

<b>AWARD</b>	<b>Student First</b>	<b>Student Last</b>	<b>School</b>	<b>Grade</b>	<b>Project Title</b>
U.S. Metric Association Elementary	Sincere	Hopkins	Kennedy Primary Academy	4	The Balloon Powered Car
U.S. Metric Association Junior	Molly	Lenig	New Prairie Middle School	8	Simple Machines
U.S. Metric Association Senior	Elena	Krizman	Marian High School	10	Generating Electricity
American Meteorological Society Junior	Ryan	Goffinet	Christ The King School	7	Drying Up: Testing Evaporation
American Meteorological Society Senior	Alyssa	Ignaco	Adams High School	12	Air Pollution in Urban Street Canyons
Ricoh Sustainable Development Award Senior	Romikumar	Patel	Elkhart Memorial High School	12	Artificial Photosynthesis
Ricoh Sustainable Development Award Senior	Diego	Reynoso	Elkhart Memorial High School	12	Artificial Photosynthesis
ASU Rob and Melanie Walton Sustainability Solutions Initiatives Senior	Jasmine	Bontrager	Marian High School	11	Sudangrass and It's Recycling Process Used to Maximize a Farming Operation
ASU Rob and Melanie Walton Sustainability Solutions Initiatives Senior	Julia	Hunckler	Marian High School	12	Determining the Optimal Vegetation to Decrease Fertilizer Runoff
Association for Women Geoscientists Junior	Sobia	Ahmed	Schmucker Middle School	6	Rusting Out: How Acids Affect the Rate of Corrosion
NASA EARTH System Science Award	Aydin	Kurama	Northpoint Elementary School	3	Is it Possible to Make a Water Filter Using Household Materials?
Yale Science & Engineering Association 11th Grade	Charlotte	Voor	Marian High School	11	3D Printing Food
ETHOS Microscope Award Elementary	Caroline	Johnson	Horizon Elementary School	5	Do Age, Gender, and Prior Knowledge of the Monty Hall Question Have an Impact on How an Individual Plays Monty Knows Best?
ETHOS Microscope Award Elementary	Madeleine	Horvath	Kennedy Primary Academy	4	Paper vs Screen
ETHOS Microscope Award Elementary	Matias	Dahl	Prairie Vista	5	True or Not? Arid3a kills cancer cells
ETHOS Microscope Award Elementary	Raafe	Rahman	Northpoint Elementary School	4	Is There More DNA in Protein Rich Foods?

ETHOS Microscope Award Elementary	ARIS	HARTMAN	Elkhart Community Schools	5	Dubia Roach Nutrition
ETHOS Microscope Award Elementary	Samantha	Legge	Saint Matthew Cathedral School	5	Plants With and Without Water
ETHOS Microscope Award Elementary	Marley	Kakalia	Saint Matthew Cathedral School	5	Plants With and Without Water
ETHOS Microscope Award Elementary	Eowyn	Coman	NW Regional Home Schools	3	Plants in a Changing World
ETHOS Microscope Award Elementary	Dessie	Mikels-Carrasco	NW Regional Home Schools	4	Plants in a Changing World
ETHOS Microscope Award Elementary	Emma	Knowlton	Walkerton Elementary School	5	Under Pressure
ETHOS Microscope Award Elementary	Charlotte	Kaufhold	Kennedy Primary Academy	3	Stay Cool Breeze
ETHOS Microscope Award Elementary	JACK	WATSON	Elkhart Community Schools	5	What Beverage Stains Your Teeth the Most?
Buy Me Toys.Com Elementary Award	Devyn	Keller	Horizon Elementary School	4	How does Delta Wave Music affect restful sleep?
Buy Me Toys.Com Junior Award	TATUM	MONTAGUE	Elkhart Community Schools	7	Whodunnit?
Buy Me Toys.Com Senior Award	Charlotte	Voor	Marian High School	11	3D Printing Food
Expanding Your Horizons 6th Grade	Sobia	Ahmed	Schmucker Middle School	6	Rusting Out: How Acids Affect the Rate of Corrosion
Expanding Your Horizons 7th Grade	TATUM	MONTAGUE	Elkhart Community Schools	7	Whodunnit?
Expanding Your Horizons 8th Grade	MARA	HAKAJ	Elkhart Community Schools	8	If you plate it, it will grow
ASM Materials Education Foundation Junior	Sierra	Henthorn	Holy Family School	6	Which Metal Gets Coldest the Fastest?
Purdue Agriculture Award Elementary	Emma	Knowlton	Walkerton Elementary School	5	Under Pressure
Purdue Agriculture Award Junior	MARA	HAKAJ	Elkhart Community Schools	8	If you plate it, it will grow
Purdue Agriculture Award Senior	Julia	Hunckler	Marian High School	12	Determining the Optimal Vegetation to Decrease Fertilizer Runoff
Mu Alpha Theta Senior	Katherine	Henry	Marian High School	11	Political Memes
Biophysical Award	Emma	Kearns	Marian High School	11	The Recognition and Diagnosis of Sports Induced Concussions in High School Athletes Using Speech as the Biomarker

Stockholm Junior Water Prize Senior	Allison	Thornton	Marian High School	11	The Affect of Pollutants on the Growth of Filamentous Algae in the St. Joseph River
Stockholm Junior Water Prize Senior	Julia	Hunckler	Marian High School	12	Determining the Optimal Vegetation to Decrease Fertilizer Runoff
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Allison	Lee	Holy Family School	4	What is the Best Way to Prevent Apples from Browning?
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Jamiyah	Parahams	Holy Family School	4	What is the Best Way to Prevent Apples from Browning?
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Marie	Roach	Prairie Vista	3	Slippery Sledding
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Patrick	FiraneK	Prairie View Elementary School	4	Homemade Batteries
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Michael	Solymosi	North Liberty Elementary School	4	Light Bulbs- Wasting Electricity
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Travis	Barnhart	Triton Elementary School	4	There's Energy Blowing In The Wind
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Katie	Cerling	Bittersweet Elementary School	5	The Best Clean-Up for Your Cash
Reilly Center for Science, Technology, and Values Newton's Cradle Award	Inas	Heryadi	Prairie Vista	5	Wi-Fi Coverage
Reilly Center for Science, Technology, and Values Newton's Cradle Award	MYLES	SANFORD	Elkhart Community Schools	5	Mesh Size Effect on Rate of Dissolution & Reaction

Reilly Center for Science, Technology, and Values Newton's Cradle Award	Aydin	Kurama	Northpoint Elementary School	3	Is it Possible to Make a Water Filter Using Household Materials?
Reilly Center for Science, Technology, and Values Newton's Cradle Award	NATHAN	WINDY	Elkhart Community Schools	3	Earth Shake
American Psychological Association Junior	Wilson	Shrout	Discovery Middle School	8	Going with the flow
NOAA Taking Pulse of the Planet Award Senior	James	Twaddle	Marian High School	12	Optimization of Quartz Capillary Tubes in a Shashlik Electromagnetic Calorimeter for High Energy Physics Particle Detection and Calorimetry
Broadcom MASTERS Rising Stars Competition Junior	Olivia	Schroeder	New Prairie Middle School	7	Hydraulic Cylinders
Broadcom MASTERS Rising Stars Competition Junior	Grace	Yuhas	Christ The King School	7	The Best Electrode Is...
Broadcom MASTERS Rising Stars Competition Junior	Cole	Klinedinst	Discovery Middle School	6	Capacitors - How much energy can a Leyden jar store?
Broadcom MASTERS Rising Stars Competition Junior	Maddie	Cerney	Saint Matthew Cathedral School	7	It's The Bomb! Using Bomb Calorimetry to Measure Calories.
Broadcom MASTERS Rising Stars Competition Junior	Maximilian	Niebur	Saint Anthony De Padua School	8	Effects of Corrosion on the Strength of Metals
Broadcom MASTERS Rising Stars Competition Junior	Faisal	Syed	Schmucker Middle School	6	The correlation between feeding antioxidants and Drosophila melanogaster longevity
Broadcom MASTERS Rising Stars Competition Junior	Tyler	Cybulski	Saint Anthony De Padua School	8	The Effects of Food and Density on Mosquito Development
Broadcom MASTERS Rising Stars Competition Junior	Grace	Jones	New Prairie Middle School	7	How Does Weather Affect Bacteria, Macroinvertebrates, and Natural Water Qualities?
Broadcom MASTERS Rising Stars Competition Junior	Zachary	Doctor	Christ The King School	7	The Effectiveness of Specific Spectrums of Visible Light on the Growth of Radishes

Broadcom MASTERS Rising Stars Competition Junior	Wilson	Shrout	Discovery Middle School	8	Going with the flow
Intel Excellence in Computer Science	Anthony	Kramer	Marian High School	12	ALPHA - A Humanoid Robotic System with an Artificial Intelligence
Intel Excellence in Computer Science	Samuel	Chippas	Marian High School	12	ALPHA - A Humanoid Robotic System with an Artificial Intelligence
U.S. Navy/U.S. Marine Corps Junior	Jack	Szymanski	Saint Matthew Cathedral School	7	Duck Boat
U.S. Navy/U.S. Marine Corps Junior	Noah	Otiato	Saint Matthew Cathedral School	7	Duck Boat
U.S. Navy/U.S. Marine Corps Junior	Zach	DeNeve	Saint Anthony De Padua School	6	Magnetic Launcher
U.S. Navy/U.S. Marine Corps Junior	Oliver	Kaufhold	Christ The King School	7	Pee is for Power
U.S. Navy/U.S. Marine Corps Senior	Karen	Hunckler	Marian High School	10	How much energy is released when certain oil solutions are burned as biodiesel?
U.S. Navy/U.S. Marine Corps Senior	Brock	Berta	Marian High School	11	Synthesis of Uranium Complexes Involving Transition Metals
Society for in Vitro Biology 11th Grade	Caroline	Pitts	Adams High School	11	Pavlovian Conditioning of Planaria
US Army	Anthony	Kramer	Marian High School	12	ALPHA - A Humanoid Robotic System with an Artificial Intelligence
US Army	Samuel	Chippas	Marian High School	12	ALPHA - A Humanoid Robotic System with an Artificial Intelligence
US Army	Joshua	Davis	Trinity School At Greenlawn	11	An experimental study of the effects of immune cells in bone marrow on bone growth
US Army	Joseph	Capdevielle	Trinity School At Greenlawn	11	An experimental study of the effects of immune cells in bone marrow on bone growth
US Army	Yu Jin	Lee	Culver Academies	12	Profile of the GPER1 Expression in the Cerebellum and CA1 over Lifespan
US Army	Alex	Kokot	Marian High School	12	Analysis and Thermodynamics of U 4+ SO 4 Compounds
U.S. Air Force Office of Research Junior/Senior	Patrick	Loesch	Saint Matthew Cathedral School	6	It Is Rocket Science!
U.S. Air Force Office of Research Junior/Senior	Chase	Brackeen	New Prairie Middle School	8	Hydrogen...The Fuel Of Our Future
U.S. Air Force Office of Research Junior/Senior	Ian	Efsits	Elkhart Memorial High School	10	Radio Telescope: Adjustable Triple Dipole Antenna Array
U.S. Air Force Office of Research Junior/Senior	Kara	Foldesi	Marian High School	11	A Circuit for the Measurement of Ferroelectric Polarization

American Society of Quality - Elementary 1st Place	Colin	George	Saint Joseph - South Bend Elementary School	5	Are You Sure That Water is Safe?
American Society of Quality - Elementary 2nd Place	Caroline	Johnson	Horizon Elementary School	5	Do Age, Gender, and Prior Knowledge of the Monty Hall Question Have an Impact on How an Individual Plays Monty Knows Best?
American Society of Quality - Junior 2nd Place	Maddie	Cerney	Saint Matthew Cathedral School	7	It's The Bomb! Using Bomb Calorimetry to Measure Calories.
American Society of Quality - Senior 1st Place	Dennis	Mammolenti	Marian High School	11	Superior Anti-tumor Effect of Nanoparticle Albumin-bound Paclitaxel in Experimental Esophageal Adenocarcinoma
American Society of Quality - Senior 2nd Place	Joshua	Davis	Trinity School At Greenlawn	11	An experimental study of the effects of immune cells in bone marrow on bone growth
American Society of Quality - Senior 2nd Place	Joseph	Capdevielle	Trinity School At Greenlawn	11	An experimental study of the effects of immune cells in bone marrow on bone growth
American Society of Quality -Junior 1st Place	Grace	Jones	New Prairie Middle School	7	How Does Weather Affect Bacteria, Macroinvertebrates, and Natural Water Qualities?
American Society of Quality -TOP Award All Divisions	Allison	Thornton	Marian High School	11	The Affect of Pollutants on the Growth of Filamentous Algae in the St. Joseph River
SJC ACS Award grade 3	HEYDEN	DINEHART	Elkhart Community Schools	3	What is Conductive?
SJC ACS Award grade 4	Kathryn	Flora	Kennedy Primary Academy	4	You Better Wear Shades
SJC ACS Award grade 5	Keyton	Doran	Saint Michael School	5	A Battery That Makes Cents
SJC ACS Award grade 6	Alex	Lenig	New Prairie Middle School	6	Earthquake Shake
SJC ACS Award grade 7	Olivia	Schroeder	New Prairie Middle School	7	Hydraulic Cylinders
SJC ACS Award grade 8	Molly	Lenig	New Prairie Middle School	8	Simple Machines
SJC ACS Award grade 9	Kelly	Skwarcian	Marian High School	9	Are Antimicrobial Agents Present on Cellphones, Keyboards and Currency?
SJC ACS Award grade 10	Karen	Hunckler	Marian High School	10	How much energy is released when certain oil solutions are burned as biodiesel?
SJC ACS Award grade 11	Dennis	Mammolenti	Marian High School	11	Superior Anti-tumor Effect of Nanoparticle Albumin-bound Paclitaxel in Experimental Esophageal Adenocarcinoma

SJC ACS Award grade 12	Alex	Kokot	Marian High School	12	Analysis and Thermodynamics of U 4+ SO 4 Compounds
Serim Research Awards Elementary	Dylan	Brown	Horizon Elementary School	4	Which fin keeps the boat from rocking?
Serim Research Awards Elementary	Ella	Smoker	Meadow's Edge Elementary	5	Color Revival
Serim Research Awards Elementary	Tyler	Carrington	Concord Intermediate School	5	Can Acids Affect The Rate of Corrosion?
Serim Research Awards Elementary	Sincere	Hopkins	Kennedy Primary Academy	4	The Balloon Powered Car
Serim Research Awards Elementary	Selene	Koremenos-Tsebelis	Kennedy Primary Academy	4	Building Castles in the Sand in an Age of Global Warming
Serim Research Awards Elementary	Greta	Lannon	Prairie Vista	5	Flower Power; How to Keep your Cut Flowers Alive
Serim Research Awards Elementary	Zaina	Arain	Northpoint Elementary School	4	Sassy Plants Spoiled by Different Soils
Serim Research Awards Elementary	Colin	George	Saint Joseph - South Bend Elementary School	5	Are You Sure That Water is Safe?
Serim Research Awards Elementary	Gentry	McDuffee	Concord East Side Elem School	3	Are you color blind?
Serim Research Awards Elementary	Anna	Cullinan	Saint Joseph - South Bend Elementary School	5	Food Spoilage: What Material Best Prevents Bananas from Spoiling?
Sigma Xi, UND - Saint Mary's College Elementary	Isabela	Mendoza	Concord Intermediate School	5	What Melts Ice the Fastest?
Sigma Xi, UND - Saint Mary's College Junior	MEriELLA	STALTARI	Elkhart Community Schools	6	What's up With Your Hair
Sigma Xi, UND - Saint Mary's College Senior	Yu Jin	Lee	Culver Academies	12	Profile of the GPER1 Expression in the Cerebellum and CA1 over Lifespan
South Bend Medical Foundation Award Elementary	Sophia	Haahr	Northpoint Elementary School	4	Got Lactose
South Bend Medical Foundation Award Junior	Samuel	Thomas	Christ The King School	7	Natural Antibiotics
South Bend Medical Foundation Award Senior	Makaila	Ranges	Marian High School	11	Serious Comorbidities and Cancer Survivors Quality of Life

Water Crusader Award Elementary	OWEN	MARKS	Elkhart Community Schools	3	Well vs City: Which Water Grows Houseplants Better?
Water Crusader Award Elementary	Samantha	Legge	Saint Matthew Cathedral School	5	Plants With and Without Water
Water Crusader Award Elementary	Marley	Kakalia	Saint Matthew Cathedral School	5	Plants With and Without Water
Water Crusader Award Elementary	Samantha	Middaugh	Triton Elementary School	4	Know your H2O
Water Crusader Award Elementary	Colin	George	Saint Joseph - South Bend Elementary School	5	Are You Sure That Water is Safe?
Water Crusader Award Elementary	Aydin	Kurama	Northpoint Elementary School	3	Is it Possible to Make a Water Filter Using Household Materials?
Water Crusader Award Junior	GABRIEL	WOOD	Elkhart Community Schools	6	Are You Green?
Water Crusader Award Junior	Maggie	Kearns	Saint Joseph - South Bend Elementary School	7	Erosion at the Indiana Dunes State Park
Water Crusader Award Junior	Nolan	Gerwels	Discovery Middle School	7	What is the Best Alternative to Road Salt
Water Crusader Award Junior	Maria	Stroik	Saint Matthew Cathedral School	6	Deadly Lead
Water Crusader Award Junior	Sarah	Lara	Saint Matthew Cathedral School	6	Water filtration systems to help the world
Water Crusader Award Junior	Hannah	Tran	Saint Matthew Cathedral School	6	Water filtration systems to help the world
Harper Cancer Research Institute Award	Sarah	Burns	Marian High School	11	Are cisplatin-induced genes dependent on cancer cell type?
Harper Cancer Research Institute Award	Makaila	Ranges	Marian High School	11	Serious Comorbidities and Cancer Survivors Quality of Life
Science Policy Initiative Elementary 1st Place	Colin	George	Saint Joseph - South Bend Elementary School	5	Are You Sure That Water is Safe?
Science Policy Initiative Elementary Honorable Mention	Aydin	Kurama	Northpoint Elementary School	3	Is it Possible to Make a Water Filter Using Household Materials?
Science Policy Initiative Junior 1st Place	Maggie	Kearns	Saint Joseph - South Bend Elementary School	7	Erosion at the Indiana Dunes State Park
Science Policy Initiative Junior Honorable Mention	Alex	Lenig	New Prairie Middle School	6	Earthquake Shake



Science Policy Initiative Senior 1st Place	Julia	Hunckler	Marian High School	12	Determining the Optimal Vegetation to Decrease Fertilizer Runoff
Science Policy Initiative Senior Honorable Mention	Amanda	Shrock	Marian High School	9	Percentages of GMOs In Various Food Products
5th grade STARBASE Excellence in STEM Award	Colin	George	Saint Joseph - South Bend Elementary School	5	Are You Sure That Water is Safe?
6th grade STARBASE Excellence in STEM Award	Matteo	Vargas	Elkhart Community Schools	6	Bristle Bots
7th grade STARBASE Excellence in STEM Award	Nolan	Gerwels	Discovery Middle School	7	What is the Best Alternative to Road Salt
8th grade STARBASE Excellence in STEM Award	Maximilian	Niebur	Saint Anthony De Padua School	8	Effects of Corrosion on the Strength of Metals
Feynman Award for Enthusiasm and Scientific Curiosity	Hunter	Renner	Marian High School	9	What Type of Sweeteners do Drosophila Prefer, Natural or Artificial?
Spirit of Science Award (attend COS-JAM)	Maximilian	Niebur	Saint Anthony De Padua School	8	Effects of Corrosion on the Strength of Metals
Spirit of Science Award (attend COS-JAM)	Maddie	Cerney	Saint Matthew Cathedral School	7	It's The Bomb! Using Bomb Calorimetry to Measure Calories.
Spirit of Science Award (attend COS-JAM)	Cole	Klinedinst	Discovery Middle School	6	Capacitors - How much energy can a Leyden jar store?
Spirit of Science Award (attend COS-JAM)	Grace	Weaver	Saint Pius X School	7	The Effect of Fertilizer on Grass Growth
Spirit of Science Award (attend COS-JAM)	Grace	Jones	New Prairie Middle School	7	How Does Weather Affect Bacteria, Macroinvertebrates, and Natural Water Qualities?
Spirit of Science Award (attend COS-JAM)	Jonathan	Yang	The Montessori Aca At Edison Lakes	8	Drink This but Not That.....
Michiana Astronomical Society	Ian	Efsits	Elkhart Memorial High School	10	Radio Telescope: Adjustable Triple Dipole Antenna Array
Michiana Astronomical Society	Talon	Hawkey	Elkhart Memorial High School	12	Experimentation With Plasma Contained in a Vacuum Chamber
Michiana Astronomical Society	Louel	Lucas	Elkhart Memorial High School	12	Experimentation With Plasma Contained in a Vacuum Chamber
Science in Society Award	Taylor	Kovacs	Marian High School	11	How educational games can affect the attention span of students in class
Joint Institute for Nuclear Astrophysics	Chloe	Prikosovich	Kennedy Primary Academy	4	The Scoop On Poop!
Marian High School 8th Grade Award	Tyler	Cybulski	Saint Anthony De Padua School	8	The Effects of Food and Density on Mosquito Development

Karen Morris Award	Oliver	Kaufhold	Christ The King School	7	Pee is for Power
St. Mary's College - Society of Women Engineers Award	Evelyn	Shrout	Northpoint Elementary School	5	Can You Cheat the Water Bottle Game?
St. Mary's College - Society of Women Engineers Award	Grace	Yuhas	Christ The King School	7	The Best Electrode Is...
St. Mary's College - Dineen Award Elementary	Selene	Koremenos-Tsebelis	Kennedy Primary Academy	4	Building Castles in the Sand in an Age of Global Warming
St. Mary's College - Dineen Award Junior	Nadalyn	Gerwels	Discovery Middle School	6	Does Microwave Radiation Affect Living Organisms
St. Mary's College - Dineen Award Senior	Allison	Thornton	Marian High School	11	The Affect of Pollutants on the Growth of Filamentous Algae in the St. Joseph River
Advanced Diagnostics & Therapeutics Initiative at Notre Dame Award	Chris	Trippel	Marian High School	12	Extensively Low-Cost PCR Using an Automated Firmware-free design
ND Energy - Top Junior Energy Related Award	Cole	Klinedinst	Discovery Middle School	6	Capacitors - How much energy can a Leyden jar store?
ND Energy - Top Senior Energy Related Award	Romikumar	Patel	Elkhart Memorial High School	12	Artificial Photosynthesis
ND Energy - Top Senior Energy Related Award	Diego	Reynoso	Elkhart Memorial High School	12	Artificial Photosynthesis
Center for STEM Education Summer Camp Award	Cyrus	Szymusiak	Saint Michael School	7	Von Willebrand: Improving on Current Test Conditions for Diagnosis
Center for STEM Education Summer Camp Award	Sean	Brown	Saint Anthony De Padua School	6	Does the P.S.I. in a football make it better or worse to throw?
Center for STEM Education Summer Camp Award	MacKenzie	Schmeltz	Saint Pius X School	7	The Effects of Chapstick on Bacteria and Yeast
DNA learning Center Elementary Award Runner-Up	Michaela	Hurford	Walkerton Elementary School	4	Photosynthesis
DNA learning Center Elementary Award Runner-Up	Will	Hurst	Horizon Elementary School	4	Does gender affect how humans perceive facial expressions?

DNA learning Center Elementary Award Top	Colin	George	Saint Joseph - South Bend Elementary School	5	Are You Sure That Water is Safe?
DNA learning Center Elementary Award Top	Nadalyn	Gerwels	Discovery Middle School	6	Does Microwave Radiation Affect Living Organisms
DNA Learning Center Junior Award	MARA	HAKAJ	Elkhart Community Schools	8	If you plate it, it will grow
DNA Learning Center Junior Award	Zachary	Doctor	Christ The King School	7	The Effectiveness of Specific Spectrums of Visible Light on the Growth of Radishes
Notre Dame Psychology Dept. Award Elementary	Madeleine	Horvath	Kennedy Primary Academy	4	Paper vs Screen
Notre Dame Psychology Dept. Award Junior	Carson	RICHARDS	Elkhart Community Schools	8	Can You Trust Your Memory?
Notre Dame Mathematics Department Award Elementary	Evelyn	Shrout	Northpoint Elementary School	5	Can You Cheat the Water Bottle Game?
Notre Dame Mathematics Department Award Junior	Jared	Reeves	Mishawaka Catholic School	8	Password Security
Notre Dame Mathematics Department Award Senior	Lindsey	Mathew	Marian High School	10	Blood Splatter Analysis
Notre Dame Physics Club Elementary	Evelyn	Shrout	Northpoint Elementary School	5	Can You Cheat the Water Bottle Game?
Notre Dame Physics Club Junior	Molly	Lenig	New Prairie Middle School	8	Simple Machines
Notre Dame Physics Club Junior	Patrick	Loesch	Saint Matthew Cathedral School	6	It Is Rocket Science!
Notre Dame Physics Club Senior	Ian	Efsits	Elkhart Memorial High School	10	Radio Telescope: Adjustable Triple Dipole Antenna Array
Nripen Biswas Award (Physics) Elementary	Michael	Greenlee	Prairie Vista	5	How Much Height to Loop the Loop?
Kathleen Delanghe (Physics) Junior	Josh	Culver	Saint Joseph - South Bend Elementary School	7	Does Gear Ratio make a Difference?
Notre Dame Chemistry Junior	Maddie	Cerney	Saint Matthew Cathedral School	7	It's The Bomb! Using Bomb Calorimetry to Measure Calories.

Notre Dame Chemistry Senior	Alex	Kokot	Marian High School	12	Analysis and Thermodynamics of U 4+ SO 4 Compounds
Notre Dame Biology Elementary	Elyse	Royer	Northpoint Elementary School	4	5 Second Rule: Fact or Fiction?
Notre Dame Biology Junior	Zachary	Doctor	Christ The King School	7	The Effectiveness of Specific Spectrums of Visible Light on the Growth of Radishes
Notre Dame Biology Senior	Caroline	Pitts	Adams High School	11	Pavlovian Conditioning of Planaria
Advance to Hoosier Science and Engineering Fair	Caroline	Johnson	Horizon Elementary School	5	Do Age, Gender, and Prior Knowledge of the Monty Hall Question Have an Impact on How an Individual Plays Monty Knows Best?
Advance to Hoosier Science and Engineering Fair	Sophia	Haahr	Northpoint Elementary School	4	Got Lactose
Advance to Hoosier Science and Engineering Fair	Isabela	Mendoza	Concord Intermediate School	5	What Melts Ice the Fastest?
Advance to Hoosier Science and Engineering Fair	Selene	Koremenos-Tsebelis	Kennedy Primary Academy	4	Building Castles in the Sand in an Age of Global Warming
Advance to Hoosier Science and Engineering Fair	Faisal	Syed	Schmucker Middle School	6	The correlation between feeding antioxidants and Drosophila melanogaster longevity
Advance to Hoosier Science and Engineering Fair	Tyler	Cybulski	Saint Anthony De Padua School	8	The Effects of Food and Density on Mosquito Development
Advance to Hoosier Science and Engineering Fair	Grace	Jones	New Prairie Middle School	7	How Does Weather Affect Bacteria, Macroinvertebrates, and Natural Water Qualities?
Advance to Hoosier Science and Engineering Fair	Cole	Klinedinst	Discovery Middle School	6	Capacitors - How much energy can a Leyden jar store?
Advance to Hoosier Science and Engineering Fair	Maddie	Cerney	Saint Matthew Cathedral School	7	It's The Bomb! Using Bomb Calorimetry to Measure Calories.
Advance to Hoosier Science and Engineering Fair	Maximilian	Niebur	Saint Anthony De Padua School	8	Effects of Corrosion on the Strength of Metals
Advance to Hoosier Science and Engineering Fair	Caroline	Pitts	Adams High School	11	Pavlovian Conditioning of Planaria

Advance to Hoosier Science and Engineering Fair	Taylor	Kovacs	Marian High School	11	How educational games can affect the attention span of students in class
Advance to Hoosier Science and Engineering Fair	Emma	Kearns	Marian High School	11	The Recognition and Diagnosis of Sports Induced Concussions in High School Athletes Using Speech as the Biomarker
Advance to Hoosier Science and Engineering Fair	Dennis	Mammolenti	Marian High School	11	Superior Anti-tumor Effect of Nanoparticle Albumin-bound Paclitaxel in Experimental Esophageal Adenocarcinoma
Advance to Hoosier Science and Engineering Fair	Julia	Hunckler	Marian High School	12	Determining the Optimal Vegetation to Decrease Fertilizer Runoff
Advance to Hoosier Science and Engineering Fair	Kelly	Skwarcan	Marian High School	9	Are Antimicrobial Agents Present on Cellphones, Keyboards and Currency?
Advance to Hoosier Science and Engineering Fair	Alex	Kokot	Marian High School	12	Analysis and Thermodynamics of U 4+ SO 4 Compounds
Advance to Hoosier Science and Engineering Fair	James	Twaddle	Marian High School	12	Optimization of Quartz Capillary Tubes in a Shashlik Electromagnetic Calorimeter for High Energy Physics Particle Detection and Calorimetry
Advance to Hoosier Science and Engineering Fair	Anthony	Kramer	Marian High School	12	ALPHA - A Humanoid Robotic System with an Artificial Intelligence
Advance to Hoosier Science and Engineering Fair	Samuel	Chippas	Marian High School	12	ALPHA - A Humanoid Robotic System with an Artificial Intelligence
Advance to Hoosier Science and Engineering Fair	Chris	Trippel	Marian High School	12	Extensively Low-Cost PCR Using an Automated Firmware-free design
Mario Borelli Award	Kassidy	Pentelow	Meadow's Edge Elementary	5	Resistance Vs. Temperature
Emil T. Hofman Award	Caroline	Johnson	Horizon Elementary School	5	Do Age, Gender, and Prior Knowledge of the Monty Hall Question Have an Impact on How an Individual Plays Monty Knows Best?
IUSB Junior Researcher Award in Life Science	Faisal	Syed	Schmucker Middle School	6	The correlation between feeding antioxidants and Drosophila melanogaster longevity
IUSB Junior Researcher Award in Physical Science	Maddie	Cerney	Saint Matthew Cathedral School	7	It's The Bomb! Using Bomb Calorimetry to Measure Calories.

Notre Dame College of Engineering Dean Award	James	Twaddle	Marian High School	12	Optimization of Quartz Capillary Tubes in a Shashlik Electromagnetic Calorimeter for High Energy Physics Particle Detection and Calorimetry
Notre Dame College of Science Dean Award	Julia	Hunckler	Marian High School	12	Determining the Optimal Vegetation to Decrease Fertilizer Runoff