green

Ms Anna Zemaitis	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Does hot or cold affect the strength of a battery</i>		

Bowling Green HS, Bowling Green

Ms Alexis Kisor	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>The Effects of Emotion on EEG Asymmetry</i>		

Bradford HS, Bradford

Ms Kailee Brower	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	002 SCH
Project Type: Individual		
Project Title: <i>Effects of Lavender on Stress</i>		

Mr Drew Patty	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	
Project Type: Individual		
Project Title: <i>Forces and Braces</i>		

Mr Rhyan P Turner	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	011 SCH
Project Type: Individual		
Project Title: <i>Validity & Repeatability of a Small Scale Wind Tunnel</i>		

Brookville HS, Brookville

Mr Jeremiah Penick
Grade:10 Project Type: Individual
Project Title: Purity of Aspirin

OAS AWARD
Superior

Sponsored Awards -if any

Buckeye Valley Local MS, Delaware

Mr Benjamin Brown
Grade:8 Project Type: Individual
Project Title: Arduino Biped

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Lisa Choe
Grade:7 Project Type: Individual
Project Title: What a Reaction

OAS AWARD
Superior

Sponsored Awards -if any

Ms Marina Colatruglio
Grade:8 Project Type: Individual
Project Title: Super Stroop Effect

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Teresa Marie King
Grade:7 Project Type: Individual
Project Title: How Do Different Leavening Agents Affect the Density of Baked Goods?

OAS AWARD
Superior

Sponsored Awards -if any

Mr Grant Mirka
Grade:8 Project Type: Individual
Project Title: Flower Pigment Identification Using Gel Electrophoresis

OAS AWARD
Excellent

Sponsored Awards -if any

Mr AJ Nicolosi
Grade:7 Project Type: Individual
Project Title: Sound Absorption: Which Does it Best?

OAS AWARD
Superior

Sponsored Awards -if any

Ms Kenzie Prickett
Grade:8 Project Type: Individual
Project Title: Glucose? How Sweet It Is.

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Aspen R Schneller
Grade:8 Project Type: Individual
Project Title: Does the Soilless Aquaponics System Help Plants Grow Even Faster Compared to the Increased Nitrogen Level?

OAS AWARD
Superior

Sponsored Awards -if any

Buckeye Valley Local MS, Delaware

Mr Grant Skinner	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>How To Put Out Fire Sound</i>		

Ms Kyleen Staff	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>What is the Relationship Between Eye Preference and Foot Dominance in Parrots?</i>		

Bucyrus HS, Bucyrus

Mr Jaden Kyle Deskins	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>Bar Soap</i>		

Ms Lauren E Kohler	OAS AWARD	Sponsored Awards -if any
Grade:9	No Show	
Project Type: Individual		
Project Title: <i>Whitening Teeth</i>		

Ms Sarah Ashton Lipscomb	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	
Project Type: Individual		
Project Title: <i>Bloodstain Pattern Analysis</i>		

Bucyrus MS, Bucyrus

Ms Makyla Ferris	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Brain Perception of Optical Illusions</i>		

Mr Samuel Rager	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Mass Flow Rate and Shape</i>		

Bunsold MS, Marysville

Ms Lauren Sullivan	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>The Beauty in Gold</i>		

Canfield HS, Canfield

Mr Jonathan M Gant	OAS AWARD Superior	Sponsored Awards -if any 175 SCH 134 2ND
Grade:10	Project Type: Individual	
Project Title:	<i>The Effect of Chiral Molecules on Polarized Light: Impacts to Biochemistry</i>	

Carroll HS, Dayton

Ms Julia M Arnold	OAS AWARD Excellent	Sponsored Awards -if any
Grade:11	Project Type: Individual	
Project Title:	<i>Low Rank Representation for Perfect Recognition</i>	

Ms Elizabeth Connair	OAS AWARD Excellent	Sponsored Awards -if any
Grade:10	Project Type: Individual	
Project Title:	<i>Paper vs Digital: The Effect of Media Type on Comprehension</i>	

Ms Maeve K Curliss	OAS AWARD Superior	Sponsored Awards -if any 028 1ST 175 SCH 023
Grade:11	Project Type: Individual	
Project Title:	<i>Testing the Accuracy of the Active and Passive Theories of Distraction Blocking</i>	

Ms Amanda Devillier	OAS AWARD Superior	Sponsored Awards -if any 028 2ND
Grade:11	Project Type: Individual	
Project Title:	<i>The Effect of Perceptual Load on Inattentive Blindness</i>	

Mr Jason Dong	OAS AWARD Superior	Sponsored Awards -if any 175 SCH
Grade:10	Project Type: Individual	
Project Title:	<i>Enriching the Soil: Benefits of Biochar on Crop Growth</i>	

Ms Claire Farrell	OAS AWARD Excellent	Sponsored Awards -if any
Grade:11	Project Type: Individual	
Project Title:	<i>Active and Passive Rest in High Intensity Exercise</i>	

Ms Juliann Huber	OAS AWARD Excellent	Sponsored Awards -if any
Grade:10	Project Type: Individual	
Project Title:	<i>Optimizing Dual Wind Turbine Performance</i>	

Ms Hayley Jesse	OAS AWARD Superior	Sponsored Awards -if any
Grade:9	Project Type: Individual	
Project Title:	<i>The Effectiveness of Memorization Techniques</i>	

Carroll HS, Dayton

Mr Curtis Mackey **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: Effects of Increased Cambered Airfoils on Airflow Separation

Mr Mathew George Mattamana **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: UV-B Radiation's Effect on Hypoestes phyllostachya

Ms Maria McCarty **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent 169 HM
Project Title: Energy in Food vs. Caloric Content

Mr Liam McCormick **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: Achieving Net-Zero Energy Status in an Average Dayton Home

Mr Peter J Menart **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior 067 3RD
Project Title: Numerical and Analytical Model Development for Tidal Barrage Energy Output

Ms Kayla Jane Mowery **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior
Project Title: Does the Front of Center (FOC) of an Arrow Affect the Arrow's Momentum and Penetration Depth?

Ms Olivia Murray **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior
Project Title: The Effect of Visual and Auditory Distractions on a Basic Task

Mr Travis O'Leary **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent 080 3RD
Project Title: Liquid Nitrogen's Effect On Oil Spills

Mr Cameron Provonsil **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Excellent
Project Title: Structural Barriers for Tsunami Flood Protection

Carroll HS, Dayton

Ms Abigail R Shahady	OAS AWARD	Sponsored Awards -if any
Grade:10	No Show	
Project Type: Individual		
Project Title: <i>Implicit Learning - the impact of visualization and environment on problem solving</i>		

Catholic Central JS/HS, Springfield

Mr Carter Mayhan	OAS AWARD	Sponsored Awards -if any
Grade:8	No Show	
Project Type: Individual		
Project Title: <i>Resting Out: How Acidic Level Affects the Rate of Corrosion</i>		

Mr Matthew Mayhan	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>Hot or Cold, Push or Pull: How Temperature Affects the Strength of a Magnet</i>		

Ms Michelle Robertson	OAS AWARD	Sponsored Awards -if any
Grade:7	Good	
Project Type: Individual		
Project Title: <i>Pinocchio's Arm - Battle of the Sexes</i>		

Centerville HS, Centerville

Mr Sanjeev M Gunawardena	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>The Effects of Different Heating Methods on Emissions Produced</i>		

Central College Christian Academy, Westerville

Mr Ryan Schwieger	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>Potato Power: Can it Light the World?</i>		

Chesapeake MS, Chesapeake

Ms Katelyn Spears	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Killer Fruit 2</i>		

Mr Will Todd	OAS AWARD	Sponsored Awards -if any
Grade:8	Good	
Project Type: Individual		
Project Title: <i>Calming effect clothes have on cats</i>		

Chesapeake MS, Chesapeake

Ms Maddie Watts OAS AWARD
Excellent
Grade:8 Project Type: Individual
Project Title: *How Much Water Is Absorbed By Dried Beans?*

Sponsored Awards -if any

Circleville HS, Circleville

Ms Shalynn Ford OAS AWARD
Excellent
Grade:8 Project Type: Individual
Project Title: *Tru3 vs iST- Which Will Come Out On Top?*

Sponsored Awards -if any

Ms Abigail Travis OAS AWARD
Excellent
Grade:8 Project Type: Individual
Project Title: *Does Gender Affect the Way You Perceive Illusion?*

Sponsored Awards -if any

Columbia HS, Columbia Station

Ms Sara Aniol OAS AWARD
Superior
Grade:12 Project Type: Individual
Project Title: *Regional Stereotypes*

Sponsored Awards -if any

Mr Benjamin S Champagne OAS AWARD
Superior
Grade:9 Project Type: Individual
Project Title: *Using the SODIS Process to disinfect water*

Sponsored Awards -if any

Ms Ashleigh Honess OAS AWARD
Excellent
Grade:10 Project Type: Individual
Project Title: *Affect of Social Media on GPA*

Sponsored Awards -if any

Ms Kaitlin Pettegrew OAS AWARD
Excellent
Grade:10 Project Type: Individual
Project Title: *Digital Pinhole Camera*

Sponsored Awards -if any

Ms Jessica Saki OAS AWARD
Superior
Grade:10 Project Type: Individual
Project Title: *Gender and Reaction Time Correlations*

Sponsored Awards -if any

Ms Jordan Wasko OAS AWARD
Excellent
Grade:10 Project Type: Individual
Project Title: *Does Scoliosis Affect Males or Females More?*

Sponsored Awards -if any

Columbia HS, Columbia Station

Ms Natalie Wilkins	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>Whats your sign?</i>		

Columbia MS, Columbia Station

Ms Elise Aniol	OAS AWARD	Sponsored Awards -if any
Grade:5	Good	
Project Type: Individual		
Project Title: <i>Crystal Gardens</i>		

Mr William Hunt	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	028 1ST
Project Type: Individual		
Project Title: <i>No pain, Lots of game</i>		

Mr Coleman Robert Isner	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>How Does The Direction That Sound Waves Affect the Velocity/Distance That They Travel?</i>		

Columbian HS, Tiffin

Mr Colten Sarver	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>Nitinol Motor Without Water</i>		

Columbus Grove HS, Columbus Grove

Ms Karenna G Langhals	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	
Project Type: Individual		
Project Title: <i>The Effects of Nonsteroidal Anti-Inflammatory Agents on Cancer Cells</i>		

Conesville ES, Conesville

Ms Benni Winland	OAS AWARD	Sponsored Awards -if any
Grade:6	Good	
Project Type: Individual		
Project Title: <i>Aspirin: Does It Affect Plant Growth?</i>		

Coshocton HS, Coshocton

Ms Mary R Skelton	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	
Project Type: Individual		
Project Title: <i>Do Cats Have a Paw Preference?</i>		

Coy MS, Beavercreek

Mr Timothy Parson	OAS AWARD Excellent	Sponsored Awards -if any
Grade:6 Project Type: Team		
<i>Project Title: The Effects of Friction on Objects in Motion</i>		

Mr Shreyas Teegala	OAS AWARD Excellent	Sponsored Awards -if any
Grade:6 Project Type: Team		
<i>Project Title: The Effects of Friction on Objects in Motion</i>		

David H Ponitz Career Technology Center, Dayton

Ms Courtney Franchez Mitchem	OAS AWARD Superior	Sponsored Awards -if any
Grade:12 Project Type: Individual		
<i>Project Title: The Investigation of pGLO as a Transformation Process Using E. coli</i>		

Ms Cheyenne Hall	OAS AWARD Excellent	Sponsored Awards -if any
Grade:12 Project Type: Team		
<i>Project Title: The chemical analysis of drinking water through filtration</i>		

Mr Andrew Joseph Kerns	OAS AWARD Excellent	Sponsored Awards -if any
Grade:12 Project Type: Team		
<i>Project Title: The Extraction, Amplification and Sequencing of DNA from Fish.</i>		

Ms Alexis Knight	OAS AWARD Excellent	Sponsored Awards -if any
Grade:12 Project Type: Team		
<i>Project Title: The chemical analysis of drinking water through filtration</i>		

Ms Shadayah Lawrence	OAS AWARD Excellent	Sponsored Awards -if any
Grade:12 Project Type: Team		
<i>Project Title: The Analysis of Bottled Water as a Chemical Composition</i>		

Ms Destiny Cheyenne Peyton	OAS AWARD Excellent	Sponsored Awards -if any
Grade:12 Project Type: Team		
<i>Project Title: The Extraction, Amplification and Sequencing of DNA from Fish.</i>		

Ms Erica Pollard	OAS AWARD Excellent	Sponsored Awards -if any
Grade:12 Project Type: Team		
<i>Project Title: The Analysis of Bottled Water as a Chemical Composition</i>		

Dayton Islamic School, Beavercreek

Ms Jenna Abdelhamed **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Turbine arrangement

Ms Sanya Ikramuddin **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual No Show
Project Title: Cave Icicles

Ms Hannah Sabagh **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Excellent
Project Title: Crime Scene Chemistry

Dayton Regional STEM School, Kettering

Ms Lauren E Dalton **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior 175 SCH
Project Title: Ethanol Fuel: Changing the Percentage of Ethanol in Gasoline

Ms Shari E Gordnier **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Superior 148 2ND 235 1ST
Project Title: The Manipulation of Adolescent Self-Esteem through Exposure to Superhero Media

Ms Adya Kalpeshkumar Panchal **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior
Project Title: Variables in a Generator: 2

Ms Anjali Atul Phadke **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior 175 SCH 169 HM
Project Title: The Inhibition of E.coli

Ms Maya L Quale **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Excellent 019 SCH 072 HM
Project Title: Filtering for Humanity

Ms Emilee Weir **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior
Project Title: Lifting Wings- A Study of How Winglets Affect the Aerodynamic Properties of Airfoils

Dayton Regional STEM School, Kettering

Ms Elizabeth Brown	OAS AWARD	Sponsored Awards -if any
Grade: Project Type: Team	Excellent	
Project Title: <i>The Effect of Filtered LED Light on Plant Growth</i>		

Ms Clarissa Milligan	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Team	Excellent	
Project Title: <i>The Effect of Filtered LED Light on Plant Growth</i>		

DeColores Montessori, Greenville

Mr Ryan Ballou	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
Project Title: <i>A comparison between chickens with red feed and regular feed</i>		

Mr Anthony Masso-Rivetti	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
Project Title: <i>Glider Aircraft: Wingspan and Lift Force</i>		

Ms Natalie Milligan	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	
Project Title: <i>Rabbit Bedding</i>		

Donnell MS, Findlay

Ms Haleigh Qualls	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
Project Title: <i>Pinocchio's Arm</i>		

Dublin Coffman HS, Dublin

Ms Rama N Balasubramaniam	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Superior	145 1ST 148 1ST 192 SCH
Project Title: <i>The Mechanisms of Glioblastoma Migration in a Bioengineered 3D Brain Model</i>		

Mr Nishant M Pradhan	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Superior	072 1ST
Project Title: <i>Use of Biosand Filter in Water Purification</i>		

Dublin Jerome HS, Dublin

Mr Shivam Gangal Grade:9 Project Type: Individual Project Title: <i>Effects of Text Neck</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Vardaan Gangal Grade:11 Project Type: Individual Project Title: <i>The effect of increased MQTT security levels in an IOT system</i>	OAS AWARD Superior	Sponsored Awards -if any
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Mr Sriman R Marpadga Grade:11 Project Type: Individual Project Title: <i>Bioinformatic Analysis of Tissue specific Transcription factors in cellular programming</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Aishwarya Murali Grade:12 Project Type: Individual Project Title: <i>Synthesis of Polymeric Nanocomposites for Targeted Drug Release</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Dublin Scioto HS, Dublin

Mr Joel Jason David Grade:10 Project Type: Individual Project Title: <i>Off-target drug effects can be deadly and costly: How much can Bioinformatics help?</i>	OAS AWARD Good	Sponsored Awards -if any
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Mr Rakesh A Murugesan Grade:9 Project Type: Individual Project Title: <i>Exosomal microRNA: a biomarker and early diagnostics tool for Ovarian Cancer</i>	OAS AWARD Superior	Sponsored Awards -if any
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East Canton MS, E Canton

Mr Payton Phillips Grade:7 Project Type: Individual Project Title: <i>Are Certain Brands of Fishing Line Stronger Than Others?</i>	OAS AWARD Good	Sponsored Awards -if any
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East Community Learning Center, Akron

Ms Kaitlyn Hill Grade:10 Project Type: Team Project Title: <i>Juice Balls</i>	OAS AWARD Superior	Sponsored Awards -if any
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East Community Learning Center, Akron

Ms Stashia Jones	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	
Project Type: Team		
Project Title: Juice Balls		

East Muskingum MS, New Concord

Ms Megan Sherry	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: Electrolytes		

East Richland Christian School, St Clairsville

Mr Nathan J Bell	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: Keeping it Hot		

Ms Kamryn Conners	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: Hotdog Mummies		

Mr Owen Davis	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	228 2ND
Project Type: Individual		
Project Title: The Effects of Mt. Dew® on Chalk		

Mr Bry Dickinson	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: Melting Molecules		

Ms Bailey Gallagher	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	067 3RD
Project Type: Individual		
Project Title: Battery Life and Air Exposure		

Ms Kylie M Gallagher	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	079 HM 108 1ST 139 2ND
Project Type: Individual		
Project Title: Well Spacing and Production		

Ms Alina Handte	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: Finger Dexterity		

East Richland Christian School, St Clairsville

Mr Scott A Kuckuck Grade:7 Project Type: Individual Project Title: <i>How pH Affects Tooth Enamel</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Sarah E Lendon Grade:11 Project Type: Individual Project Title: <i>Childproof Locks</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Dayton Mayle Grade:5 Project Type: Individual Project Title: <i>Cooling Effect of Mint</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Nia Moore Grade:5 Project Type: Individual Project Title: <i>Boy Vs Girl Memory Recall</i>	OAS AWARD Excellent	Sponsored Awards -if any
Mr Timmy Joe Stoffer Grade:6 Project Type: Individual Project Title: <i>Can Wi-Fi Disrupt Sleep?</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Michael Taskalines Grade:6 Project Type: Individual Project Title: <i>Colorful Chromatography</i>	OAS AWARD Excellent	Sponsored Awards -if any
Mr Anthony Vcelka Grade:6 Project Type: Individual Project Title: <i>Bouncing Balls: Surface vs. Brands</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Eliana Watt Grade:7 Project Type: Individual Project Title: <i>Water Filtration: Activated Carbon vs. Sand</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Kaylynn E Yockey Grade:7 Project Type: Individual Project Title: <i>HEAT RESISTANCE OF INSULATION</i>	OAS AWARD Superior	Sponsored Awards -if any

Edwin H Greene Intermediate MS, Cincinnati

Mr Hari Murali	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>Studying the Effect of Yogurt on the Growth of Soybean Plant</i>		

Emerson ES, Westerville

Ms Colleen Lynch	OAS AWARD	Sponsored Awards -if any
Grade:5	Good	
Project Type: Individual		
Project Title: <i>Global Warming: How Much Do You Know?</i>		

Mr Graham Melko	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>Clean, Cleaner, Cleanest!</i>		

Mr Jonathan Stowers	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>Speedy Trombone Slide Lubricants</i>		

Emmanuel Christian Academy, Springfield

Ms Alison M Bachowski	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	
Project Type: Individual		
Project Title: <i>Examination of Oxidative Stress in Evergreen Trees</i>		

Evening Street ES, Worthington

Mr Cameron Smith	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	108 HM
Project Type: Individual		
Project Title: <i>Separation of Monomers in Polystyrene Foam</i>		

Everts MS, Circleville

Mr Riley Jenkins	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>How does the mixture affect the preservation of a fish</i>		

Mr Colton Pinkerton	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Are Big Batteries Better</i>		

Everts MS, Circleville

Mr Nick Rothe **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent 034 3RD
Project Title: The Effect of Different Types of Soda on Teeth

Ms Gretchen Search **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Can biomimicry of an owl's wing decrease the volume of a fan?

Fairfield Christian Academy, Lancaster

Ms Morgan Ament **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Do Vitamins Effect Plant Growth?

Ms Grace Barnhart **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Excellent
Project Title: Can Dog Saliva Decrease Growth in a Common Human Skin Bacteria?

Ms Rachel Crum **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Can Animal Blood Be Used As A Fertilizer?

Ms Madison Smith **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Excellent
Project Title: Do all liquids evaporate at the same rate?

Ms Eden Spangler **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Tooth Decay

Fairfield Local MS, Leesburg

Ms Abby Davis **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Good
Project Title: Dog Saliva Antibodies

Ms Ailean Duffie **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Superior 133 230 1ST
Project Title: Juglone Effects

Fairfield Local MS, Leesburg

Ms Mia Keeton

Grade:8 Project Type: Team
Project Title: Dog Saliva Antibodies

OAS AWARD
Good

Sponsored Awards -if any

Ms Saylor Priest

Grade:8 Project Type: Team
Project Title: Juglone Effects

OAS AWARD
Superior

Sponsored Awards -if any
133 1ST

Fairfield MS, Fairfield

Ms Katelyn Irene Owens

Grade:8 Project Type: Individual
Project Title: Field Of Force

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Nathan Craft

Grade:8 Project Type: Team
Project Title: Parachute Pandemonium

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Aaron Rapach

Grade:8 Project Type: Team
Project Title: Parachute Pandemonium

OAS AWARD
Excellent

Sponsored Awards -if any

Fairland HS, Proctorville

Ms Katrina Abbott

Grade:9 Project Type: Individual
Project Title: Filthy Lies

OAS AWARD
Good

Sponsored Awards -if any

Ms Adriana Clagg

Grade:9 Project Type: Individual
Project Title: Cognitive Color

OAS AWARD
Good

Sponsored Awards -if any

Ms Jenna Eubank

Grade:9 Project Type: Individual
Project Title: Decay of Hearts

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Victoria Hall

Grade:9 Project Type: Individual
Project Title: Mummification

OAS AWARD
No Show

Sponsored Awards -if any

Fairland HS, Proctorville

Mr Jason Prince Grade:12 Project Type: Individual Project Title: <i>Reaction Time</i>	OAS AWARD No Show	Sponsored Awards -if any
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Ms Kelsie Warnock Grade:9 Project Type: Individual Project Title: <i>Manipulating Magnets to Improve Generator Output</i>	OAS AWARD No Show	Sponsored Awards -if any
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Fairland MS, Proctorville

Ms Zoie Weinsweig Grade:6 Project Type: Individual Project Title: <i>Density Intensity</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Fairland West ES, Proctorville

Ms Raegan Fridley Grade:5 Project Type: Individual Project Title: <i>Dancing with the Senses</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Steeler Leep Grade:5 Project Type: Individual Project Title: <i>Memory and Motion</i>	OAS AWARD Superior	Sponsored Awards -if any 233 1ST
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Mr Noah Weinsweig Grade:5 Project Type: Individual Project Title: <i>The Big Chill</i>	OAS AWARD Good	Sponsored Awards -if any
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Fayetteville Perry MS, Fayetteville

Mr Holden Rigby Grade:8 Project Type: Individual Project Title: <i>E Cigarette vs Vape</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Ms Kennedy Short Grade:6 Project Type: Individual Project Title: <i>Seed Depth</i>	OAS AWARD Good	Sponsored Awards -if any
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Fort Jennings HS, Fort Jennings

Ms Brooke Hellman	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>What is the Best Method to prolong the life of Fresh Cut Flowers?</i>		

Frank B Willis Intermediate MS, Delaware

Mr Daniel Gabel	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Death to Bacteria! A Study of Metallic Bacterial Toxins</i>		

Ms Natalie Hohman	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Team		
Project Title: <i>Do Irlen Colored Filters Influence the Speed and Fluency of Reading?</i>		

Ms Julia Young	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Team		
Project Title: <i>Do Irlen Colored Filters Influence the Speed and Fluency of Reading?</i>		

Franklin Twp ES, Wooster

Ms Taylor E Schneider	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>THE GREAT STAIN DEBATE</i>		

Ms Emily Ann Yacapraro	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Which packing material is the best at protecting a fragile object?</i>		

Fredericktown HS, Fredericktown

Mr Ryan Matthews	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	059 2ND
Project Type: Individual		
Project Title: <i>Agricultural Robotics: Farming's Future</i>		

Ms Lauren Partington	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	
Project Type: Individual		
Project Title: <i>The Use of Prosthetic hands in softball</i>		

Garfield HS, Akron

Ms Leah Stanevich **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Excellent 051 1ST 136 HM 175 SCH
Project Title: The Effects of Climate Change on Bird Populations.

Geneva HS, Geneva

Ms Jamie C Bradbury **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior 061 1ST 080 HM 086 1ST 087
Project Title: Earthworms in the Treatment of Sewage Sludge

Ms Natalie M Frank **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior 053 1ST
Project Title: the use of recycled aggregate in concrete

Ms Vanessa S Frank **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Superior 008 SCH 080 3RD 090 1ST
Project Title: Organic Filtering of Animal Compost

Mr Kyle J Peck **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent 205 SCH
Project Title: A Soybean Plant's Best Friend: Water or Soil?

Ms Noel Armstrong **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Team Excellent
Project Title: The Position of Type "A" Aortic Dissections versus Type "B" Aortic Dissections

Ms Hannah L West **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Team Excellent
Project Title: The Position of Type "A" Aortic Dissections versus Type "B" Aortic Dissections

Geneva JS, Geneva

Ms Karlie L Bradbury **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual No Show
Project Title: Does Aspirin or Flower Food Help Keep Flowers Fresh Longer?

Ms Skyra N Brown **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: Which household materials have the most impact on Wi-Fi signal strength?

Geneva JS, Geneva

Ms Allison Nicole Frank **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Organic composting

Ms Alaina Cristine Metzler **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Who Can Resist Conductivity? Part II: A Study of Conductivity in Water Solutions

Ms Kathryn Mirabell **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior
Project Title: Fluid Friction and Cardiac Stress

Mr Alex Schroeder **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: Acidic Water

Mr Owen Schroeder **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Excellent 072 1ST
Project Title: Chlorine in Water

Mr Caleb Boland **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team Excellent
Project Title: Testing For An Efficient Speed Cube

Mr Nick Nappi **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team Excellent
Project Title: Testing For An Efficient Speed Cube

Genoa Christian Academy, Westerville

Ms Juniya Franks **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: The Effect of the Brand of Paper Towels on the Amount of Water Absorbed

Mr Jacob Gardner **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: How Does Blurred Vision Affect Video Game Performance?

Genoa MS, Westerville

Mr Daniel Dixon
Grade:7 Project Type: Individual
Project Title: *Dissolving Cod*

OAS AWARD
Superior

Harold C. Shaw Outstanding School Award

Sponsored Awards -if any

Ms Ashley Hockstok
Grade:7 Project Type: Individual
Project Title: *Illusions of Gender*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Aishwarya Ilangovan
Grade:7 Project Type: Individual
Project Title: *Acidity and Tea Staining of Teeth*

OAS AWARD
Superior

Sponsored Awards -if any
228 1ST

Ms Adriane E Thompson
Grade:8 Project Type: Individual
Project Title: *Studying the Mutagenic Effects of Glyphosate and Commercial Herbicide Using the Ames Test*

OAS AWARD
Superior

Sponsored Awards -if any
080 3RD

Ms Remi Schultz
Grade:8 Project Type: Team
Project Title: *Blowing Through the Test*

OAS AWARD
Superior

Sponsored Awards -if any

Ms Emily Smith
Grade:8 Project Type: Team
Project Title: *Blowing Through the Test*

OAS AWARD
Superior

Sponsored Awards -if any

Georgetown Jr/Sr HS, Georgetown

Ms Shelby S Griffith
Grade:12 Project Type: Individual
Project Title: *will mineral oil or a combination of mineral oil and an acid or base dissolve the persimmon the most?*

OAS AWARD
Superior

Sponsored Awards -if any

Glacier Ridge ES, Dublin

Ms Harini Akula
Grade:5 Project Type: Team
Project Title: *I Love Icecream but It doesn't Love Me- Understanding Lactose Intolerance*

OAS AWARD
Excellent

Sponsored Awards -if any

Glacier Ridge ES, Dublin

Ms Sumedha Kethini	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Team	Excellent	
Project Title: <i>I Love Icecream but It doesn't Love Me- Understanding Lactose Intolerance</i>		

Glandorf ES, Glandorf

Ms Grace Hoffman	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	
Project Title: <i>How Does Technology Affect a Person's Visual Acuity</i>		

Ms Aubrey Imm	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
Project Title: <i>How does Temperature of the Solar Panel's surface affect its Output Performance?</i>		

Mr Jeremy Leopold	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	
Project Title: <i>The Effect of Hog Manure on Nutrient Runoff</i>		

Mr Brandon Schroeder	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	
Project Title: <i>The Effect of Roof Truss on Strength</i>		

Ms Grace Turnwald	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
Project Title: <i>The Effect of Magnetic Fields on Planarian Worm Regeneration</i>		

Global Impact STEM Academy, Springfield

Mr Mustafa Haleem	OAS AWARD	Sponsored Awards -if any
Grade:10 Project Type: Individual	Superior	059 4TH
Project Title: <i>The Next Generation of LED Light Bulbs</i>		

Ms Allison R Sanders	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Individual	Superior	050 HM 134 HM
Project Title: <i>Macromolecule Composition of Dog Food</i>		

Granville MS, Granville

Mr Matthew J Doty	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>The effect of pitch type, pitch speed, and number of pitches on the chances of Tommy Johns Surgery for Major League Baseball pitchers</i>		

Greenville Sr HS, Greenville

Ms Francesca M Masso-Rivetti	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	
Project Type: Individual		
Project Title: <i>The Ultimatum Game: Economics and Emotional Intelligence</i>		

Mr Quintin E Muhlenkamp	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	079 1ST 108 1ST 139 2ND
Project Type: Individual		
Project Title: <i>The Hydraulic Conductivity of Frac Sand</i>		

Gross Schechter Day ES, Pepper Pike

Mr Gabriel Wolf	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	028 1ST
Project Type: Individual		
Project Title: <i>Does the Frequency of Exposure to a Subliminal Message Affect its Persuasive Ability?</i>		

Guardian Angels, Cincinnati

Mr Ian Burt	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Sugar on the Heart Rate of Daphnia</i>		

Ms Gretchen Fesenmeier	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>Paper Chromatography</i>		

Ms Christina Picklo	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Which type of water would rust black iron the most</i>		

Hamersville ES, Hamersville

Ms Rose Dean	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Precision Cooking</i>		

Hathaway Brown, Shaker Hts

Ms Sukhmani Kaur	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	145 2ND
Project Type: Individual		
Project Title: UMBILICAL CORD TISSUE DERIVED MESENCHYMAL STEM CELLS: THERAPEUTIC DEVELOPMENT FOR CYSTIC FIBROSIS.		

Hawken School, Gates Mills

Mr Ammar Lone	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	211 SCH
Project Type: Individual		
Project Title: Raman spectral classification of mineral and collagen bound water in bone as a novel predictor of bone strength		

Henry Karrer MS, Dublin

Ms Himani Akula	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: Swimming in Acid- Understanding The Effects of Ocean Acidification on Marine Animals		

Mr Hrishi Kousik	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: The Effects of Various Denaturants on Edible Protein Stability		

Mr Siddarth Mohan	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: Bioremediation using Duckweed in Fertilizer Runoff		

Mr Hrushi Muskula	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: Wi-if Speed And Connectivity		

Ms Mohini Parvate	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	080 1ST
Project Type: Individual		
Project Title: Controlling Algae Growth: To Bloom or Not To Bloom		

Mr Siddharth Rajagopal	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: PARACHUTES: IT'S ALL IN THE FALL: IMPACT OF SHAPES AND MATERIALS ON PARACHUTES		

Henry Karrer MS, Dublin

Ms Nikhita Srikanth	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>Fun With Ink</i>		

Herman K Ankeney MS, Beavercreek

Ms Amelia Leonard	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>Climate Change - a Global, National, or Local Issue?</i>		

Hicksville HS, Hicksville

Mr Ian Durre	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>The Effect of Heat on Resistance</i>		

Ms Dana Marie Metz	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	
Project Type: Individual		
Project Title: <i>The Effects of Live Plants on Goldfish Growth</i>		

Ms Katherine J Murphy	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	028 1ST 038 1ST
Project Type: Individual		
Project Title: <i>Analyzing Women's Representation in the Health Care Field on American Television from 1965-2015</i>		

Ms Micah Schroeder	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	079 HM
Project Type: Individual		
Project Title: <i>How Do Wind Turbines Affect Earth's Climate?</i>		

Highland HS, Sparta

Mr Justin A Thomas	OAS AWARD	Sponsored Awards -if any
Grade:9	No Show	
Project Type: Individual		
Project Title: <i>Follicular Development in Laying Hens</i>		

Hilltop HS, West Unity

Ms Brianna Bell	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	070 HM
Project Type: Individual		
Project Title: <i>The Effects of pH Levels on Calcium Structures in the Ocean</i>		

Hilltop HS, West Unity

Ms Colleen M Bell
Grade:11 Project Type: Individual
Project Title: The effect of cell phone radiation and ways to minimize exposure

OAS AWARD
Superior

Sponsored Awards -if any

Mr Joseph Reamsnyder
Grade:7 Project Type: Individual
Project Title: How does temperature affect the densities and specific gravities of freshwater, saltwater, canola oil and isopropyl alcohol and how does this compare to their boiling and freezing points?

OAS AWARD
Superior

Sponsored Awards -if any

Ms Abigail G Schaper
Grade:11 Project Type: Individual
Project Title: Gender Effects on First Impressions

OAS AWARD
Excellent

Sponsored Awards -if any
023

Ms Maddie Schaper
Grade:8 Project Type: Individual
Project Title: How the Type of Bat May Affect the Way a Bunted Ball Bounces

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Arleigh VanArsdalen
Grade:7 Project Type: Individual
Project Title: Does Static or Dynamic Have an Affect on an Athletes Performance

OAS AWARD
Excellent

Sponsored Awards -if any

Holy Angels, Sidney

Ms Ann Deafenbaugh
Grade:8 Project Type: Individual
Project Title: Do Men and Women See Differently?

OAS AWARD
Superior

Sponsored Awards -if any

Holy Family, Poland

Ms Caroline E Scharf
Grade:8 Project Type: Individual
Project Title: Wired

OAS AWARD
Excellent

Sponsored Awards -if any

Holy Spirit, Columbus

Ms Genevieve Pfister
Grade:8 Project Type: Individual
Project Title: Can Plants Take The Heat?

OAS AWARD
Superior

Sponsored Awards -if any

Holy Trinity, Avon

Ms Janey Fillmore	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: Casein Plastic		

Ms Mary Gassman	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: Which Cup Keeps Drinks Hottest and Coldest?		

Home Schooled - District 10,

Mr Lucas Hung	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: Guinea VTOL		

Home Schooled - District 4,

Mr Kotaro Kojima	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	108 HM 232 1ST
Project Type: Individual		
Project Title: Low-Emission Diesel Engines: Development of On-Board Water-in-Diesel Emulsion (WiDE) Fuel System Utilizing Ultrasonic Cavitation		

Home Schooled - District 7,

Mr Joshua David Alatis	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	080 HM 134 1ST
Project Type: Individual		
Project Title: Testing for Maximized Hydrogen Output Using Differing Sulfate & Chloride Solutions in the Electrolysis of Water		

Mr Bhargava Samanthula	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	134 HM
Project Type: Individual		
Project Title: Influence of Grain Size on Stress Evolution & Properties in Ag-Al Reflective Thin Films		

Horizon Science Academy, Cleveland

Ms Maryam Abbas	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: Natural vs Chemical		

Mr Batuhan Aslan	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	002 SCH
Project Type: Individual		
Project Title: Which Anti-Fungal Medicines' Anti-Fungal medicine is Most Effective on Fungus Disease		

Horizon Science Academy, Cleveland

Ms Yoly A Rodriguez **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual 031 1ST 034 1ST 169 1SCH
Project Title: The Mercury In Our Fructose

Mr Adedeji Tihamiyu **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: Fruit Power

Horizon Science Academy, Columbus

Ms Martha Cibasu **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent 034 HM
Project Title: Digesting Expired Milk

Mr Amr Elsayed **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: Does Different Color Walls Affect Concentration?

Ms Doua Mohammad **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Excellent
Project Title: does fabric softener make non flammable material flammable?

Horizon Science Academy, Lorain

Ms Isabel Bonilla **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent
Project Title: Would You Like Some Foam For Dinner?

Mr Krystian Garcia **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Good
Project Title: Waves All Around

Ms Aylisa Grenald **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent 019 SCH
Project Title: The Truth Hidden in the Urine

Ms Kiyal Keles **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent
Project Title: To Drink or Not To Drink: Ethanol Absorption by Pectin

Horizon Science Academy, Lorain

Ms Victoria Massa Grade:11 Project Type: Individual Project Title: <i>Rays of Hair</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Jاليا Smalley Grade:11 Project Type: Individual Project Title: <i>Sleep Tight</i>	OAS AWARD Superior	Sponsored Awards -if any 059 1ST
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Horizon Science Academy Dayton Dwntwn, Dayton

Ms Zeynab Pashayeva Grade:9 Project Type: Individual Project Title: <i>Chewing gum improves the cognitive ability of high school students</i>	OAS AWARD No Show	Sponsored Awards -if any
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Huber Heights City, Huber Hts

Ms Emma Mainord Grade:5 Project Type: Individual Project Title: <i>Gum vs. Gums</i>	OAS AWARD Superior	Sponsored Awards -if any
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Mr James Zbinden Grade:5 Project Type: Individual Project Title: <i>Robots</i>	OAS AWARD Excellent	Sponsored Awards -if any 055 1st
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Hudson HS, Hudson

Mr Harrshavasan Congivaram Grade:9 Project Type: Individual Project Title: <i>Binaural Beats: the future of sound therapy</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Ms Stuti Dalal Grade:9 Project Type: Individual Project Title: <i>Local Anesthesia Prevents Nerve Sprouting In a Culture Model of Inflammatory Pain</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Kevin Du Grade:10 Project Type: Individual Project Title: <i>Student Approval of Math Teachers Based on Teacher Qualities</i>	OAS AWARD Superior	Sponsored Awards -if any 175 SCH
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Hudson HS, Hudson

Mr Kyle Fuller Grade:9 Project Type: Individual Project Title: <i>Enamel Erosion</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Vladislav Hrosinkov Grade:10 Project Type: Individual Project Title: <i>SurfaceArea</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Lina Ikhlef Grade:9 Project Type: Individual Project Title: <i>The Effect of Microwave Radiation on Bacteria</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Corinne Kampman Grade:10 Project Type: Individual Project Title: <i>Pasteurized Milk, is it Better Than Raw Milk?</i>	OAS AWARD Good	Sponsored Awards -if any 175 SCH 169 HM
Mr Yuhan Kim Grade:9 Project Type: Individual Project Title: <i>Physiological Reactions to Failing or Succeeding at a Stressful Task</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Conner P Mullins Grade:9 Project Type: Individual Project Title: <i>The Effect of Aquaponics on Plant Growth</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Nathan P Mullins Grade:9 Project Type: Individual Project Title: <i>Air Pollution in Ohio Cities</i>	OAS AWARD Superior	Sponsored Awards -if any 070 2nd
Ms Feyza Nuray Mutlu Grade:10 Project Type: Individual Project Title: <i>Memory Tactics & Their Effects: Long-Term</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Nicole Neifert Grade:10 Project Type: Individual Project Title: <i>Facial Stereotypes and Feminism</i>	OAS AWARD Superior	Sponsored Awards -if any 028 1ST

Hudson HS, Hudson

Ms Zeynep Ozgur **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Superior 212 2ND 232 3RD
Project Title: Filosoph: An Intelligent System that Enhances Efficient Social Communication in Learning Environments, Part II

Mr Jacob Queiser **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior 108 HM 139 3RD 134 3RD
Project Title: Biodiesel: Dream Fuel?

Mr Alex Reichart **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior
Project Title: Diverted Route

Mr Anton Van De Motter **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior
*Project Title: Vocal Trans*formations: The Effect of Testosterone on the FTM Voice*

Mr John Wang **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: The Most Common Coping Strategy Used By Chemotherapy Patients

Ms Isabel Wu **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Superior 055 1st
Project Title: Multimedia Vocabulary Toolkit

Mr Justin Yun **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior
Project Title: Finding Max Efficiency Of Microbial Fuel Cells

Ms Kori Crookston **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Team Superior
Project Title: How the pH of Soil Affects Plants

Mr Alexander House **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Team Excellent
Project Title: Efficiency of Wires under varying resistances

Hudson HS, Hudson

Mr David Rich	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Team		
Project Title: <i>Efficiency of Wires under varying resistances</i>		

Ms Katherine Travis	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	
Project Type: Team		
Project Title: <i>How the pH of Soil Affects Plants</i>		

Hudson MS, Hudson

Ms Caroline Jung	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	221 HM
Project Type: Individual		
Project Title: <i>Complexity out of Simplicity : Discovery of Simple Patterns in Nature through Numerical Simulation</i>		

Mr Patrick Li	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	212 3RD
Project Type: Individual		
Project Title: <i>Smart Midnight Care</i>		

Mr Michael Scheeser	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Does Computer Usage Have a Short Term Effect on Long Distance Vision?</i>		

Huron HS, Huron

Mr Sam K Slutz	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	221
Project Type: Individual		
Project Title: <i>Ion Propulsion from Earth to Space</i>		

Hyatts MS, Powell

Mr Aryaman Dubey	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	178 1ST
Project Type: Individual		
Project Title: <i>Converting Static Energy into Electromagnetic Energy</i>		

Ms Rachel Hedderman	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	070 HM
Project Type: Individual		
Project Title: <i>Sinkholes</i>		

Hyre CLC, Akron

Mr Jordan Page	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Does Chewing Gum Really Clean Your Teeth?</i>		

Immaculate Conception, Columbus

Mr Alexander Smith	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Saltwater Energy (SWE)</i>		

Mr John Sullivan	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>How Fast Can You Crash?</i>		

Ms Isabelle Thomas	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>American Sign Language vs. a Spoken Language</i>		

Mr Andy Viola	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	030 136 HM
Project Type: Individual		
Project Title: <i>Fish on!</i>		

Incarnate Word Academy, Parma Hts

Harold C. Shaw Outstanding School Award

Mr Michael Biernacki	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Can a Neural Network Detect Cancerous Cells?</i>		

Ms Aileen Bracken	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	080 3RD
Project Type: Individual		
Project Title: <i>Does Fertilizer Improve the Growth Outcome of Hydroponic or Soil Grown Plants Better?</i>		

Mr Robert Pafford	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Speed Difference for Sending Data Over SFTP vs FTP</i>		

Incarnate Word Academy, Parma Hts

Mr Ferenc Somogyi	OAS AWARD	Harold C. Shaw Outstanding School Award
Grade:7	Superior	Sponsored Awards -if any
Project Type: Individual		136 1ST 190
Project Title: <i>The Use of Internet of Things Technology to Record the Feeding Frequency of Hummingbirds, the Drones of the Bird World</i>		

Incarnation, Centerville

Mr Nick Abuyuan	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Hot and Cold Magnets</i>		

Mr Derek Borsody	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Solar Flight</i>		

Mr Justin Boumalhab	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>What is the effect of temperature on enzyme activity?</i>		

Mr Matthew Buerschen	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	070 HM
Project Type: Individual		
Project Title: <i>Beet Juice vs. Salt</i>		

Ms Lauren Doorley	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Temperature and the Bond of Rubber Cement</i>		

Ms Christine Gulas	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Hair Color Stereotypes</i>		

Ms Rachael Stephanie Harker	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>E. coli and Radiation</i>		

Incarnation, Centerville

Ms Charlotte Kunesch **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:8 Project Type: Individual
Project Title: *Natural or Synthetic Cleaning Wipes*

Ms Peyton Kuntz **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *Horse Sense*

Ms Grace Mangold **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Chances Are...*

Ms Renee Palmer **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Colorful Heat: Do darker pigmented crayons disperse more than lighter pigmented crayons when melted for 5 minutes in a 200 degree F oven?*

Mr Nicholas Pitrof **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Ground Effect on Lift of an Airfoil*

Mr Ethan Stuart **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Path of a golf ball*

Indian Valley MS, Tuscarawas

Ms Justise Hartzler **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *How Does Your Sense of Smell Affect Your Taste?*

Mr Reese Saho **OAS AWARD** **Sponsored Awards -if any**
Good
Grade:8 Project Type: Individual
Project Title: *How Much Energy Can Be Recovered?*

International Academy of Cincinnati, West Chester

Ms Zane Charif **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Excellent
Project Title: Bridges

Mr Safwan Jaweed **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: Which soil foundation provides the most structural stability?

John C Dempsey MS, Delaware

Ms Rena Ouyang **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: An Enlightening Study of Luminol and Hydrogen Peroxide

Ms Elizabeth White **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: The Effects of Nuclear Radiation on Tomato Plants

John F Kennedy Catholic Lower School, Warren

Ms Leah Bajnok **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Excellent
Project Title: Which Cheese Grows Mold the Fastest?

Ms Isabella Shevetz **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Superior 228 2ND
Project Title: Which Whitening Toothpaste Works Best?

John Sells MS, Dublin

Mr Colin Green Gagne **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: A Comparative Analysis of the Brain's Reaction to Audio/Visual Stimulation on Computers

Mr Lohith Savardekar **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Exploring Time Dilation while approaching light speed

John Sells MS, Dublin

Mr Mukund Anand Seshadri	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	080 1ST
<i>Project Title: Going Green: Using plants to clean up gasoline (Phytoremediation of Total Petroleum Hydrocarbons in Gasoline using Brassica Rapa)</i>		

Ms Ria Singhal	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
<i>Project Title: Does Music Make You Sharper?</i>		

Kalida HS, Kalida

Ms Hannah Berheide	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
<i>Project Title: The Effects Of Capillary Action In Humid Conditions</i>		

Ms Jill Knueve	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	087 070 HM
<i>Project Title: The Effects of SPF Sunscreen on UV radiation</i>		

Mr Ryan Lucke	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
<i>Project Title: How Smell Affects Taste</i>		

Keene ES, Keene

Mr Alexander Griffith	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Good	
<i>Project Title: Power-Ade: It's Electric</i>		

Kilbourne MS, Worthington

Mr Luke Lasekan	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	079 HM
<i>Project Title: What conditions do crystals grow best in?</i>		

Kings HS, Kings Mills

Ms Grace N Palaparty	OAS AWARD	Sponsored Awards -if any
Grade:12 Project Type: Individual	Superior	
<i>Project Title: Bacteriophage Proliferation Dynamics</i>		

Kirkmere ES, Youngstown

Mr Jeremiah Leonard	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>Metals and Heat Conduction</i>		

L T Ball Intermediate ES, Tipp City

Ms Amelia Campbell	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>Does Temperature Effect Rising of Bread</i>		

Mr Max Dunaway	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>What is the best launch angle to get maximum distance out of a projectile?</i>		

Ms Isa Ramos	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>Organic Durable Dye</i>		

Ms Sydney Brown	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Team		
Project Title: <i>The Eggstastic Whitening Project</i>		

Ms Savy Dean	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Team		
Project Title: <i>The Effect of Soda on Tooth Erosion</i>		

Ms Nicole Strong	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Team		
Project Title: <i>The Effect of Soda on Tooth Erosion</i>		

Ms Emily Von Krosigk	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Team		
Project Title: <i>The Eggstastic Whitening Project</i>		

Lake MS, Millbury

Mr Aeden L Alder	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	221 HM
Project Type: Individual		
Project Title: <i>Mycfoam:Could it be a Viable Insulator?</i>		

Lake MS, Millbury

Mr Caleb S Gibson Grade:7 Project Title: <i>Battery Life: Testing to see if the memory effect exists</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Mackenna Gibson Grade:5 Project Title: <i>Ponytail Band Strength and Elasticity; Polyurethane vs. rubber with fabric</i>	OAS AWARD Superior	Sponsored Awards -if any 067 1ST
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Lake Ridge Academy, N Ridgeville

Ms Danielle Barrett Grade:8 Project Title: <i>Synesthesia- Battle of the Genders</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Ms Christina Marie Isckarus Grade:8 Project Title: <i>Which Type of Alcohol Is Most Effective In Killing Escherichia Coli?</i>	OAS AWARD Superior	Sponsored Awards -if any
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Lakewood Catholic Academy, Lakewood

Ms Chloe Becker Grade:8 Project Title: <i>Which Color of Pepper is the Healthiest?</i>	OAS AWARD No Show	Sponsored Awards -if any
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Ms Madeline Harden Grade:8 Project Title: <i>Does Peppermint Improve Reaction Times?</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Lillian Heywood Grade:8 Project Title: <i>Efficiency of Wicking Materials in Solar Distillars</i>	OAS AWARD No Show	Sponsored Awards -if any
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Ms Catherine Hilow Grade:7 Project Title: <i>The Chicken, The Egg, The Truth</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Ms Jane Matousek Grade:7 Project Title: <i>A Cookie Catastrophy</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Lakewood Catholic Academy, Lakewood

Mr Fitzpatrick Metzger **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Supercharged Organic Batteries

Ms Alyssa Olivera Cerpa **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: Which type of water will let tulips last the longest

Ms Isabel Stevens **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent 061 3RD
Project Title: How Clean is Your Water ?

Lakewood MS, Hebron

Ms Emma Graham **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior
Project Title: Investigating the Natural Color of a Flower Using Electrophoresis

Ms Trinity Lieser **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior
Project Title: Music on the Brain

Lehman Catholic HS, Sidney

Mr Alex Gleason **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: Do Solutes Affect the Diamagnetism of Water?

Ms Caroline Heitmeyer **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Superior 034 HM
Project Title: Which Type of Oil Has the Highest Saturated Fat Content?

Ms Meaghan McDonald **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Excellent
Project Title: High Frequencies

Ms Megan Neumeier **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Superior 031 2ND
Project Title: The Effects of Lactase Supplements on Lactose

Lehman Catholic HS, Sidney

Ms Jacquie Schemmel Grade:9 Project Type: Individual Project Title: <i>An Exploration of Bioluminescence</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Brianna Werling Grade:9 Project Type: Individual Project Title: <i>Shaping Your Thoughts</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Liberty Union MS, Baltimore

Mr Jakob Burkett Grade:8 Project Type: Individual Project Title: <i>The Fastest Rubik's Cube</i>	OAS AWARD Superior	Sponsored Awards -if any
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Mr Derek Burns Grade:8 Project Type: Individual Project Title: <i>Bridge Strength</i>	OAS AWARD Excellent	Sponsored Awards -if any
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Mr Ethan Kaper Grade:8 Project Type: Individual Project Title: <i>The Factors of Corn Germination</i>	OAS AWARD Superior	Sponsored Awards -if any 080 HM
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Mr Tucker Meachem Grade:8 Project Type: Individual Project Title: <i>Chicken Dietary Preferences</i>	OAS AWARD Superior	Sponsored Awards -if any
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Loudonville Jr HS, Loudonville

Ms Brianna Carr Grade:8 Project Type: Individual Project Title: <i>Growth Rate of Crested Geckos</i>	OAS AWARD Superior	Sponsored Awards -if any
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Ms Sarah Carroll Grade:8 Project Type: Individual Project Title: <i>Multitasking: Can You?</i>	OAS AWARD Superior	Sponsored Awards -if any
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Mr Alexander Gribble Grade:8 Project Type: Individual Project Title: <i>Cleaning Up Oceanic Oil Spills</i>	OAS AWARD Superior	Sponsored Awards -if any 108 HM
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Louisville HS, Louisville

Ms Amanda E Janecek **OAS AWARD** **Sponsored Awards -if any**
Grade: 12 Project Type: Individual Superior 134 3RD
Project Title: An Analysis of Potato Bioplastic

Ms Madeline M Moser **OAS AWARD** **Sponsored Awards -if any**
Grade: 11 Project Type: Individual Superior 002 SCH 023
Project Title: The Effect of Visual Deficiencies on the Visual Perception of Adults

Ms Andrea J Oprandi **OAS AWARD** **Sponsored Awards -if any**
Grade: 12 Project Type: Individual Excused
Project Title: Isolation of Triclosan and Antibiotic Resistant Bacteria from Home and School Environments

Mr Dylan Walczak **OAS AWARD** **Sponsored Awards -if any**
Grade: 10 Project Type: Individual Superior
Project Title: Filtered Advertisements vs Teenagers' Perception

Ms Frances A Zwick **OAS AWARD** **Sponsored Awards -if any**
Grade: 12 Project Type: Individual Superior
Project Title: The Effects of Crosslinking on the Mending Rate in Self-healing Copolymers

Mr Jacob Sanford **OAS AWARD** **Sponsored Awards -if any**
Grade: 11 Project Type: Team Excellent
Project Title: The Effect of Hull Design on Blast Deflection

Mr Jerod W Warren **OAS AWARD** **Sponsored Awards -if any**
Grade: 11 Project Type: Team Excellent
Project Title: The Effect of Hull Design on Blast Deflection

Lynchburg-Clay HS, Lynchburg

Mr Hunter Ellis **OAS AWARD** **Sponsored Awards -if any**
Grade: 9 Project Type: Individual Excellent
Project Title: Illusions and Their Effect on the Brain

Madison Christian School, Groveport

Mr Logan Overman **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Good
Project Title: Does a garden plant grow better in a aquaponics system or in conventional planting soil?

Mr Carson Phillips **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior
Project Title: Stressful Colors

Mansfield Senior HS, Mansfield

Ms Anastasia Axiopoulos **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent
Project Title: Growing Plants Using Different Methods: Hydroponics, Cotton, & Mulch

Ms Joslynn Odom **OAS AWARD** **Sponsored Awards -if any**
Grade:9 Project Type: Individual Excellent
Project Title: Subliminal Messaging

Mapleton ES, Ashland

Ms Bailey Davis **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team Excellent
Project Title: Which flour tastes best in a chocolate chip cookie

Mr Evan Dennison **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team Excellent
Project Title: Frozen Liquids

Ms Kiana Foran **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team Superior
Project Title: Does color effect the taste of food?

Mr Luke Hartzler **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team Superior
Project Title: Sugar-Free Breath Mints Promote Bacteria Growth in Your Mouth - But a Kiss From Your Dog May Be Worse

Mr Casey Hubler **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team Excellent
Project Title: Frozen Liquids

Mapleton ES, Ashland

Ms Baylee Lowery **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team
Project Title: *Does Color Affect Taste*
Superior

Ms Brytni Rogers **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team
Project Title: *Which flour tastes best in a chocolate chip cookie*
Excellent

Mr Cameron Sloter **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team
Project Title: *Sugar-Free Breath Mints Promote Bacteria Growth in Your Mouth - But a Kiss From Your Dog May Be Worse*
Superior

Mapleton MS, Ashland

Mr Ryan K Dull **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual
Project Title: *Look and Don't See*
Excellent

Ms Kathryn R Recker **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual
Project Title: *Rethink Your Drink*
Excellent

Mariemont ES, Cincinnati

Ms Zoe Copetas **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team
Project Title: *When Proofing Yeast Which Glucose Proofs More Yeast?*
Excellent

Ms Alexandra Purdy **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team
Project Title: *When Proofing Yeast Which Glucose Proofs More Yeast?*
Excellent

Marlington HS, Alliance

Ms Cassidy Kempthorne **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual
Project Title: *Knot Worthy*
Superior

Marlington HS, Alliance

Ms Alyssa Viscounte **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual 031 3RD 034 1ST 175 SCH
Project Title: That Is a Latte Caffeine

Ms Ashley Baldwin **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Team Excellent
Project Title: Name Brand Verses Generic Brand

Ms Sophia Bowe **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Team Excellent
Project Title: Effectiveness of Antacids In Neutralizing Stomach Acid

Ms Madison Knapp **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Team Excellent
Project Title: Name Brand Verses Generic Brand

Ms Krissy Tarter **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Team Excellent
Project Title: Effectiveness of Antacids In Neutralizing Stomach Acid

Marysville HS, Marysville

Ms Addyson J Miller-Brown **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior
Project Title: Environmental Factors and Developmental Disabilities: A Connection?

Mason MS, Mason

Ms Sanchita Paranthaman **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: I Excellent
Project Title: Effects of Sleep Deprivation and high fat diet on body weight gain

Ms Laalitya Acharya **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent 232 2ND
Project Title: MineBot - Mine Detecting Robot

Mr Arvind Prasad **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior 148 2ND
Project Title: Effectiveness of Natural Products in Blocking the UV(Ultraviolet) Radiation

Mason MS, Mason

Mr Anant Ramji **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior 028 2ND
Project Title: Natural Stress Reduction- Impact of sound frequency on stress

Mr Vishnu Avanthsa **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team Superior
Project Title: Electrolysis

Ms Jinal Karani **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Superior
Project Title: Battle of the Sexes (Short Term Memory in Teens)

Mr Arnav Mantro **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team Superior
Project Title: Electrolysis

Ms Shriya Penmetsa **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Superior
Project Title: Battle of the Sexes (Short Term Memory in Teens)

Maumee Valley Country Day, Toledo

Mr Muhammed Abdel-Ghani **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior 087
Project Title: Cow Power - Methane Gas and Everyday Trash

McCormick MS, Huron

Ms Aubree Steinmetz **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Good
Project Title: The Chameleon Effect

Mentor HS, Mentor

Mr Ronan Charles Bracken **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Superior 232 3rd
Project Title: Understanding the Gastrulation Defects in Wnt Signaling Ablated Embryos using Mice Embryonic Stem Cells

Mentor HS, Mentor

Ms Alison Kennedy Grade: 11 Project Type: Individual Project Title: <i>Determining the Best Film for Organic Field-Effect Transistors from Contact Angle</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Logan Leak Grade: 12 Project Type: Individual Project Title: <i>The effect of aging on naive and memory T cell subsets</i>	OAS AWARD Superior	Sponsored Awards -if any 148 1ST
Mr Omar Mansour Grade: 12 Project Type: Individual Project Title: <i>A Volumetric Explanation for Observed Differences in Surfactant Effectiveness</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Corrin Nemeckay Grade: 11 Project Type: Individual Project Title: <i>Folic Acid Rescues Cardiac Function</i>	OAS AWARD Excellent	Sponsored Awards -if any 145 3RD 169 HM
Mr Dominic Oddo Grade: 12 Project Type: Individual Project Title: <i>A statistical analysis of the solving of the Drake equation</i>	OAS AWARD Superior	Sponsored Awards -if any 221 HM
Mr Ruchin Patel Grade: 12 Project Type: Individual Project Title: <i>The Effect of Varying Concentrations of B. atrophaeus on the Prevacuum Steam Sterilization Resistance of Dual Microbe Biological Indicators Consisting of G. stearothermophilus and B. atrophaeus</i>	OAS AWARD No Show	Sponsored Awards -if any
Mr Caleb Rykaczewski Grade: 11 Project Type: Individual Project Title: <i>Preventing the Spread of Avian Influenza</i>	OAS AWARD Superior	Sponsored Awards -if any 019 SCH
Ms Andrea Wardeiner Grade: 12 Project Type: Individual Project Title: <i>Using additives to reduce the surface tension of latex binders and increase the functionality of nonwoven filter paper</i>	OAS AWARD Excellent	Sponsored Awards -if any 058 2ND 106 2ND
Ms Keara Weiss Grade: 12 Project Type: Individual Project Title: <i>The Impact of the Duration of Stay in a Subacute Physical Therapy Rehabilitation Facility on Meaningful Improvement in Comfortable Gait Speed</i>	OAS AWARD Excellent	Sponsored Awards -if any

Miami Valley Career Tech Ctr, Clayton

Mr Casey Jackson **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual
Project Title: Bowling: Better without the ball?
Excellent

Mr Parker Wilken **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual
Project Title: The Effects of Hunger on Mood and Performance
Excellent 034 3RD 023

Miami Valley Career Tech JVSD, Clayton

Ms Jayna Lee **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual
Project Title: Does where you're from affect your risks and protections from harm?
Superior

Miller South Perf Visual & Arts School, Akron

Ms Victoria Adkins **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team
Project Title: Lemons Vs. Potatoes which conducts more electricity
Excellent

Ms Juliet Eagon **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team
Project Title: Lemons Vs. Potatoes which conducts more electricity
Excellent

Milton-Union HS, W Milton

Ms Abby Hissong **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual
Project Title: An Analysis of Seed Germination and Growth at Different Temperatures
Superior

Minerva MS, Minerva

Mr Ian A Beard **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual
Project Title: How Music Affects Physical Performance
Excellent

Ms Sierra Amatangelo **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team
Project Title: The Effects of Age on the Trampoline Effect of a Demarini Bat
No Show

Minerva MS, Minerva

Ms Gina Slentz	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Team	No Show	
Project Title: <i>The Effects of Age on the Trampoline Effect of a Demarini Bat</i>		

Minford MS, Minford

Mr Barrett VanSickle	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	Superior	
Project Title: <i>Colorfully Calming Chameleons</i>		

Montgomery Co ESC, Dayton

Ms Neeti Prasad	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	079 3RD 070 HM
Project Title: <i>Tsunami Hits the Shore: Effect of Water Depth and Size/Shape on Speed and Amplitude</i>		

Mr Vidur T Prasad	OAS AWARD	Sponsored Awards -if any
Grade:12 Project Type: Individual	Superior	
Project Title: <i>Traffic Camera Dangerous Driver Detection (TCD3)</i>		

Ms Danielle L Spanbauer	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Superior	
Project Title: <i>Influenza Vaccine Effectiveness</i>		

Monticello ES, Huber Hts

Mr Peyton Roberts	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	Excellent	
Project Title: <i>Suspension Bridges & Resonant Frequency: A Whole Lot of Shakin' Goin' On</i>		

Mother Teresa Catholic, Liberty Twp

Ms Marianne Cano	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>Do ethnicity or culture affect the tolerance level of spicy foods?</i>		

Ms Caitlin Jimmar	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>The Study of how genetically modified, Roundup Ready seeds respond to Roundup herbicide in comparison to non-modified seeds.</i>		

Mother Teresa Catholic, Liberty Twp

Ms Adrienne Kelly	OAS AWARD Excellent	Sponsored Awards -if any
Grade:7	Project Type: Individual	
Project Title:	<i>How do particular combinations of materials compost when exposed to different conditions and what mixture of carbon and nitrogen-rich ingredients compost the fastest?</i>	

Ms Adreanna Oelrich	OAS AWARD Superior	Sponsored Awards -if any
Grade:7	Project Type: Individual	
Project Title:	<i>Which clothing fabrics are best at blocking out ultraviolet rays?</i>	

Ms Ashley Schwind	OAS AWARD Superior	Sponsored Awards -if any
Grade:7	Project Type: Individual	
Project Title:	<i>How will crystal growth be affected by temperature?</i>	

Ms Emma Trusock	OAS AWARD Superior	Sponsored Awards -if any
Grade:7	Project Type: Individual	
Project Title:	<i>A Study on the Absorbency and Durability of Paper Towels</i>	

Mt Vernon HS, Mt Vernon

Mr Sulekh Frederic Fernando-Peiris	OAS AWARD Superior	Sponsored Awards -if any 067 2ND
Grade:10	Project Type: Individual	
Project Title:	<i>A label-free Optical Technique to Detect Protein-Protein Binding</i>	

Ms Mary Harris	OAS AWARD Superior	Sponsored Awards -if any 019 SCH 234 1ST
Grade:10	Project Type: Individual	
Project Title:	<i>The Effect of Larval Host Bean on Egg Laying Preference of Bean Beetles (Callosobruchus Maculatus)</i>	

Nagel MS, Cincinnati

Ms Sydney Smith	OAS AWARD Superior	Sponsored Awards -if any
Grade:7	Project Type: Individual	
Project Title:	<i>What mouisturizer traps moisture the best?</i>	

National Inventor's Hall of Fame STEM HS, Akron

Mr Jackson K Tankersley	OAS AWARD Superior	Sponsored Awards -if any 072 2ND 175 SCH
Grade:10	Project Type: Individual	
Project Title:	<i>The Bactericidal Effect of Green Coconut Water on E. coli-Contaminated Drinking Water</i>	

Nativity School, Cincinnati

Mr Adam Goodrich
Grade:6 Project Type: Individual
Project Title: *Tapping into Water Taste*

OAS AWARD
Excellent

Sponsored Awards -if any
072 2ND

Mr Jackson Glass
Grade:6 Project Type: Team
Project Title: *The Dog Dietician*

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Kyle Guyer
Grade:6 Project Type: Team
Project Title: *The Dog Dietician*

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Gio Minghetti
Grade:6 Project Type: Team
Project Title: *The Dog Dietician*

OAS AWARD
Excellent

Sponsored Awards -if any

New Albany 2-5 ES, New Albany

Ms Abigail Chattos
Grade:5 Project Type: Individual
Project Title: *What is the best way to preserve strawberries?*

OAS AWARD
Superior

Sponsored Awards -if any

Ms Sofia Gagliardi
Grade:5 Project Type: Individual
Project Title: *Which Liquid Stops Apples from Browning*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Olivia Granger
Grade:5 Project Type: Individual
Project Title: *Electromagnetic Fields - Making Magnets from Batteries*

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Manas Nair
Grade:5 Project Type: Individual
Project Title: *Anaerobic Digestion & Biogas Production*

OAS AWARD
Superior

Sponsored Awards -if any
108 HM

Ms Ashley Apple
Grade:5 Project Type: Team
Project Title: *Natural Disaster Damage*

OAS AWARD
Superior

Sponsored Awards -if any

New Albany 2-5 ES, New Albany

Ms Shikha Iyer	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Team		
Project Title: <i>Natural Disaster Damage</i>		

New Albany HS, New Albany

Ms Anitra Karthic	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	
Project Type: Individual		
Project Title: <i>Linking Tumors and Immune Privileged Sites</i>		

Mr Kavin S Vedamoorthy	OAS AWARD	Sponsored Awards -if any
Grade:10	Good	019 SCH 080 3RD 087 139 3RD 175 SCH
Project Type: Individual		
Project Title: <i>Enhancement of Crude Oil Phytoremediation using Biodiesel: A Comparative Assessment of Plant Metabolites</i>		

Ms Alice Tan	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Team		
Project Title: <i>Detection of an Antibiotic(s) Produced by Lactobacillus brevis</i>		

Ms Jennie Zhang	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Team		
Project Title: <i>Detection of an Antibiotic(s) Produced by Lactobacillus brevis</i>		

New Albany MS, New Albany

Mr Declan Freedhoff	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Team		
Project Title: <i>Origametry</i>		

Mr Sanjit Reddy	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Team		
Project Title: <i>Origametry</i>		

Newcomerstown HS, Newcomerstown

Ms Brea Garretson	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>Do Divergent Amounts of Vitamin D Affect Plant Growth Differently?</i>		

Newton ES, Pleasant Hill

Mr Matthew Koon	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>Shrinking Glaciers and Marine Life</i>		

Nightingale Montessori Inc, Springfield

Mr Zachary Weaver	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	055 2nd
Project Type: Individual		
Project Title: <i>Which Programming Language is the Fastest?</i>		

Niles MS, Niles

Ms Tiffany Lewis	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Team		
Project Title: <i>how to train parakeets</i>		

Ms Jacqueline Wilder	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Team		
Project Title: <i>how to train parakeets</i>		

North Adams HS, Seaman

Mr Elijah Siders	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Using a potato gun which length of pipe will shoot the potato farthest?</i>		

Ms Madison C Siders	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	
Project Type: Individual		
Project Title: <i>Can the concentration of a liquid be determined using a laser?</i>		

Ms Rachel Bolen	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Team		
Project Title: <i>Can People Distinguish The Different Flavors Of Jellybeans Without Their Sense Of Smell?</i>		

Ms Alyssa Mays	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Team		
Project Title: <i>Which gender has a better short-term memory?</i>		

North Adams HS, Seaman

Ms Madison Richey	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Team	Excellent	
Project Title: <i>Can People Distinguish The Different Flavors Of Jellybeans Without Their Sense Of Smell?</i>		

Mr Jaden Smith	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Team	Superior	
Project Title: <i>Which gender has a better short-term memory?</i>		

North Olmsted MS, N Olmsted

Ms Kileigh Zielinski	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
Project Title: <i>Energy Nut: What Type of Nut Gives the Body the Most Energy?</i>		

Northeastern HS, Springfield

Mr Logan Brown	OAS AWARD	Sponsored Awards -if any
Grade:10 Project Type: Individual	Excellent	175 SCH
Project Title: <i>How secure is your password: Teens vs. Adults</i>		

Northwestern ES, W Salem

Ms Avery Lynn Garver	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
Project Title: <i>5 Second Rule</i>		

Ms Julia Ours	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	No Show	
Project Title: <i>Eyewitness Testimony</i>		

Ms Macie Sexten	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Good	
Project Title: <i>Preferences in Milk Types</i>		

Ms Morgan Sexten	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	Excellent	
Project Title: <i>Comparison Of Activity Tracking Devices</i>		

Northwestern ES, W Salem

Ms Paige Walter	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>which ODOT chemical melts ice the quickest</i>		

Ms Mary Wellert	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>what cleaning product is best for cleaning teeth</i>		

Northwestern HS, W Salem

Ms Bailey Adler	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	236 SCH 169 HM
Project Type: Individual		
Project Title: <i>Identifying a Natural Mutation in the Promoter Region of the SOV 1 Locus in a Solanum lycopersicum Variant</i>		

Ms Emily N Bouffard	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>Student Analysis of Fiction</i>		

Mr Marshall Geiger	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	
Project Type: Individual		
Project Title: <i>How Does Environmental Factors Influence Equine Water Consumption</i>		

Ms Audra Rose Gill	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	
Project Type: Individual		
Project Title: <i>The Impact of Hemagglutinin and Neuraminidase Protein Differentiations on the Overall Vaccine Efficiency of Influenza Vaccines</i>		

Ms Emily Herbst	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	
Project Type: Individual		
Project Title: <i>What is the Significance of Singular Points in Latent and Reference Fingerprints Using Dusting Techniques</i>		

Mr Nick Hinton	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	
Project Type: Individual		
Project Title: <i>The innovation of the Knee Pad and Brace for Contact Sports</i>		

Northwestern HS, W Salem

Ms Katherine Koontz **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:9 Project Type: Individual
Project Title: *The Ability to Determine a Greater Percentage of a Rabbit's Genotype by Using the Phenotypes of the Rabbit's Offspring*

Mr Josh David Melegari **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:12 Project Type: Individual
Project Title: *Chemical Absorption Using Passive Sampling Technology*

Mr Brevin Alexander Shearer **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:12 Project Type: Individual
Project Title: *The Effects of Blood Type and Anticoagulant Drug on Blood Clotting*

Ms Olivia Wakefield **OAS AWARD** **Sponsored Awards -if any**
Good
Grade:9 Project Type: Individual
Project Title: *Protecting Cacao Trees with Genetic Breeding*

Ms Kaci Way **OAS AWARD** **Sponsored Awards -if any**
Superior 019 SCH 050 1ST
Grade:12 Project Type: Individual
Project Title: *Environmental and Contagious Pathogens in Dairy Cows with High and Low Somatic Cell Counts*

Mr Kyle W B Hinton **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:12 Project Type: Team
Project Title: *The Hotter Cooler Lunch Box*

Mr Kyle Mireiter **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:12 Project Type: Team
Project Title: *Heated Mug Design*

Mr James N Volcansek **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:12 Project Type: Team
Project Title: *Heated Mug Design*

Mr Jesse Wurm **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:12 Project Type: Team
Project Title: *The Hotter Cooler Lunch Box*

Northwestern MS, W Salem

Ms Morgan McCoy

Grade:7 Project Type: Individual

Project Title: *Going Bananas*

OAS AWARD

Excellent

Sponsored Awards -if any

Ms Halie O'Loughlin

Grade:7 Project Type: Team

Project Title: *Stay Fit... Exercise!*

OAS AWARD

Excellent

Sponsored Awards -if any

Ms Haley Wilson

Grade:7 Project Type: Team

Project Title: *Stay Fit... Exercise!*

OAS AWARD

Excellent

Sponsored Awards -if any

Notre Dame School, Chardon

Ms Meghan Bhanoo

Grade:10 Project Type: Individual

Project Title: *ReLax*

OAS AWARD

Superior

Sponsored Awards -if any

Oakstone Academy, Westerville

Ms Alexandra Hadaway

Grade:10 Project Type: Individual

Project Title: *How temperature affects the glow of luminol*

OAS AWARD

Superior

Sponsored Awards -if any

Mr Maxwell Valentine

Grade:8 Project Type: Individual

Project Title: *Which airplane generates the greatest amount of lift*

OAS AWARD

Excellent

Sponsored Awards -if any

Ms Jayme Chase

Grade:10 Project Type: Team

Project Title: *Dissolving Muscle and Bone*

OAS AWARD

No Show

Sponsored Awards -if any

Mr Jayden Dailey

Grade:10 Project Type: Team

Project Title: *Dissolving Muscle and Bone*

OAS AWARD

No Show

Sponsored Awards -if any

Ms Sydni Johnson

Grade:10 Project Type: Team

Project Title: *Dissolving Muscle and Bone*

OAS AWARD

No Show

Sponsored Awards -if any

Oakwood MS, Canton

Mr Mitchell Amos Grade:7 Project Title: <i>Color v.s. Heat</i>	Project Type: Individual	OAS AWARD Excellent	Sponsored Awards -if any
Mr Jacob Boyett Grade:8 Project Title: <i>Absorption of CO2 by Plants</i>	Project Type: Individual	OAS AWARD Excellent	Sponsored Awards -if any
Mr Chad Brechbuhler Grade:8 Project Title: <i>Effect of Fuel Types on PAHs in Grilled Meat</i>	Project Type: Individual	OAS AWARD Excellent	Sponsored Awards -if any
Ms Darby Curran Grade:7 Project Title: <i>Different Materials Used to Soundproof</i>	Project Type: Individual	OAS AWARD Excellent	Sponsored Awards -if any
Mr Drew Ely Grade:8 Project Title: <i>The Affect of Salinity on Surface Tension</i>	Project Type: Individual	OAS AWARD Superior	Sponsored Awards -if any
Ms Claire Foltz Grade:8 Project Title: <i>i-Ready Scores in Correlation to Critical Thinking Skills</i>	Project Type: Individual	OAS AWARD Superior	Sponsored Awards -if any
Mr Zachary Geiger Grade:7 Project Title: <i>The Effect Saltwater has on Metal Corrosion</i>	Project Type: Individual	OAS AWARD Excellent	Sponsored Awards -if any
Mr Zach Sieverts Grade:7 Project Title: <i>How Much Vitamin C is in Orange Juice?</i>	Project Type: Individual	OAS AWARD Superior	Sponsored Awards -if any
Ms Kaylee Speaker Grade:8 Project Title: <i>The Missing Piece</i>	Project Type: Individual	OAS AWARD Superior	Sponsored Awards -if any

Ohio Virtual Academy, Toledo

Ms Grace M Dria	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: Preventing Apple Oxidation		

Olentangy Liberty HS, Delaware

Mr Shivatej Dubbaka	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	147 2ND
Project Type: Individual		
Project Title: Simulation of the Containment of H.pylori with Random Walk Statistics		

Ms Swathi S Murthy	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	
Project Type: Individual		
Project Title: Studying electron configuration using Demorgan's law: Application of Boolean Algebra in Chemistry		

Olentangy Shanahan MS, Lewis Center

Ms Priyanka Agochiya	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: Melting of Candles		

Ms Abigail Harrell	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: Energy: Which battery lasts the longest in a flashlight?		

Ms Devi Dheekshita Nelakurti	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: What method of cleaning up an oil spill is the most efficient?		

Ms Isha Sawhney	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	038 3RD
Project Type: Individual		
Project Title: Bad For Your Teeth?		

Mr Samanvith Thotapalli	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: Biomass Energy		

Mr TejaSai Amathi	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Team		
Project Title: AERODYNAMIC LIFT WITH WIND TUNNELS		

Olentangy Shanahan MS, Lewis Center

Mr Jacob G R Carlson **OAS AWARD** **Sponsored Awards -if any**
 Superior
Grade:8 Project Type: Team
Project Title: Effects of Temperature on Protozoa

Mr Samuel J Coogle **OAS AWARD** **Sponsored Awards -if any**
 Superior
Grade:8 Project Type: Team
Project Title: Effects of Temperature on Protozoa

Mr Brody A Moore **OAS AWARD** **Sponsored Awards -if any**
 Superior
Grade:8 Project Type: Team
Project Title: Effects of Temperature on Protozoa

Mr Dakshin Pisini **OAS AWARD** **Sponsored Awards -if any**
 Excellent
Grade:6 Project Type: Team
Project Title: AERODYNAMIC LIFT WITH WIND TUNNELS

Ottawa Hills HS, Toledo

Mr Ishan Khare **OAS AWARD** **Sponsored Awards -if any**
 Excellent
Grade:7 Project Type: Individual
Project Title: Dependence of Solar Cell Efficiency on Color of Light

Ms Zara Ahmed **OAS AWARD** **Sponsored Awards -if any**
 Excellent
Grade:9 Project Type: Team
Project Title: Bacterial Growth on Chipped Dishes v.s. Bacterial Growth on Intact Dishes

Mr Joe Boesel **OAS AWARD** **Sponsored Awards -if any**
 Excellent
Grade:9 Project Type: Team
Project Title: How much bacteria are really on your mouth guard?

Ms Neha Kazmi **OAS AWARD** **Sponsored Awards -if any**
 Excellent
Grade:9 Project Type: Team
Project Title: Bacterial Growth on Chipped Dishes v.s. Bacterial Growth on Intact Dishes

Mr James Silk **OAS AWARD** **Sponsored Awards -if any**
 Superior
Grade:9 Project Type: Team
Project Title: How much bacteria are really on your mouth guard?

Ottoville ES, Ottoville

Ms Nicole Knippen	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	090 1ST
Project Type: Individual		
Project Title: <i>Finding the Best Drainage System for Crop Residue Runoff</i>		

Ms Halle Landin	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>The Effect of Color on Phototropism</i>		

Ms Tori Thomas	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Childproof Containers</i>		

Ottoville HS, Ottoville

Ms Brittany A Schleeter	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	
Project Type: Individual		
Project Title: <i>The Effects of Ascorbic Acid on both Mutated G948-1C/U and Wild Type Saccharomyces Cerevisiae</i>		

Our Lady of Lourdes, Cincinnati

Mr Lukas Marlman	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Deflategate Basketball</i>		

Our Lady Of Perpetual Help, Grove City

Mr Jacob Baum	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Which Water Filtration Material is Best?</i>		

Mr Derek Brooks	OAS AWARD	Sponsored Awards -if any
Grade:7	Good	
Project Type: Individual		
Project Title: <i>Do Different Biodegradable Materials decompose at Different Rates</i>		

Ms Hannah Dilley	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Do Men and Women Hear Music Textures Differently?</i>		

Our Lady Of Perpetual Help, Grove City

Ms Ava Hurd **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *Do High Efficiency detergents clean as well as conventional detergents?*

Ms Taryn Mitchell **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Does the Color of the Eye and the Color of the Ink Affect Sight in Dim Light?*

Ms Ella Moscinski **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Are There Gender Differences When Processing Visual Information?*

Ms Annemarie Schofield **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *Do girls perceive optical illusions at a higher percentage than boys*

Mr Elias Wahl **OAS AWARD** **Sponsored Awards -if any**
Good
Grade:7 Project Type: Individual
Project Title: *Biomass in Grass*

Ms Catey Wolfe **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Does Name Influence Personality?*

Paint Valley MS, Bainbridge

Mr Drew Bouillion **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:8 Project Type: Individual
Project Title: *Making Sound*

Parkway MS, Rockford

Mr Jace Armstrong **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:5 Project Type: Individual
Project Title: *Evaluation of Drones in Wind*

Mr Colin Fokine **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:5 Project Type: Individual
Project Title: *Evaluation of Drones in Wind*

Parkway MS, Rockford

Ms Skyler Fokine	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>Evaluation of Drones in Wind</i>		

Patrick Henry HS, Hamler

Mr David S Baden	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	
Project Type: Individual		
Project Title: <i>Do Vortex Generators Improve the Lift of an Airfoil?</i>		

Ms Alexandra Ballow	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	
Project Type: Individual		
Project Title: <i>Turbulence and its effect on Pressure</i>		

Ms Holly Schmenk	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	019 SCH 169 HM
Project Type: Individual		
Project Title: <i>The Effects of a Ground versus Whole Flaxseed Diet on the Omega-3 Fatty Acid Content in Chicken Eggs</i>		

Paulding HS, Paulding

Mr Preston M Johanns	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	012 SCH
Project Type: Individual		
Project Title: <i>The Effect of Grapefruit Juice on Three Antibiotics and Their Targeted Bacteria</i>		

Mr Cade R McGarvey	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	232 2nd 034 2ND
Project Type: Individual		
Project Title: <i>The Effects of High Fructose Corn Syrup, Sucrose, and Unlimited Food on Mus musculus Mass and Blood Glucose Levels</i>		

Ms Allison Reineck	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>Smart Scents</i>		

Paulding MS, Paulding

Ms Molly Adams	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>What is the best liquid for germinating soybeans?</i>		

Paulding MS, Paulding

Mr Hunter Kauser	OAS AWARD Excellent	Sponsored Awards -if any
Grade:7	Project Type: Individual	
Project Title:	<i>How is the resulting force affected by different golf ball brands?</i>	

Peebles ES, Peebles

Ms Annie Schmitz	OAS AWARD Superior	Sponsored Awards -if any
Grade:5	Project Type: Individual	
Project Title:	<i>Let It Glow</i>	

Peebles HS, Peebles

Ms Alisan Behr	OAS AWARD No Show	Sponsored Awards -if any
Grade:8	Project Type: Individual	
Project Title:	<i>Hello, Mr. Penny</i>	

Pettisville HS, Pettisville

Mr Joshua Bock	OAS AWARD Superior	Sponsored Awards -if any 028 2ND 235 1ST
Grade:9	Project Type: Individual	
Project Title:	<i>Affects of Texting on the Ability to Walk and Observe</i>	

Mr Jacob C Dennis	OAS AWARD Superior	Sponsored Awards -if any 018 2ND
Grade:11	Project Type: Individual	
Project Title:	<i>The Effect of Foliar Fertilizer on Glycine max Yields, Protein and Oil Content</i>	

Ms Gretchen M Lee	OAS AWARD Superior	Sponsored Awards -if any 019 SCH 157 SCH 182 1ST
Grade:10	Project Type: Individual	
Project Title:	<i>The Effect of Rabbit Manure on the Nutrition of Kale, Spinach, Lettuce, and Cabbage</i>	

Ms Kelly Miller	OAS AWARD Excellent	Sponsored Awards -if any
Grade:8	Project Type: Individual	
Project Title:	<i>The Effect of Sugar Water Concentration on the Growth of Spider Plant Roots</i>	

Mr Dalton Myers	OAS AWARD Superior	Sponsored Awards -if any
Grade:8	Project Type: Individual	
Project Title:	<i>The Development of a Reliable Automatic Fish Feeder</i>	

Pettisville HS, Pettisville

Ms Anneli Shaw	OAS AWARD Excellent	Sponsored Awards -if any
Grade:8	Project Type: Individual	
Project Title:	<i>Comparison of Manure Dry Matter in Cattle Fed TMR verses Pasture</i>	

Ms Jordan M Skates	OAS AWARD Superior	Sponsored Awards -if any 019 SCH 030 2ND 051 2ND
Grade:10	Project Type: Individual	
Project Title:	<i>The Effect of Artificial Fish Structure Color and Lighting on the Behavior of Micropterus Salmoides</i>	

Ms Kayla Wyse	OAS AWARD Excellent	Sponsored Awards -if any
Grade:9	Project Type: Individual	
Project Title:	<i>The Effectiveness of Rabbit Fur on Controlling Whitefly Populations on Cherry Tomatoes</i>	

Phoenix MS, Worthington

Mr Leon Wu	OAS AWARD Superior	Sponsored Awards -if any
Grade:8	Project Type: Individual	
Project Title:	<i>Can Phages be More Effective than Antibiotics in Killing Bacteria</i>	

Piqua Catholic ES, Piqua

Mr Gabe Knapke	OAS AWARD Excellent	Sponsored Awards -if any 136 HM
Grade:8	Project Type: Individual	
Project Title:	<i>Live bait vs Artificial bait</i>	

Ms Lauren McFarland	OAS AWARD Superior	Sponsored Awards -if any
Grade:8	Project Type: Individual	
Project Title:	<i>Organic vs. Nonorganic Energy in Nuts</i>	

Portsmouth West MS, W Portsmouth

Ms Madison Russell	OAS AWARD Superior	Sponsored Awards -if any
Grade:6	Project Type: Individual	
Project Title:	<i>Bacteria Strong but Not for Long- Bacteria Growth for a Test to Determine Which Cleaning Agent Disinfects the Best</i>	

Ridgewood School, Springfield

Ms Aseelah Salman Ashraf	OAS AWARD Superior	Sponsored Awards -if any
Grade:8	Project Type: Individual	
Project Title:	<i>Music: Help or Hindrance</i>	

Ridgewood School, Springfield

Ms Audrey Hallmark	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>The Dangers of Soda</i>		

Ms Natalia Perkins	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>To be... or no to be: The study of different flours</i>		

River Valley HS, Bidwell

Ms Sharla Lynn Moody	OAS AWARD	Sponsored Awards -if any
Grade:10	No Show	
Project Type: Team		
Project Title: <i>Is That Your Final Answer? An Extension</i>		

Ms Maddi Jaye Young	OAS AWARD	Sponsored Awards -if any
Grade:10	No Show	
Project Type: Team		
Project Title: <i>Is That Your Final Answer? An Extension</i>		

River View HS, Warsaw

Ms Abigail E Ambrose	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	080 HM
Project Type: Individual		
Project Title: <i>MICROBIAL CATALYST: FINDING A CATALYST FOR A MICROBIAL FUEL CELL</i>		

Ms Josephina H Fornara	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>The Effect of Aerobic and Anaerobic Conditions On the Carbon Dioxide Production of Yeast</i>		

Ms Sarah A Holmes	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	
Project Type: Individual		
Project Title: <i>Bacteria Battle: The Effects of Essential Oil on E.Coli Growth</i>		

River View MS, Warsaw

Ms Bailey A Bowman	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Risky Radiation: Which Cell Phone is Safest?</i>		

River View MS, Warsaw

Ms Aleigha Marie Hardesty
Grade:7 Project Type: Individual
Project Title: A Whiter, Brighter smile: Rethink your smile

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Duncan G Martin
Grade:8 Project Type: Individual
Project Title: Burn Baby Burn

OAS AWARD
Superior

Sponsored Awards -if any

Mr Cal M Shrimplin
Grade:7 Project Type: Individual
Project Title: Wearing Away: Rethink What You Drink

OAS AWARD
Superior

Sponsored Awards -if any

Ms Sydney Starcher
Grade:7 Project Type: Individual
Project Title: Copper Cleaning Colas

OAS AWARD
Excellent

Sponsored Awards -if any

Rock Hill Sr HS, Ironton

Ms Shelby M Dalton
Grade:12 Project Type: Individual
Project Title: Water Quality The Effects of Agricultural Runoff

OAS AWARD
Superior

Sponsored Awards -if any
010 SCH 061 3RD 080 3RD 086 2ND
090 2ND

Ross County Christian Academy, Chillicothe

Mr Ian T Standerfer
Grade:7 Project Type: Individual
Project Title: The Effects of Chemical Weathering on Rocks

OAS AWARD
Superior

Sponsored Awards -if any

Royalmont Academy, Mason

Mr Parker Bricking
Grade:6 Project Type: Individual
Project Title: Are Children More Creative Than Adults?

OAS AWARD
Superior

Sponsored Awards -if any

Mr Nathaniel Brink
Grade:6 Project Type: Individual
Project Title: Rocketology: Baking Soda and Vinegar Rocket

OAS AWARD
Excellent

Sponsored Awards -if any

Royalmont Academy, Mason

Mr Aaron Burke	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>How Does Surface Friction Affect How the Hovercraft Glides</i>		

Mr Gabriel Dobrozsi	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Cycling Aerodynamics: How Much Energy Can You Save When Drafting?</i>		

Mr Colin Overton	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>The Effect of the Water Flow Rate on the Performance of the Kelvin Electrostatic Generator</i>		

Ms Juliana Puglielli	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Determining the Iodine Content in Various Salts</i>		

Rutherford B Hayes HS, Delaware

Mr Riley Sheets	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	019 SCH
Project Type: Individual		
Project Title: <i>The Effect of Invasive Honeysuckle Removal on Earthworm Populations</i>		

Sacred Heart of Jesus, Wadsworth

Ms Rachel Burns	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Music of the Future</i>		

Mr Nathaniel Day	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>How Temperature Effects A Tennis Ball</i>		

Mr Charles Gegick	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Which Electrolyte Solution Has the Highest Conductance</i>		

Mr Aaron Kornaker	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Optical Illusions Fooling Us?</i>		

Scioto County, Lucasville

Ms Emma Gahm	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>How high is your wi-fi?</i>		

Sheridan MS, Thornville

Mr Kenton Lawrence	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>What Is The Best Type Of Insulation?</i>		

Solon HS, Solon

Mr Rahul Rambhatla	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	182 2ND
Project Type: Individual		
Project Title: <i>Evaluating the Impact of Soil Management on Weed Pressure in Organic and Transitioning Agricultural Ecosystems</i>		

Solon MS, Solon

Mr Edward Dan	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Window Grids on Window Energy Efficiency</i>		

Mr Alex Huang	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Can We Increase the Amount of Energy Harvested From the Sun by Reflecting its Light Beams off Mirrors?</i>		

Ms Rebecca Lin	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Is Your Water Bottle BPA- Free?</i>		

Ms Chatura Tamirisakandala	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Sugar Digestion</i>		

South Point HS, South Point

Ms Kendall Bryant	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	175 SCH
Project Type: Individual		
Project Title: <i>How Quickly Do You React?</i>		

South Side MS, Columbiana

Ms Morgann Brownlie	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Good	
Project Title: Eyewitness Reliability		

Springfield HS, Springfield

Ms Veda Krumpe	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Individual	Excellent	
Project Title: Can Magnets help the localization of medicine?		

Mr Samuel Todd	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Individual	Excellent	
Project Title: Do Different Geometric Shapes Of The Same Area Affect The Power A Solar Panel Generates?		

St Adalbert, Berea

Mr Ryan Anthony	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
Project Title: Slinkies as Solenoids: What Factors Affect the Magnetic Field?		

Ms Lauren Chan	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	
Project Title: Is Salicylic Acid or Benzoyl Peroxide More Effective in Acne Creams?		

Ms Madeline Ciryak	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
Project Title: Can Gluten-Free Cupcakes Rise to the Challenge?		

Mr Ryan Shepard	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: Does Light Intensity Affect a Person's Ability to See Pixelation?		

St Agatha, Columbus

Ms Charlotte Elliott	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	178 1ST
Project Title: First, Second, or Fifth?		

St Agatha, Columbus

Mr Brian Hall **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual No Show
Project Title: *Lights Out*

Mr Jack Klingler **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: *Under What Color Lights Do Plants Grow Best?*

Mr Teague O'Brien **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: *Reading or Listening. In Which Way Do Students Learn Better?*

Ms Audrey Schroeder **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: *Save Your Skin*

Ms Sadie Sheridan **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: *Prevention of Bacterial Growth on Toothbrushes*

St Albert The Great, N Royalton

Ms Julia Bentley **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: *Are We Creating Superbugs?*

St Andrew, Columbus

Ms Bridget Korn **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: *What Drinks Stain Your Teeth*

Mr Charlie Nowinski **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: *Which Golf Balls Are The Best?*

Ms Katelyn Nowinski **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: *Which Moisturizer Works The Best?*

St Andrew, Columbus

Ms Isabella Roscoe	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>Is the tap water safe to drink?</i>		

Mr Jake Ryan	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>Energy and Cost Neutral Desalination of Seawater</i>		

St Anselm, Chesterland

Mr Robert Kent	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	136 HM
Project Title: <i>Are Microplastics Invading the Watersheds of Geauga County?</i>		

Ms Keira Oyen	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	148 1ST
Project Title: <i>What Type of Ankle Brace is the Most Supportive?</i>		

St Benedict, Cambridge

Ms Faith Rochus	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>Will Some Types of Bread Mold Faster Than Others?</i>		

Mr Jacob Rush	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
Project Title: <i>Background Radiation</i>		

St Benedict Catholic School, Toledo

Ms Samantha Heckman	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>Does Smell Affect Taste?</i>		

Ms Morgan Lake	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
Project Title: <i>Which salt compound is most effective in melting road ice?</i>		

St Benedict Catholic School, Toledo

Mr Sam Schoen	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Which insulation insulates the most sound?</i>		

Mr James Smith	OAS AWARD	Sponsored Awards -if any
Grade:7	No Show	
Project Type: Individual		
Project Title: <i>What is the probability of dice; are dice fair?</i>		

St Brigid ES, Xenia

Mr Grant Arnold	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Blade Shape Size and Angle on Propeller Propulsion</i>		

Ms Brittney Sargent	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	079 HM
Project Type: Individual		
Project Title: <i>Evaporation Rates</i>		

St Catharine of Siena, Cincinnati

Ms Noel Watkins	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Dirt Dirt Everywhere</i>		

St Cecilia, Columbus

Ms Grace Larger	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>What can be substituted for baking powder in Banana Bread</i>		

St Charles Borromeo, Kettering

Ms Liesl Carter	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>UV Protective Clothing</i>		

Allison Popp	OAS AWARD	Sponsored Awards -if any
Grade:08	Excellent	
Project Type: Individual		
Project Title: <i>Ready, Set, Rust!</i>		

St Christine, Youngstown

Ms Kayla Jadue
Grade:7 Project Type: Individual
Project Title: *What is the effect does sealer have on concrete?*

OAS AWARD
Excellent

Sponsored Awards -if any

St Columban, Loveland

Ms Anna Belesi
Grade:8 Project Type: Individual
Project Title: *The Best Boot For Your Buck-Computer Optimization*

OAS AWARD
Superior

Harold C. Shaw Outstanding School Award

Sponsored Awards -if any

Mr Patrick Carigan
Grade:7 Project Type: Individual
Project Title: *Chill Out! Strength of Building Materials on Mars*

OAS AWARD
Superior

Sponsored Awards -if any
058 1ST 221

Ms Caroline France
Grade:8 Project Type: Individual
Project Title: *Real Girls Stand Strong Together*

OAS AWARD
Superior

Sponsored Awards -if any
034 3RD

Ms Anna Hawkins
Grade:7 Project Type: Individual
Project Title: *Water Depth And Wave Velocity*

OAS AWARD
Excellent

Sponsored Awards -if any
079 HM

Mr Alex Hill
Grade:8 Project Type: Individual
Project Title: *Supersized Mice*

OAS AWARD
Superior

Sponsored Awards -if any
034 1ST 148 2ND

Ms Alina Infantino
Grade:8 Project Type: Individual
Project Title: *Colors: Is What you see what you say?*

OAS AWARD
Superior

Sponsored Awards -if any

Ms Anna Krebs
Grade:7 Project Type: Individual
Project Title: *Which Shape is Most Stable During an Earthquake?*

OAS AWARD
Superior

Sponsored Awards -if any
079 HM

Ms Sophie Pilon
Grade:8 Project Type: Individual
Project Title: *Long & Short Term Memory in Males & Females*

OAS AWARD
Superior

Sponsored Awards -if any

St Columban, Loveland

Ms Olivia Rademacher **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior 080 2ND
Project Title: Think Before You Drink: A Comparison Of Water Filtration Methods

Ms Payton Robinson **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: Efficiency of Oil Sorbents

Ms Kali Stock **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: Removing Oil from Water

Mr Andrew Venosa **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Deflategate- Analyzing the Competitive Advantage of Deflating Footballs

Ms Katy Schaaf **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team Superior 133
Project Title: Bryozoans: Naturally Filtering Your Water

Ms Rebecca Schell **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Team Superior 133
Project Title: Bryozoans: Naturally Filtering Your Water

St Edward, Ashland

Ms Audrey Birkes **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: Natural and Chemical Dye Colorfastness

Ms Alaina Reed **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Does Antimicrobial Soap Disinfect Better Than Regular Soap?

Ms Elyse Reed **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Contrasting Plastic Decomposition

St Edward, Ashland

Ms Sophie Strickling	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: Gravity and Force		

Mr Jacob Stump	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: What Is the Minimum Potential Energy Required for a Marble to Complete a Loop-the -Loop?		

St Francis Xavier, Medina

Ms Emily E Austin	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: Raise the Roof?		

Mr Declan Messner	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: Are Fish Trainable With Operant Conditioning?		

Mr Alexander Paliga	OAS AWARD	Sponsored Awards -if any
Grade:6	Good	
Project Type: Individual		
Project Title: Illusion Confusion		

St Ignatius Loyola, Cincinnati

Ms Lexie Kemble	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: Gender and Grade Correlation to Learning Styles		

St Joseph, Monroeville

Mr Garrison Hohler	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: Bullseye Carbon vs Aluminum		

St Joseph, Sylvania

Mr Jacob Ziegler	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: Does temperature affect the strength of the magnet?		

St Jude, Elyria

Mr Dominic James DeVengencie **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Energy Produced from Cow Manure

Mr Matthew Gdula **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Which Acne Medication Can Really Zap That Zit?

Ms Abigail Shaw **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Gauss Rifle

St Louis ES, Owensville

Ms Willow Kenneda **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Effect of Pollutants on Ecosystems

St Luke, Beavercreek

Ms Olivia Bartlett **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: How does the amount of fertilizer affect tomato plant height?

Ms Victoria Bartlett **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent 058 3RD
Project Title: Mechanical Exfoliation of Graphene for Use in Supercapacitors

Ms Zhenya Huber **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Blown Away

Ms Cathryn Leies **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Environmental Impact on Metal Corrosion Rate

Mr John Mattamana **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Loose Leaf Vs Bagged Tea

St Luke, Beavercreek

Mr Cooper Roberts **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: Pasteurization

Ms Madeleine Sanders **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior 091 1ST
Project Title: Mitigating Nitrate Pollution

Ms Riane Turner **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: What SPF is best?

St Mary, Chardon

Ms Ellie Faber **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Bulbs and Beads

Ms Kaylie Malloy **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior 080 2ND
Project Title: I Have 99 Problems & Microbeads Are 1

St Mary, Delaware

Ms Hope Adams **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Which last longer; Brand-Name or Generic Batteries?

Mr Daniel Altomari **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: How do colors absorb heat differently

St Mary, Lancaster

Ms Emma Albert **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Does Time Of Day Affect Homing Pigeons' Return Time?

Ms Emma Martin **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: pH and its Effects on Aquatic Life

St Mary, Lancaster

Mr Collin Rimkus **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:8 Project Type: Individual
Project Title: *What get the best performance 87 or 93 octane fuel*

Ms Anna Vanderbilt **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:8 Project Type: Individual
Project Title: *Snacking on Soybeans*

Mr Bryson Vogel **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:8 Project Type: Individual
Project Title: *Shot Arc Affects Shooting Percentage*

Ms Katie Maynard **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:8 Project Type: Team
Project Title: *Mold - Which temperature grows more mold*

Mr Sam Maynard **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:8 Project Type: Team
Project Title: *Mold - Which temperature grows more mold*

St Mary, Marietta

Ms Ainsley Betz **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:8 Project Type: Individual
Project Title: *Building Art Bots*

Mr John Barry Wharff **OAS AWARD** **Sponsored Awards -if any**
No Show
Grade:7 Project Type: Individual
Project Title: *Starting a Fire Without Matches or a Lighter*

St Mary Central, Martins Ferry

Mr Daniel Cermak **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:5 Project Type: Individual
Project Title: *How To Preserve A Pumpkin*

Mr Spencer Alexander Echemann **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:8 Project Type: Individual
Project Title: *Do Video Game Players Have Faster Reaction Time than Non-players*

St Mary Central, Martins Ferry

Ms Lauren Garan **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *Cosmetic Chemistry: Most Effective Ingredients In Moisturizing Products*

Ms Abby Marie Giffin **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:6 Project Type: Individual
Project Title: *Are female dogs smarter than male dogs?*

Mr Spencer Helms **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *The Peppermint Test*

Ms Bailee A McNamara **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:8 Project Type: Individual
Project Title: *Green vs. Standard liquid detergents on toxicity*

Mr Jacob Tyler Richards **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Candy Snap To Share With a Friend*

Ms Allison Sauvageot **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:5 Project Type: Individual
Project Title: *How the immune system uses it's memory*

St Michael, Worthington

Ms Chloe Forrest **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *SOLAR POWER: Can a cell phone be charged by the sun?*

Ms Hallie Goodman **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:7 Project Type: Individual
Project Title: *Which soda raises blood sugar the most*

Mr Alex Jimenez **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:7 Project Type: Individual
Project Title: *Can Magnets Be Affected By Temperature*

St Michael, Worthington

Ms Avery Jourdan	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Which Nail Polish Last's Longest?</i>		

Ms Catherine Supron	OAS AWARD	Sponsored Awards -if any
Grade:7	Good	
Project Type: Individual		
Project Title: <i>Does the color of light affect soybean growth?</i>		

St Michael Consolidated, Ripley

Ms Alexandra Arn	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>Vitamin C Levels in Different Colored Bell Peppers</i>		

Ms Caroline Day	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>What is the Efficacy of Adding Gypsum, Alum, or Lime to Soils to Prevent Phosphorus (P) Runoff and Reduce Toxic Algal Blooms?</i>		

Mr Emerson R Day	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Will Employing a Cowl, Funnel or Ring Improve the Efficiency of an Electric Wind Turbine</i>		

Ms Emma Elizabeth Helbling	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Complex Carbohydrates and Simple Carbohydrates Will Have a Similar Effect On a Type 1 Diabetic's Blood Glucose Level</i>		

St Paschal Baylon, Highland Heights

Mr Dylan Huss	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Is It Possible to Build a Line Following Robot?</i>		

St Patrick, Bryan

Mr Brody Devlin	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>How many FPS does a projectile have to go to penetrate pig skin?</i>		

St Patrick, Bryan

Mr Jeffrey T Devlin	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Can flowing water be used to cool ambient air temperature?</i>		

Mr Johnathan Dorsten	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Can You Power A Small Shed Off Of Fruits Or Vegetables And If So, Which Works Best?</i>		

Ms Sarah Knight	OAS AWARD	Sponsored Awards -if any
Grade:5	Excellent	
Project Type: Individual		
Project Title: <i>How much salt does it take to make an egg float?</i>		

Mr Tristan J McGuire	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>The Effects of Different Laundry Detergents on Algae Growth</i>		

Ms Halle A Tisovic	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Does the sugar concentration affect the acidity of a liquid?</i>		

St Patrick, Hubbard

Ms Katie L Cigolle	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Electrolytes: What To Drink When You Need Them Most?</i>		

St Patrick Of Heatherdowns, Toledo

Ms Grace Garand	OAS AWARD	Sponsored Awards -if any
Grade:8	Good	
Project Type: Individual		
Project Title: <i>Does Gum Improve Testing</i>		

St Paul, N Canton

Ms Angela Fisher	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Will Straw Pellets, Sawdust, or Peat Moss Absorb More Water Than the Traditional Straw Horse Bedding?</i>		

Mr Jeremy Grimm	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Which Liquid Is Most Dense?</i>		

St Paul, N Canton

Ms Caitlyn Kimbell	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	145 3RD
Project Type: Individual		
Project Title: <i>Which Antacid Medication Works Best?</i>		

Ms Ava Klink	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>Does the Amount of Carbon Dioxide in the Air have an Effect on the Height of Grass?</i>		

Ms Chloe Michel	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	178 1ST
Project Type: Individual		
Project Title: <i>Will Insecticide Affect the Growth of Kentucky Blue Grass?</i>		

Mr Johnathan Murphy	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>What is the Voltage of Electricity Generated by a Fruit?</i>		

Mr Anthony Ploucha	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>What Material Creates the Slowest Falling Parachute?</i>		

St Paul, Salem

Ms Sarah Bungard	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>Stealthy Shapes: How to Make an Aircraft Invisible to Radar</i>		

Ms Morgan Kincaid	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Huddle & Cuddle: How Puppies Keep Warm</i>		

Ms Bailey Staudt	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Bacteria/Germs</i>		

St Paul, Westerville

Ms Lily Carlos	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Search Area on the Search Patterns of Ants</i>		

St Paul, Westerville

Ms Morgan Gehrlich **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: The Effect of Gender on Recognition of Detail

Mr Kevin Heil **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: The Effect Of Light Color on Plant Growth

Ms Alanna Jordan **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: The Effect of Commercial Disinfectants and Natural Products on Killing Escherichia coli

Mr Finn O'Reilly **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: The Effect of the Type of Visual Aid on How Fast a Person Can Remember a List

Ms Isabella Pieroni **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: The Effect of Questioning on Memory Recall

Mr William Ruff **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Excellent
Project Title: The Effect of Insulation Material on Quality of Insulation

Ms Evelyn Sarle **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent 080 HM
Project Title: The Effect of Limestone on Pine Trees Treated with Sulfuric Acid

Ms Haley Weis **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: The Effect of Different Leavening Agents on a Cupcake's Rise

Mr Jason Zehala **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior 134 2ND
Project Title: Maximizing Wet Cell Battery Performance

St Peter, Canton

Ms Erin Watters	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
Project Title: Which Brand of Sunscreen Allows the Least Amount of Ultraviolet Rays to Pass Through it?		

St Peter, Lorain

Ms Alexis Marie Hamrlik	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
Project Title: Poof...Where'd It Go? The Rate of Liquid Evaporation		

Mr Nicholas Hamrlik	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
Project Title: Magnetic Power		

Ms Ana MacDonald	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Good	
Project Title: Rockin Crystals		

Ms Joanna Elizabeth Psaropoulos	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
Project Title: Walking on Water -- Surface Tension		

Ms Lauren Viegas	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: Dissolving Peeps		

St Raphael, Bay Village

Ms Kayla Danielle Bucci	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
Project Title: Vitamin C in Orange Juice		

Ms Sarah Rogozinski	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Superior	
Project Title: Bake to the Top: The Effect of pH on Cupcake Height		

Mr John P Wynne	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	No Show	
Project Title: Algal Bloom: Fertilizer's Effect on Algal Growth		

St Raphael, Bay Village

Ms Hope Crisafi **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Superior
Project Title: *The Effect of Meat-Fed Dog Feces on Plant Growth*

Ms Kate Crisafi **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Superior
Project Title: *The Effect of Meat-Fed Dog Feces on Plant Growth*

Ms Katie Donnelly **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Excellent
Project Title: *From Trash to Compost: Composting Food & Yard Waste as an Alternative to Landfill Disposal*

Ms Abby M Garling **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Excellent
Project Title: *From Trash to Compost: Composting Food & Yard Waste as an Alternative to Landfill Disposal*

Ms Ellen Lavelle **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Excellent
Project Title: *Enzyme Enigma*

Ms Anna Schramko **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Team Excellent
Project Title: *Enzyme Enigma*

St Rita, Solon

Mr Andrew Fornadel **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: *Subliminal Messages: Auditory vs. Visual - Which is More Effective?*

Ms Ryan Kay **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Excellent
Project Title: *Which Form of Antacid Neutralizes Acid Best?*

Ms Jenny Rath **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Good
Project Title: *Cardboard VS Corrugated*

St Rita, Solon

Mr Nikolas Socrates	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Smell This Not That!</i>		

Ms Allison Stark	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Soak it Up</i>		

Ms Sarah Toth	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Different Climates on Worms</i>		

St Thomas Aquinas, Louisville

Mr Shiv Sathya Dewan	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	034 2ND
Project Type: Individual		
Project Title: <i>The Effects of Natural Compounds in Inhibiting the Progression of Drug Induced Vascular Damage</i>		

St Timothy, Columbus

Mr Samuel Koehler	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Genetics and the Supertaster Trait</i>		

St Vincent DePaul, Mt Vernon

Ms Alexandra Claudia Costache	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	070 HM
Project Type: Individual		
Project Title: <i>Tsunamis</i>		

Ms Catherine Day	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Water Hardness</i>		

Mr Owen Gabel	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Water Resistance</i>		

St Vincent DePaul, Mt Vernon

Mr Zachary Hajjar
Grade:6 Project Type: Individual
Project Title: Biomass

OAS AWARD
Superior

Sponsored Awards -if any
108 HM

Ms Hayden Catherine Lingel
Grade:8 Project Type: Individual
Project Title: Desalination

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Bryan Sabula
Grade:6 Project Type: Individual
Project Title: Heat Output of Wood

OAS AWARD
Superior

Sponsored Awards -if any

Ms Morgan Spearman
Grade:7 Project Type: Individual
Project Title: Oil Viscosity

OAS AWARD
No Show

Sponsored Awards -if any

Ms Mary Jean Thomas
Grade:7 Project Type: Individual
Project Title: Gastric Acid

OAS AWARD
Excellent

Sponsored Awards -if any
034 HM

Ms Marisol Varela Ausec
Grade:8 Project Type: Individual
Project Title: Organic Food vs. Non-organic Food

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Aeryn Walters
Grade:8 Project Type: Individual
Project Title: Vitamin C

OAS AWARD
Excellent

Sponsored Awards -if any

St Vincent St Mary, Akron

Ms Caroline Baker
Grade:11 Project Type: Individual
Project Title: Gold Nanoparticles with Silicon Oxide Shell for Surfaced Enhanced Raman Spectroscopy

OAS AWARD
Excellent

Sponsored Awards -if any
002 SCH

Ms Ava Beskitt
Grade:9 Project Type: Individual
Project Title: What Factors Affect the Respiration of Yeast?

OAS AWARD
Good

Sponsored Awards -if any

St Vincent St Mary, Akron

Mr Bryan J Borodkin **OAS AWARD** **Sponsored Awards -if any**
Excellent 079 2ND 190
Grade:12 Project Type: Individual
Project Title: *The Stability of Proto-Cellular Membranes Under Simulated Early Earth Conditions*

Mr Maximilian J Chmura **OAS AWARD** **Sponsored Awards -if any**
Superior 018 3RD 080 1ST 090 2ND
Grade:9 Project Type: Individual
Project Title: *THE EFFECT OF ELECTRIC FIELDS ON REDUCING PHOSPHATE RUNOFF FROM SOYBEAN FARMLAND*

Mr Michael J Chmura **OAS AWARD** **Sponsored Awards -if any**
Superior 019 SCH
Grade:10 Project Type: Individual
Project Title: *THE EFFECTS OF ALUMINUM OXIDE-COATED ELECTRODES ON PHOSPHATE CONCENTRATIONS IN WATER*

Mr Joseph G Conti **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:11 Project Type: Individual
Project Title: *Soft Thermoplastic Polyurethane Ionomer Antimicrobial Properties*

Ms Fiona M Gaffney **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:9 Project Type: Individual
Project Title: *Soybean Growth in Hydroponic Systems*

Ms Megan Hurley **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:9 Project Type: Individual
Project Title: *The Effect of Spacing on Companion Plant Growth*

Ms Olivia Janolo **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:10 Project Type: Individual
Project Title: *The Mechanism of Harnessing Solar Energy*

Ms Meijin Li **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:11 Project Type: Individual
Project Title: *How does the solvent effect crazing behavior on polycarbonate?*

Ms Emma Lubes **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:10 Project Type: Individual
Project Title: *The Effect of Airfoil Shape on the Lift of An Airplane*

St Vincent St Mary, Akron

Mr Patrick L McFarland
Grade: 11 Project Type: Individual
Project Title: Necessity of Proper Diet When Taking Cholesterol Medication

OAS AWARD Excellent	Sponsored Awards -if any 034 2ND
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Ms Alexandria E Oliverio
Grade: 11 Project Type: Individual
Project Title: Effects Of Surface Functional Groups On Chondrocyte Behavior Using Molecular Gradients

OAS AWARD Superior	Sponsored Awards -if any 211 SCH
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Ms Caroline Pier
Grade: 10 Project Type: Individual
Project Title: Bio-inspiration vs UV Radiation

OAS AWARD Superior	Sponsored Awards -if any
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Ms Abigail Volk
Grade: 11 Project Type: Individual
Project Title: Layer-by-Layer Fabrication of Polymer Films Inspired by the Lotus Leaf

OAS AWARD Superior	Sponsored Awards -if any 058 3RD 106 3RD
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Mr Wenyao Yang
Grade: 11 Project Type: Individual
Project Title: The Effect of Polymer Film Manufacturing Technique on Its Birefringence

OAS AWARD Superior	Sponsored Awards -if any
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Stanton MS, Kent

Mr Hunter Ladrach Seachrist
Grade: 7 Project Type: Individual
Project Title: The Effect of Temperature on Model Rocketry Altitudes

OAS AWARD Excellent	Sponsored Awards -if any
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Sycamore HS, Cincinnati

Ms Swati Bhageria
Grade: 9 Project Type: Individual
Project Title: Cost Effective Water Filtration Systems for Rural Areas and Developing Economies

OAS AWARD Superior	Sponsored Awards -if any 072 1ST 080 2ND
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Mr Rishav Raj Dasgupta
Grade: 10 Project Type: Individual
Project Title: Repurposing Drugs to Target Bioenergetic Stress in Cancer Cells

OAS AWARD Superior	Sponsored Awards -if any
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Harold C. Shaw Outstanding School Award

Sycamore HS, Cincinnati

Mr Matthew D Isakson
Grade: 10 Project Type: Individual
Project Title: *Hit The Ground Running To Peak Performance*

OAS AWARD
Superior

Harold C. Shaw Outstanding School Award

Sponsored Awards -if any
148 2ND

Ms Nicole Lim
Grade: 7 Project Type: Individual
Project Title: *The effect of silver nanoparticles on soybean sprout growth*

OAS AWARD
Superior

Sponsored Awards -if any

Mr Victor S Lim
Grade: 10 Project Type: Individual
Project Title: *Does Moringa Oleifera enhance the proliferation rate of human dermal fibroblasts?*

OAS AWARD
Superior

Sponsored Awards -if any
175 SCH

Ms Harsimran Makkad
Grade: 10 Project Type: Individual
Project Title: *Modeling Transcription Factors Based on Starting and Target Cell Types*

OAS AWARD
Superior

Sponsored Awards -if any

Mr Divyesh Balamurali
Grade: 12 Project Type: Team
Project Title: *Can We Live Out There?*

OAS AWARD
Superior

Sponsored Awards -if any

Mr Aaron P Charnay
Grade: 11 Project Type: Team
Project Title: *The Feasibility of Using Bamboo as a Source of Ethanol for Fuel*

OAS AWARD
Excellent

Sponsored Awards -if any
139 3RD

Mr Ben P Charnay
Grade: 11 Project Type: Team
Project Title: *The Feasibility of Using Bamboo as a Source of Ethanol for Fuel*

OAS AWARD
Excellent

Sponsored Awards -if any
139 3RD

Mr Sabari Subramanian
Grade: 12 Project Type: Team
Project Title: *Can We Live Out There?*

OAS AWARD
Superior

Sponsored Awards -if any

Sylvania Northview HS, Sylvania

Ms Kameron Clinton
Grade: 12 Project Type: Individual
Project Title: *Does Music Have an Effect on Performance?*

OAS AWARD
Excellent

Sponsored Awards -if any

Sylvania Northview HS, Sylvania

Ms Kaitlin Cole **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:12 Project Type: Individual
Project Title: *Do Mnemonics Affect Memorization?*

Mr Austin Diesch **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:10 Project Type: Individual
Project Title: *Protective Covering Effectiveness of Solar Panels*

Ms Kayla Thielen **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:10 Project Type: Individual
Project Title: *Trait Preferences in Teenage Dating*

Sylvania Southview HS, Sylvania

Harold C. Shaw Outstanding School Award

Mr Brenden Anderson **OAS AWARD** **Sponsored Awards -if any**
Excellent
Grade:10 Project Type: Individual
Project Title: *The Impact of the Length of Time Spent in Relaxation During the Breaststroke Swim Cycle on Race Completion Time*

Ms Margaret Bohmer **OAS AWARD** **Sponsored Awards -if any**
Superior
Grade:10 Project Type: Individual
Project Title: *The Effects of Bisphenol A on the Mobility of C. Elegans*

Mr Alan Fong **OAS AWARD** **Sponsored Awards -if any**
Superior 058 1ST 067 1ST 080 1ST 106 1ST
Grade:12 Project Type: Individual
Project Title: *Suitability of ITO as a TCO for Superstrate Configuration Perovskite Solar Cells*

Mr Julian Aaron Liber **OAS AWARD** **Sponsored Awards -if any**
Superior 080 2ND
Grade:12 Project Type: Individual
Project Title: *The Relative Biomass Density of Invasive Plant Species in Northwest Ohio*

Mr Alec Charles Morrissey **OAS AWARD** **Sponsored Awards -if any**
Superior 211 SCH
Grade:11 Project Type: Individual
Project Title: *Acute Morphological Effects of Cosmetics-Derived Microplastic Exposure in Danio rerio*

Sylvania Southview HS, Sylvania

Mr Alexander Serpen
Grade:10 Project Type: Individual
Project Title: *Using A Machine Learning Algorithm To Predict Chronic Kidney Disease*

OAS AWARD
Superior

Harold C. Shaw Outstanding School Award

Sponsored Awards -if any

Terrace Park ES, Terrace Park

Mr Evan Farrell
Grade:6 Project Type: Individual
Project Title: *Cleat Coverz*

OAS AWARD
Superior

Sponsored Awards -if any
232 3RD

Mr Sammy Henkel
Grade:6 Project Type: Team
Project Title: *Power of the Penny*

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Nathan Turner
Grade:6 Project Type: Team
Project Title: *Power of the Penny*

OAS AWARD
Excellent

Sponsored Awards -if any

The University School, Chagrin Falls

Mr Graham Lane
Grade:11 Project Type: Individual
Project Title: *Pannexin 1 in EG7 Murine Thymoma Acts as a Functional Channel During Apoptosis*

OAS AWARD
Superior

Sponsored Awards -if any

The University School, Shaker Hts

Mr Ashwin Veeramani
Grade:10 Project Type: Individual
Project Title: *ZEBRAFISH BEHAVIORAL STUDY: Optimal flow velocity for wild zebrafish larval rheotaxis*

OAS AWARD
Excellent

Sponsored Awards -if any
223 1st 019 SCH 030 1ST

The Welsh Hills School, Granville

Ms Grace Wolf
Grade:5 Project Type: Individual
Project Title: *The effect of building height, width, shape and weight on wind resistance*

OAS AWARD
Superior

Sponsored Awards -if any
061 1ST 178 1ST

Mr Jack Wolf
Grade:6 Project Type: Individual
Project Title: *The effect of wind turbine blade shape and quantity on performance*

OAS AWARD
Excellent

Sponsored Awards -if any
067 2ND

Thomas Worthington HS, Worthington

Mr Cole Tucker	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	059 3RD 221 HM
Project Type: Individual		
Project Title: <i>3D Printer Plus A multi-medium engineering device</i>		

Thurgood Marshall HS, Dayton

Mr Kierre Dewberry	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>Isolation of a Squash Family Serine Proteinase Inhibitor</i>		

Ms Amari Scales	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: <i>How fast can a teenager text versus type a sentence?</i>		

Tinora HS, Defiance

Mr Clay Bowden	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	072 HM 086 3RD
Project Type: Individual		
Project Title: <i>What Purification Methods Purifies Tiffin River Water the Best?</i>		

Tippecanoe HS, Tipp City

Mr Timothy Joseph Andrews	OAS AWARD	Sponsored Awards -if any
Grade:12	Excellent	221
Project Type: Individual		
Project Title: <i>Effects of a Hypobaric Environment and Atmospheric Composition of Chlorella Photosynthesis</i>		

Mr Adam C Buynak	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	
Project Type: Individual		
Project Title: <i>Optical Limiters: Thin Film Optimization of Wavelength Absorption</i>		

Mr Thomas P Chaney	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	
Project Type: Individual		
Project Title: <i>Effectiveness of Hydrophobic Coatings</i>		

Ms Allison J Chitwood	OAS AWARD	Sponsored Awards -if any
Grade:12	Superior	
Project Type: Individual		
Project Title: <i>Comparing Statistics for PGA vs LPGA Golfers</i>		

Tippecanoe HS, Tipp City

Ms Alexandra Davis OAS AWARD Superior Sponsored Awards -if any
030 3RD
Grade:12 Project Type: Individual
Project Title: *Dissolved Oxygen Variances in Fish*

Ms Emily A Gootzeit OAS AWARD Superior Sponsored Awards -if any
Grade:12 Project Type: Individual
Project Title: *Environmental Toxicity of Tartaric Acid versus Standard Road Salts*

Ms Jessica Hemmelgarn OAS AWARD Superior Sponsored Awards -if any
Grade:12 Project Type: Individual
Project Title: *Mutagenic Effects of Household Chemicals on Drosophila melanogaster*

Ms Jessica A Miller OAS AWARD Superior Sponsored Awards -if any
Grade:10 Project Type: Individual
Project Title: *EMF Cars*

Mr Logan Oskey OAS AWARD Good Sponsored Awards -if any
Grade:9 Project Type: Individual
Project Title: *Structured Water: A Study*

Ms Sammie P Rowland OAS AWARD Superior Sponsored Awards -if any
Grade:12 Project Type: Individual
Project Title: *Statistical Evaluation of Golf Ball Performance*

Ms Leena D Vyas OAS AWARD Superior Sponsored Awards -if any
Grade:9 Project Type: Individual
Project Title: *Golf Ball Dimples on a Wing: The Effect of Dimples on Lift and Drag*

Ms Maya Vyas OAS AWARD Good Sponsored Awards -if any
Grade:11 Project Type: Individual
Project Title: *A Colorful Food Diet: Does Diet Effect Short Term Memory and Recall*

Tippecanoe MS, Tipp City

Mr Brandon T Hood OAS AWARD Superior Sponsored Awards -if any
Grade:6 Project Type: Individual
Project Title: *Chute for the Sky*

Tippecanoe MS, Tipp City

Mr Levi Baileys	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Team	Superior	
<i>Project Title: A Study on the Effect of Temperature on a Battery</i>		

Mr Ryan Hartke	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Team	Superior	
<i>Project Title: A Study on the Effect of Temperature on a Battery</i>		

Toledo Islamic Academy, Sylvania

Ms SyneneMaria Abukaram	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
<i>Project Title: Cold Evaporation</i>		

Ms Fatimah Aftab	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Individual	Superior	
<i>Project Title: The Effect of Acid rain on Plants</i>		

Ms Zainab Elnegres	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Good	
<i>Project Title: The Effects of Biodegradable Wastes on Dissolved Oxygen</i>		

Ms Nora Hasan	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	Superior	079 HM
<i>Project Title: Melting Ice</i>		

Ms Umayna Magsi	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	Superior	
<i>Project Title: Is a person's non-dominant or dominant hand more sensitive?</i>		

Ms Sundus Mustapha	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Excellent	
<i>Project Title: The Effect of Stair Design on Body Impact</i>		

Ms Noor Abukaram	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Team	Excellent	
<i>Project Title: Do Athletes or Nonathletes have a faster reaction time</i>		

Toledo Islamic Academy, Sylvania

Ms Laana K Abutaha Grade:10 Project Type: Team Project Title: <i>Which Advil Pill Formulation Dissolves the Fastest?</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Seham Abutaha Grade:10 Project Type: Team Project Title: <i>Which Advil Pill Formulation Dissolves the Fastest?</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Zaneh K Adya Grade:10 Project Type: Team Project Title: <i>Microorganism Effect of Runoff and Fertilizer in Streams and Rivers: A Comparison to Citizen Science</i>	OAS AWARD Superior	Sponsored Awards -if any 133
Ms Aya Alzuabi Grade:9 Project Type: Team Project Title: <i>How Real is This?</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Maysa Elnegres Grade:10 Project Type: Team Project Title: <i>Does Temperature Affect Orange Juice's Acidity?</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Muna T Farhan Grade:10 Project Type: Team Project Title: <i>Does Temperature Affect Orange Juice's Acidity?</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Israa A Hamdan Grade:10 Project Type: Team Project Title: <i>Microorganism Effect of Runoff and Fertilizer in Streams and Rivers: A Comparison to Citizen Science</i>	OAS AWARD Superior	Sponsored Awards -if any 133
Ms Zainab Jaafar Grade:9 Project Type: Team Project Title: <i>How Real is This?</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Rayanne Mustapha Grade:7 Project Type: Team Project Title: <i>Do Athletes or Nonathletes have a faster reaction time</i>	OAS AWARD Excellent	Sponsored Awards -if any

Tower Heights MS, Centerville

Ms Sarah Cline	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Antibacterial Vs. Plain Soap</i>		

Triad MS, N Lewisburg

Ms Morgan Swiatek	OAS AWARD	Sponsored Awards -if any
Grade:6	Good	028 2ND
Project Type: Individual		
Project Title: <i>Learning Foreign Languages with Music</i>		

Tri-County North MS, Lewisburg

Ms Lillian Davis	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>If You Can't Smell, Can You Tell?</i>		

Trinity Lutheran, Toledo

Mr Andrew Lucier	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Salty Eggs</i>		

Tri-Village HS, New Madison

Ms Maddie Downing	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Spray that Hair!</i>		

Mr Landen Fraylick	OAS AWARD	Sponsored Awards -if any
Grade:8	Excellent	
Project Type: Individual		
Project Title: <i>Alkali Metal Pay Loaded Warhead</i>		

Mr Justus Thomas	OAS AWARD	Sponsored Awards -if any
Grade:8	Superior	
Project Type: Individual		
Project Title: <i>One Drop at a Time</i>		

Troy HS, Troy

Ms Lauren Zaylskie	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>The Effect Of Color on Memory</i>		

Turpin HS, Cincinnati

Ms Lydia Bentley	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	
Project Type: Team		
Project Title: <i>Children's Perception of Stereotypes</i>		

Ms Maria Blanchard	OAS AWARD	Sponsored Awards -if any
Grade:9	Superior	
Project Type: Team		
Project Title: <i>Children's Perception of Stereotypes</i>		

Ms Naomi Manaster	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	
Project Type: Team		
Project Title: <i>Effect of Heat on the Presence of BPA in Water Samples</i>		

Ms Sophie Manaster	OAS AWARD	Sponsored Awards -if any
Grade:11	Excellent	
Project Type: Team		
Project Title: <i>Effect of Heat on the Presence of BPA in Water Samples</i>		

Tuscarawas Valley HS, Zoarville

Mr Nathaniel T Ackerman	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	160 1ST 193 SCH
Project Type: Individual		
Project Title: <i>A Re-Evaluation of the Photoelectric Effect</i>		

Ms Nicole Scott	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	
Project Type: Individual		
Project Title: <i>Regular Vs. Diet Coca-Cola: The Effect on a Chicken Bone</i>		

Ms Natalie K Specht	OAS AWARD	Sponsored Awards -if any
Grade:10	Excellent	175 SCH
Project Type: Individual		
Project Title: <i>How does Equipment Affect Gel Electrophoresis?</i>		

Union ES, Warsaw

Mr Luke Allen	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Floating on Air</i>		

Ms Jasmine Edgar	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	
Project Type: Individual		
Project Title: <i>Brain Power</i>		

Union ES, Warsaw

Ms Darian Garvin **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Excellent
Project Title: Lil' Fluff Muffin

Ms Allison Drew Mizer **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior
Project Title: Which Works Best for Soybean Plant Growth?

Ms Melany Wine **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior
Project Title: Does Light Phase Me ?

Unioto ES, Chillicothe

Ms Addison Mohan **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Superior 053 2ND
Project Title: Bridges

Ms Lauren Redfearn **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Superior
Project Title: How Do Bow Shape and Draw Length Affect the Velocity of An Arrow?

Mr Schylar Srey **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Excellent
Project Title: Can Tornadoes Be Created And Manipulated?

Upper Arlington HS, Upper Arlington

Mr Samuel Alexander Atcheson **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Superior
Project Title: Phenotypic regulation of macrophage subsets via curcumin supplement

Ms Kelly Y Chian **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Excellent 023
Project Title: How do random assignments of high and low scoring affect performance on p-beauty test for the two genders?

Ms Becina J Ganther **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Superior 028 2ND
Project Title: Testing theory of mind in autism: development and validation of a more sensitive measure

Upper Arlington HS, Upper Arlington

Mr Nikolas Grotewold **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Superior
Project Title: MEDEA and EML protein interact to regulate genomic imprinting in developing Arabidopsis seed

Mr George C Li **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Excellent 212 1ST 232 2ND
Project Title: Ultrasonic Obstacle Avoidance Device for the Visually Impaired

Mr Mark Malkin **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Individual Superior
Project Title: Develop a Mean Reversion strategy based on speed and acceleration to accurately predict stock market trends (based on falling prices)

Ms Julia L Pei **OAS AWARD** **Sponsored Awards -if any**
Grade:12 Project Type: Individual Superior 134 1ST
Project Title: Hydrophobic Paper Spray Mass Spectrometry for Direct Analysis of Illicit Drugs in Biofluids

Mr Drew Wolf **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent
Project Title: Comparing the number of antibiotic molecules to the number of virulent phage particles

Mr Jesse B Zhu **OAS AWARD** **Sponsored Awards -if any**
Grade:11 Project Type: Individual Excellent
Project Title: Resistance weld strength characterized by lap-shear and cross-tension specimens

Mr Theodore Dimitrov **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Team Excellent
Project Title: Water Purification By Phosphorus Absorbtion In A Static Environment

Mr Everett Will **OAS AWARD** **Sponsored Awards -if any**
Grade:10 Project Type: Team Excellent
Project Title: Water Purification By Phosphorus Absorbtion In A Static Environment

Valley Christian Academy, Aurora

Ms Aurora D Fares **OAS AWARD** **Sponsored Awards -if any**
Grade:7 Project Type: Individual Superior
Project Title: Breakdown Voltage: It Makes Sparks Fly!

Valley Christian Academy, Aurora

Ms Ava Hedrich	OAS AWARD	Sponsored Awards -if any
Grade:5	Superior	
Project Type: Individual		
Project Title: <i>Tooth Decay</i>		

Valley View Jr HS, Farmersville

Mr John Gilbert	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	087
Project Type: Individual		
Project Title: <i>Cost and Environmental Comparison of Reusable and Disposable Lunch Ware</i>		

Mr Dayne Hill	OAS AWARD	Sponsored Awards -if any
Grade:6	Superior	
Project Type: Individual		
Project Title: <i>Kernel Tastic</i>		

Versailles HS, Versailles

Mr James E McClure	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	221 HM
Project Type: Individual		
Project Title: <i>The Control of a Robot by Slime Mold Movement</i>		

Ms Tessa Tyo	OAS AWARD	Sponsored Awards -if any
Grade:10	Superior	
Project Type: Individual		
Project Title: <i>The Effects of Age on Sexism</i>		

Village Academy, Powell

Ms Amelia Cameron	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	
Project Type: Individual		
Project Title: <i>Do different container lids affect the freshness in strawberries?</i>		

Ms Emily Jernejcic	OAS AWARD	Sponsored Awards -if any
Grade:7	Superior	067 3RD
Project Type: Individual		
Project Title: <i>How Do Different Wind Speeds and Wing Shapes Affect Lift?</i>		

Mr Maxwell Nanda	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: <i>Is Sensitivity Heightened On Your Dominant Hand</i>		

Walnut Hills HS, Cincinnati

Ms Sarah Shirey
Grade:8 Project Type: Team
Project Title: *How Light Pollution Affects Plant Growth*

OAS AWARD **Sponsored Awards -if any**

Mr Adam Smyth
Grade:8 Project Type: Team
Project Title: *Effects of Age, Gender, and Memory during a Crime Scene*

OAS AWARD
Excellent **Sponsored Awards -if any**

Ms Sophie Sturgeon
Grade:8 Project Type: Team
Project Title: *The Growth Of Plants In Aquaponics Compared To Soil*

OAS AWARD **Sponsored Awards -if any**

Mr Collin Trissel
Grade:8 Project Type: Team
Project Title: *Effects of Age, Gender, and Memory during a Crime Scene*

OAS AWARD
Excellent **Sponsored Awards -if any**

Walnut Springs MS, Westerville

Ms Katherine Elizabeth Armstrong
Grade:8 Project Type: Individual
Project Title: *CAULK VS CAULK: ADHESIVE WARS!*

OAS AWARD
Superior **Sponsored Awards -if any**
058 2ND

Ms Isa Mercurio
Grade:7 Project Type: Individual
Project Title: *Toothbrush Troubles*

OAS AWARD
Excellent **Sponsored Awards -if any**

Mr Noah W Polak
Grade:8 Project Type: Individual
Project Title: *Too Much Gaming?*

OAS AWARD
Superior **Sponsored Awards -if any**

Mr Michael Riebe
Grade:6 Project Type: Individual
Project Title: *Magnet Motor*

OAS AWARD
Excellent **Sponsored Awards -if any**

Ms Allie Thompson
Grade:7 Project Type: Individual
Project Title: *Fresh Breath*

OAS AWARD
Excellent **Sponsored Awards -if any**

Walnut Springs MS, Westerville

Ms Anna K Whiting	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
<i>Project Title: Gender and Its Effects on Word Association</i>		

Mr Joseph Endres	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Team	Superior	
<i>Project Title: Sweet DeLIGHT</i>		

Mr Paul Loeser	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Team	Superior	
<i>Project Title: Sweet DeLIGHT</i>		

Warsaw ES, Warsaw

Ms Grace Cullison	OAS AWARD	Sponsored Awards -if any
Grade:5 Project Type: Individual	Excellent	
<i>Project Title: Lotion's Potions</i>		

Mr Noah Cunningham	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
<i>Project Title: Heat Wave!</i>		

Mr Evan Duncan	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
<i>Project Title: Bridge To: The Future</i>		

Mr Owen Hettinger	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
<i>Project Title: It's a Black and White World</i>		

Ms Jade Mencer	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
<i>Project Title: Wind Turbines for Dummies</i>		

Ms Jaylinn Williamson	OAS AWARD	Sponsored Awards -if any
Grade:6 Project Type: Individual	Excellent	
<i>Project Title: Burn Baby Burn: Comparing Wood Pellets for Heat Output</i>		

Wayne HS, Huber Hts

Ms Abigail Kerestes	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: Which Will Yield More Popcorn: Brand Name or Generic?		

Ms Briana Lewis	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: Does The Amount of Air Pressure in a Soccer Ball Affect The Distance it Travels?		

West ES, Athens

Mr Trenton Ramey	OAS AWARD	Sponsored Awards -if any
Grade:6	Excellent	079 HM
Project Type: Individual		
Project Title: How to Build a Geothermal Energy Power Plant		

West Geauga HS, Chesterland

Ms Meena Kaur Chauhan	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: Placebo Electrolyte Effects: Gatorade and Orange Juice		

Ms Lindsey Kulp	OAS AWARD	Sponsored Awards -if any
Grade:9	Excellent	
Project Type: Individual		
Project Title: The Effects of Ultraviolet Light A on Bacteria as a Viable Mechanism for Disinfecting Contaminated Water		

Mr Austin Maguire	OAS AWARD	Sponsored Awards -if any
Grade:11	No Show	
Project Type: Individual		
Project Title: Believability vs. Capability: Exploring Self Concept & Self Efficacy & Their Impact on Outcomes and Achievement		

Mr Matthew Palmer	OAS AWARD	Sponsored Awards -if any
Grade:11	Superior	
Project Type: Individual		
Project Title: Pressure Pack		

West Geauga MS, Chesterland

Mr Christopher Moore	OAS AWARD	Sponsored Awards -if any
Grade:7	Excellent	
Project Type: Individual		
Project Title: The Science of Fan Blades		

West Holmes MS, Millersburg

Ms Aubree Ann A Houin	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Superior	
<i>Project Title: When Less is More: The Effect of Reduced Seeding Populations on Ohio Soybean Yield & Profitability</i>		

West Union HS, West Union

Ms MacKenzie Smith	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Excellent	
<i>Project Title: Bacterial Battleground</i>		

Ms Kristin Unger	OAS AWARD	Sponsored Awards -if any
Grade:12 Project Type: Individual	Good	
<i>Project Title: Accuracy in Eyewitness Reports</i>		

Mr Jamison McClanahan	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Team	Superior	
<i>Project Title: Does the Ratio of Vinegar to Baking Soda Affect the Distance of a Projectile Shot from A Cannon</i>		

Mr Tyler Swearingen	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Team	Superior	
<i>Project Title: Does the Ratio of Vinegar to Baking Soda Affect the Distance of a Projectile Shot from A Cannon</i>		

Westerville South HS, Westerville

Mr Srihari Prasad Gattupalli	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Excellent	
<i>Project Title: Fuel Cell Technology for automobile applications: An investigative study</i>		

Wheelersburg MS, Wheelersburg

Mr Eric Russell Green	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
<i>Project Title: Power of Packaging: Does Color Affect Decision Making?</i>		

Mr Rohit K Kataria	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Individual	Superior	034 HM
<i>Project Title: Electrolyte Enigma</i>		

William Mason HS, Mason

Mr Vardhan S Avasarala
Grade: 11 Project Type: Individual
Project Title: Effective Means of Killing E.Coli Bacteria

OAS AWARD
Superior

Sponsored Awards -if any

Mr Chinmay V Bakshi
Grade: 11 Project Type: Individual
Project Title: Inhibiting Pathways in Cancer Pathogenesis: Identification of Novel Small Molecule Kinase Antagonists of the PRLR in Breast Cancer for Selective Therapeutic Targeting

OAS AWARD
Superior

Sponsored Awards -if any

Mr Aditya Jog
Grade: 11 Project Type: Individual
Project Title: Phase Change Material Based Thermal Energy Storage for Higher Efficiency Photovoltaics

OAS AWARD
Superior

Sponsored Awards -if any
080 HM 218 SCH 232 1ST

Mr Mihir S Kotian
Grade: 11 Project Type: Individual
Project Title: Using Single Nucleotide Polymorphism (SNP) Analysis to Determine Lipitor Side Effects

OAS AWARD
Superior

Sponsored Awards -if any
002 SCH

Mr Atneya S Nair
Grade: 10 Project Type: Individual
Project Title: Assessing the novel use of RTIs to inhibit Telomerase in cancerous cells

OAS AWARD
Superior

Sponsored Awards -if any

Mr Neer Patel
Grade: 10 Project Type: Individual
Project Title: The Materials Of tennis strings and their effect on hangtime, speed and Control

OAS AWARD
Superior

Sponsored Awards -if any

Mr Akul Rajan
Grade: 10 Project Type: Individual
Project Title: Mycoremediation and Phytoremediation as a method to clean up heavy metal contamination in soil and water.

OAS AWARD
Excellent

Sponsored Awards -if any
019 SCH 080 1ST 087

Ms Shivani Reddy Tumukuntala
Grade: 12 Project Type: Individual
Project Title: Antibiotics vs. E.Coli

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Sreeram Venkatarao
Grade: 11 Project Type: Individual
Project Title: The Development of a Novel Cancer Diagnostic Platform Implementing a Combination of Cell Segmentation and Machine Learning Algorithms

OAS AWARD
No Show

Sponsored Awards -if any

William Mason HS, Mason

Mr Sriharsha Voleti	OAS AWARD Excellent	Sponsored Awards -if any
Grade:12 Project Type: Individual		
Project Title: <i>TRPA1 as a Sensor of Skin Aging and Identification of Anti-Aging Agents</i>		

Mr Niraj Komatineni	OAS AWARD No Show	Sponsored Awards -if any
Grade:9 Project Type: Team		
Project Title: <i>Air Pressure's Effect On Plant Growth</i>		

Ms Alekya Raghavan	OAS AWARD Superior	Sponsored Awards -if any 080 1ST
Grade:10 Project Type: Team		
Project Title: <i>Farm to Fuel: The Efficacy of Biofuels from Agricultural Waste</i>		

Mr Nihar Rama	OAS AWARD Superior	Sponsored Awards -if any 080 2ND
Grade:11 Project Type: Team		
Project Title: <i>Effective Synthesis and Implementation of Organic Bioplastics</i>		

Ms Ahalya Ramesh	OAS AWARD Superior	Sponsored Awards -if any 080 2ND
Grade:10 Project Type: Team		
Project Title: <i>Farm to Fuel: The Efficacy of Biofuels from Agricultural Waste</i>		

Mr Scott James Shepherd	OAS AWARD No Show	Sponsored Awards -if any
Grade:9 Project Type: Team		
Project Title: <i>Air Pressure's Effect On Plant Growth</i>		

Mr Aditya Singh	OAS AWARD Superior	Sponsored Awards -if any 080 2ND
Grade:11 Project Type: Team		
Project Title: <i>Effective Synthesis and Implementation of Organic Bioplastics</i>		

William S Guy MS, Youngstown

Mr Zachary Grant	OAS AWARD Excellent	Sponsored Awards -if any
Grade:6 Project Type: Individual		
Project Title: <i>Marshmallow Science</i>		

Ms Krysten Fine	OAS AWARD Superior	Sponsored Awards -if any
Grade:6 Project Type: Team		
Project Title: <i>"Egg"stra Healthy Teeth</i>		

William S Guy MS, Youngstown

Ms Mya Griffin
Grade:6 Project Type: Team
Project Title: *Eating at a Pace*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Trinity Howard
Grade:6 Project Type: Team
Project Title: *Concentration*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Allyson Jones
Grade:6 Project Type: Team
Project Title: *"Egg"stra Healthy Teeth*

OAS AWARD
Superior

Sponsored Awards -if any

Ms Madison LaRosa
Grade:6 Project Type: Team
Project Title: *Concentration*

OAS AWARD
Excellent

Sponsored Awards -if any

Ms Marissa Wilson
Grade:6 Project Type: Team
Project Title: *Eating at a Pace*

OAS AWARD
Excellent

Sponsored Awards -if any

Wilson Hill ES, Worthington

Ms Kate Browning
Grade:5 Project Type: Individual
Project Title: *Memory... Paper Vs. Computer*

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Draven Burdock
Grade:5 Project Type: Individual
Project Title: *Airflow/ Turbulence Does the Style of a Toy Car Effect How Much Turbulence It Has?*

OAS AWARD
Excellent

Sponsored Awards -if any

Mr Luke Featherstone
Grade:5 Project Type: Individual
Project Title: *Are All Liquids Created Equal*

OAS AWARD
Superior

Sponsored Awards -if any

Mr Eliot Frank
Grade:5 Project Type: Individual
Project Title: *Hydropower*

OAS AWARD
No Show

Sponsored Awards -if any

Wilson Hill ES, Worthington

Ms Zahira McAdam **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Superior
Project Title: Does Grove Affect Mood?

Mr Ross Poppy **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Individual Excellent
Project Title: Chilln' With Dry Ice

Ms Annette Dawson **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Team Excellent
Project Title: Which Paper Towel is Strongest?

Ms Jennie Raynes **OAS AWARD** **Sponsored Awards -if any**
Grade:5 Project Type: Team Excellent
Project Title: Which Paper Towel is Strongest?

Worthington ES, Chillicothe

Mr Levahtty Beverly **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Good
Project Title: Is Water the Answer?

Ms Rachel Mallow **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Individual Superior
Project Title: How Does Color Affect Memory Recall?

Worthingway MS, Worthington

Mr Deependu Gupta **OAS AWARD** **Sponsored Awards -if any**
Grade:8 Project Type: Individual Superior
Project Title: Effects of X-ray Radiation on Crops

Wright Brothers Pre K-8 School, Dayton

Ms Sevda Ismailova **OAS AWARD** **Sponsored Awards -if any**
Grade:6 Project Type: Team Excellent
Project Title: To Chill or Not To Chill

Wright Brothers Pre K-8 School, Dayton

Ms Salvi Kambarova	OAS AWARD	Sponsored Awards -if any
Grade:8 Project Type: Team	Excellent	
Project Title: <i>To Chill or Not To Chill</i>		

Youngstown Christian, Youngstown

Mr Caleb Brown	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>5 Second Rule</i>		

Mr Scott Conner	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>What Material is Best for Weakening Magnetic Attraction?</i>		

Mr Luke Martinucci	OAS AWARD	Sponsored Awards -if any
Grade:7 Project Type: Individual	Excellent	
Project Title: <i>How do Wing Shape and Weight of Paper Affect the Flight of a Paper Plane</i>		

Zane Trace HS, Chillicothe

Mr Cody N Clark	OAS AWARD	Sponsored Awards -if any
Grade:9 Project Type: Individual	Excellent	
Project Title: <i>Quantitative Analysis of the Benefits of Crop Rotation using Glycine max.</i>		

Mr Lucas A Clark	OAS AWARD	Sponsored Awards -if any
Grade:10 Project Type: Individual	Excellent	059 5TH 175 SCH 192 SCH
Project Title: <i>Optimization of Conductivity in an Energy Recovery System</i>		

Ms Cassidy E Corcoran	OAS AWARD	Sponsored Awards -if any
Grade:11 Project Type: Individual	Superior	169 HM
Project Title: <i>Are All Calories Created Equal?</i>		

Ms Mariah J Cox	OAS AWARD	Sponsored Awards -if any
Grade:12 Project Type: Individual	Superior	018 1ST
Project Title: <i>Improving Seed Viability in Vegetable Soybeans</i>		

Ms Khiley Staples	OAS AWARD	Sponsored Awards -if any
Grade:10 Project Type: Individual	Excellent	034 3RD 169 HM
Project Title: <i>Healthy Baking</i>		

Zane Trace MS, Chillicothe

Mr Kody Haubeil Grade:8 Project Type: Individual Project Title: <i>Effects of Downforce</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Bowie Jones Grade:6 Project Type: Individual Project Title: <i>Bacteria in Water</i>	OAS AWARD Excellent	Sponsored Awards -if any 072 HM
Ms Storey McClelland Grade:8 Project Type: Individual Project Title: <i>Hands On Project</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Erin Nelson Grade:8 Project Type: Individual Project Title: <i>How Well Horses Learn</i>	OAS AWARD Superior	Sponsored Awards -if any
Mr Eli Preston Grade:8 Project Type: Individual Project Title: <i>Rotation Is Key</i>	OAS AWARD Excellent	Sponsored Awards -if any
Mr Dylan Wolfe Grade:8 Project Type: Individual Project Title: <i>Political Genes</i>	OAS AWARD Excellent	Sponsored Awards -if any
Ms Taylor Dearth Grade:6 Project Type: Team Project Title: <i>What Do Birds Prefer?</i>	OAS AWARD Superior	Sponsored Awards -if any
Ms Hannah Pickerrell Grade:6 Project Type: Team Project Title: <i>What Do Birds Prefer?</i>	OAS AWARD Superior	Sponsored Awards -if any