

Junior Division Category Winners

Place	Category	First Name	Last Name	School	Project Title
4	Biological Sciences	Connor	Sarrat	Christian Brothers	What Color Lights Are Insects Attracted To
4	Biological Sciences	Blake	Ziegler	Holy Cross	Do video games affect blood pressure?
4	Chemistry	Charles	Wellington	Holy Cross	What type of tinder provides the most effective heat source?
4	Chemistry	Serena	Crane	Riverdale Middle	Does the type of polystyrene affect the dissolving rate in acetone?
4	Earth & Planetary Science	Alex	Paradis	Holy Cross	Tracking geomagnetic storms in the ionosphere
4	Earth & Planetary Science	Colton	Kendrick	John Curtis Christian	Can An Amateur Shark Tooth Collector Accurately Match the Fossil to the Correct Shark Species?
4	Energy & Transportation	Naaman	Stewart	John Curtis Christian	Can a Photovoltaic Panel Effectively Work with Artificial Lighting?
4	Energy & Transportation	Vanessa	Rosario	T.H. Harris Middle School	Can Solar Powered Desalination be the answer to our water shortage issues?

Place	Category	First Name	Last Name	School	Project Title
4	Engineering	Glenn	Gillen	Christian Brothers	Using Unrecyclable Materials in Concrete
4	Engineering	Maham	Chaudhry	Riverdale Middle	Does the size of the parachute affect how long it takes to fall?
4	Environmental Sciences	Matthew	Marino	St. Matthew the Apostle School	How does temperature affect the output of a solar cell
4	Environmental Sciences	Trinity	Ellsworth	Lake Forest Elementary Charter School	Is Fracking Polluting the Water System
4	Mathematics and Computers	Tyler	Dunn	John Curtis Christian	How Easily Can Your Password Be Hacked?
4	Mathematics and Computers	Haseeb	Chaudhry	Riverdale Middle	Does the type of browser affect how fast a search engine searches up a word or engine?
4	Mathematics and Computers	Taj	Phillips	T.H. Harris Middle School	How does body and trajectory affect the success rate of making a free throw?
4	Physics and Astronomy	Anthony	Monistere	St. Benilde	What variables will affect the period of a pendulum?
4	Physics and Astronomy	Reed	Wakefield	Christian Brothers	Is It Worth the Green to Go Green

Place	Category	First Name	Last Name	School	Project Title
4	Plant Sciences	Macallister	Davis	Ursuline Academy	Hydroponics vs. Soil
4	Plant Sciences	Kaitlin	Nguyen	Ursuline Academy	Hydroponics vs. Soil
4	Plant Sciences	Hunter	Lassere	Christian Brothers	Aquaponics

Place	Category	First Name	Last Name	School	Project Title
3	Biological Sciences	Dejane	Jenkins	Lake Forest Elementary Charter School	What can I eat?
3	Chemistry	Vaughn	Terrell	Benjamin Franklin Elementary	There's Arsenic in My Rice!
3	Earth & Planetary Science	Mary Ann	Nguyen	Lake Forest Elementary Charter School	Compressing Sand
3	Energy & Transportation	Eric	Humphries	Haynes Academy for Advanced Studies	How do weight placement and ramp shape affect a car's speed and distance?
3	Engineering	John	Tran	Lake Forest Elementary Charter School	Straw Gripping Robot
3	Environmental Sciences	Jay	Beatmann	Holy Cross	The effects of different oils on aquatic plants
3	Environmental Sciences	Colin	Doody	Holy Cross	The effects of different oils on aquatic plants
3	Environmental Sciences	Cade	Martin	Holy Cross	The effects of different oils on aquatic plants
3	Mathematics and Computers	Theodore	Fang	Haynes Academy for Advanced Studies	Driving Activities Effect on Driving

Place	Category	First Name	Last Name	School	Project Title
3	Physics and Astronomy	Catherine	Mercatante	St. Benilde	Bouncing Back!
3	Plant Sciences	Lily	Andrews	Haynes Academy for Advanced Studies	What types of fruit will go bad quicker?

Place	Category	First Name	Last Name	School	Project Title
2	Biological Sciences	Abby	Owens	John Curtis Christian	Does Color Affect Memory
2	Chemistry	Lamya	Ahmad	T.H. Harris Middle School	Chemistry of Cooking: How does Baking Soda get a rise out of Muffins?
2	Earth & Planetary Science	Dax	Ford	John Curtis Christian	Tsunami Defenses, Can We Keep the Waves Away?
2	Energy & Transportation	Vincent	Nguyen	Lake Forest Elementary Charter School	Fuels Cells, H2O Power
2	Engineering	Brianna	Claverie	Lake Forest Elementary Charter School	Coin Currents
2	Environmental Sciences	Tyler	Turner	Lake Forest Elementary Charter School	Alternative Roofs
2	Mathematics and Computers	Don	Wilson	Benjamin Franklin Elementary	Fast and Furious Math
2	Physics and Astronomy	Dane	Pollard	Benjamin Franklin Elementary	Good Vibrations
2	Plant Sciences	Sean	Kelly	Haynes Academy for Advanced Studies	Does Plant Transpiration Occur At Night?

Place	Category	First Name	Last Name	School	Project Title
1	Biological Sciences	Myles	Sanders	Holy Cross	Mental focus of different genders
1	Chemistry	Meagan	Kelly	Haynes Academy for Advanced Studies	Ready Set Glow
1	Earth & Planetary Science	Isabella	Pita	John Curtis Christian	What Factors Inhibit Soil Percolation?
1	Energy & Transportation	Neelambar	Mondal	Haynes Academy for Advanced Studies	Winglets: One Small Wing Extension, One Giant Change in Flight Distance
1	Engineering	Ronny	Murillo	T.H. Harris Middle School	Could Robinson Crusoe have Kept Himself Hydrated with Solar Power
1	Environmental Sciences	Nic	Lobrano	Christian Brothers	Oil Spill Dispersents
1	Mathematics and Computers	Ronnie	Bergeron	St. Benilde	What Materials Block a Wi-Fi Signal?
1	Physics and Astronomy	Isaiah	Rouzan	Lake Forest Elementary Charter School	An Elevator's Physics, Engineering, and Mechanics
1	Plant Sciences	Maria Isabella	Frey-Riberio	Ursuline Academy	Comparing Soils on the Growth of Marigolds

Place	Category	First Name	Last Name	School	Project Title
1	Plant Sciences	Alexandra	Sabrio	Ursuline Academy	Comparing Soils on the Growth of Marigolds

Junior Division Special Award Winners

Category	Place	First Name	Last Name	School	Teacher	Project Title
American Institute of Aeronautics and Astronautics (AIAA) Greater New Orleans Section						
Energy & Transportation	3	Vincent	Nguyen	Lake Forest Elementary Charter School	Wallace, April	Fuels Cells, H2O Power
Energy & Transportation	2	Neelambar	Mondal	Haynes Academy for Advanced Studies	Stephens, Susan	Winglets: One Small Wing Extension, One Giant Change in Flight Distance
Physics and Astronomy	1	Isaiah	Rouzan	Lake Forest Elementary Charter School	Marla Watts	An Elevator's Physics, Engineering, and Mechanics
American Society of Civil Engineers - New Orleans Branch						
Engineering	2	Joshua	Dudenhoeffer	John Curtis Christian	Kathy Bush	Does a Beam Bridge Hold More Weight Than a Suspension Bridge?
Engineering	1	Dominic	Stoner	Christian Brothers	Konersmann, Bro. Laurence	What Ratio of Sand/Gravel Is Best?

Category	Place	First Name	Last Name	School	Teacher	Project Title
American Welding Society - New Orleans Section						
Physics and Astronomy	2	Jude	Tullier	John Curtis Christian	Gabby Bridges	Do Aluminum Bats Really Give an Advantage to Baseball Players?
Physics and Astronomy	1	Isaiah	Rouzan	Lake Forest Elementary Charter School	Marla Watts	An Elevator's Physics, Engineering, and Mechanics
Association for Women Geoscientists Foundation						
Earth & Planetary Science	1	Isabella	Pita	John Curtis Christian	Kathy Bush	What Factors Inhibit Soil Percolation?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Broadcom MASTERS						
Biological Sciences	1	Myles	Sanders	Holy Cross	Tara Lavender	Mental focus of different genders
Biological Sciences	1	Abby	Owens	John Curtis Christian	Cathy Boucvalt	Does Color Affect Memory
Chemistry	1	Meagan	Kelly	Haynes Academy for Advanced Studies	Stephens, Susan	Ready Set Glow
Chemistry	1	Lamya	Ahmad	T.H. Harris Middle School	Shannon, Don	Chemistry of Cooking: How does Baking Soda get a rise out of Muffins?
Earth & Planetary Science	1	Dax	Ford	John Curtis Christian	Bridges, Gabby	Tsunami Defenses, Can We Keep the Waves Away?
Earth & Planetary Science	1	Isabella	Pita	John Curtis Christian	Kathy Bush	What Factors Inhibit Soil Percolation?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Engineering	1	Ronny	Murillo	T.H. Harris Middle School	Shannon, Don	Could Robinson Crusoe have Kept Himself Hydrated with Solar Power
Engineering	1	Brianna	Claverie	Lake Forest Elementary Charter School	Wallace, April	Coin Currents
Energy & Transportation	1	Neelambar	Mondal	Haynes Academy for Advanced Studies	Stephens, Susan	Winglets: One Small Wing Extension, One Giant Change in Flight Distance
Energy & Transportation	1	Vincent	Nguyen	Lake Forest Elementary Charter School	Wallace, April	Fuels Cells, H2O Power
Environmental Sciences	1	Nic	Lobrano	Christian Brothers	Konersmann, Bro. Laurence	Oil Spill Dispersents
Environmental Sciences	1	Tyler	Turner	Lake Forest Elementary Charter School	Wallace, April	Alternative Roofs
Mathematics and Computers	1	Don	Wilson	Benjamin Franklin Elementary	Fontenot, Mi Wha	Fast and Furious Math

Category	Place	First Name	Last Name	School	Teacher	Project Title
Mathematics and Computers	1	Ronnie	Bergeron	St. Benilde	Wilson, Cecilia	What Materials Block a Wi-Fi Signal?
Physics and Astronomy	1	Dane	Pollard	Benjamin Franklin Elementary	Fontenot, Mi Wha	Good Vibrations
Physics and Astronomy	1	Isaiah	Rouzan	Lake Forest Elementary Charter School	Marla Watts	An Elevator's Physics, Engineering, and Mechanics
Plant Sciences	1	Sean	Kelly	Haynes Academy for Advanced Studies	Stephens, Susan	Does Plant Transpiration Occur At Night?
Destrehan Robotics Team						
Engineering	1	John	Tran	Lake Forest Elementary Charter School	Marla Watts	Straw Gripping Robot

Category	Place	First Name	Last Name	School	Teacher	Project Title
Grand Award						
Energy & Transportation	1	Neelambar	Mondal	Haynes Academy for Advanced Studies	Stephens, Susan	Winglets: One Small Wing Extension, One Giant Change in Flight Distance
Mathematics and Computers	1	Don	Wilson	Benjamin Franklin Elementary	Fontenot, Mi Wha	Fast and Furious Math
Gulf Coast Safety and Training Group						
Biological Sciences	1	Abby	Owens	John Curtis Christian	Cathy Boucvalt	Does Color Affect Memory
MENSA - (The High IQ Society), N.O. Chapter						
Environmental Sciences	2	Tyler	Turner	Lake Forest Elementary Charter School	Wallace, April	Alternative Roofs
Mathematics and Computers	1	Don	Wilson	Benjamin Franklin Elementary	Fontenot, Mi Wha	Fast and Furious Math

Category	Place	First Name	Last Name	School	Teacher	Project Title
National Oceanic and Atmospheric Administration (NOAA)						
Engineering	1	Linda	Denson	Benjamin Franklin Elementary	Fontenot, Mi Wha	When Life Gives You Rain, Build a Rain Garden!
New Orleans Federal Executive Board						
Environmental Sciences	1	Matthew	Marino	St. Matthew the Apostle School	Watson, Kayla	How does temperature affect the output of a solar cell
New Orleans Geological Society						
Earth & Planetary Science	3	Colton	Kendrick	John Curtis Christian	Lauren Young	Can An Amateur Shark Tooth Collector Accurately Match the Fossil to the Correct Shark Species?
Earth & Planetary Science	2	Dax	Ford	John Curtis Christian	Bridges, Gabby	Tsunami Defenses, Can We Keep the Waves Away?
Earth & Planetary Science	1	Isabella	Pita	John Curtis Christian	Kathy Bush	What Factors Inhibit Soil Percolation?

Category	Place	First Name	Last Name	School	Teacher	Project Title
New Orleans Section of NACE International						
Chemistry	2	Jenna	Doyle	John Curtis Christian	Gabby Bridges	All About Rust
Engineering	1	Brianna	Claverie	Lake Forest Elementary Charter School	Wallace, April	Coin Currents
Ricoh Americas Corporation						
Environmental Sciences	1	Matthew	Marino	St. Matthew the Apostle School	Watson, Kayla	How does temperature affect the output of a solar cell
Environmental Sciences	1	Tyler	Turner	Lake Forest Elementary Charter School	Wallace, April	Alternative Roofs
Sierra Club, New Orleans Group						
Environmental Sciences	1	Tyler	Turner	Lake Forest Elementary Charter School	Wallace, April	Alternative Roofs

Category	Place	First Name	Last Name	School	Teacher	Project Title
Society of American Military Engineers (SAME)						
Engineering	2	Nicholas	Ward	John Curtis Christian	Kathy Bush	Does the Type of Material a Building is Made of Affect it's Durability during a Disaster?
Engineering	1	Jude	Donnaud	Christian Brothers	Konersmann, Bro. Laurence	What Type of Bridge Is Strongest
Society of Petroleum Engineers (SPE), Inc. Delta Chapter						
Physics and Astronomy	3	Isaiah	Rouzan	Lake Forest Elementary Charter School	Marla Watts	An Elevator's Physics, Engineering, and Mechanics
Environmental Sciences	2	Jack	Stuke	Christian Brothers	Konersmann, Bro. Laurence	Tsunami, The Power of a Wave
Environmental Sciences	1	Nic	Lobrano	Christian Brothers	Konersmann, Bro. Laurence	Oil Spill Dispersents

Category	Place	First Name	Last Name	School	Teacher	Project Title
Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch						
Engineering	3	Deontre	Ford	Benjamin Franklin Elementary	Fontenot, Mi Wha	Which Bridge Design is the Strongest?
Engineering	2	Dominic	Stoner	Christian Brothers	Konersmann, Bro. Laurence	What Ratio of Sand/Gravel Is Best?
Engineering	1	Andrew	Dupuy	St. Benilde	Wilson, Cecilia	Does the design of a bridge affect the amount of weight it can support?
Theodent						
Energy & Transportation	1	Neelambar	Mondal	Haynes Academy for Advanced Studies	Stephens, Susan	Winglets: One Small Wing Extension, One Giant Change in Flight Distance
U.S. Department of Agriculture - Agricultural Research Service						
Chemistry	1	Vaughn	Terrell	Benjamin Franklin Elementary	Fontenot, Mi Wha	There's Arsenic in My Rice!

Category	Place	First Name	Last Name	School	Teacher	Project Title
U.S. Navy/ U.S. Marine Corps – Office of Naval Research						
Energy & Transportation	1	Neelambar	Mondal	Haynes Academy for Advanced Studies	Stephens, Susan	Winglets: One Small Wing Extension, One Giant Change in Flight Distance
Energy & Transportation	1	Max	Fitzgerald	International School of Louisiana - Camp	Marshall, Karen	Microbial Fuel Cells
Environmental Sciences	1	Matthew	Marino	St. Matthew the Apostle School	Watson, Kayla	How does temperature affect the output of a solar cell
Women for a Better Louisiana						
Environmental Sciences	1	Matthew	Marino	St. Matthew the Apostle School	Watson, Kayla	How does temperature affect the output of a solar cell

Social Media Awards	
<p>Prizes (valued at > \$50 each) are awarded to a Social Media Contest winner in both middle and high school. A second prize (valued at \$25) is awarded to a middle school or high school student, not necessarily presenting in the GNOSEF. Students participate by using the hashtag #GNOSEF on Twitter, Facebook or Instagram to upload relevant text, pictures and videos. Winners are selected at random.</p>	
Linda Plasse	Ursuline
(2nd prize) Christine Perniciaro	John Curtis Christian School
Jr. DIV. FIRST Robotics Competition (FRC) High School Team School Visit	
<p>For outstanding work in engineering or technology, one student in the Junior Division will be awarded a visit in April or May by the Destrehan High School FRC team and their robot. Arrangements may be made for a class or school assembly visit at the convenience of the winning student and the Destrehan team.</p>	
John Tran - "Straw Gripping Robot"	Lake Forest Elementary Charter School
JUNIOR DIVISION GNOSEF TEACHER/MENTOR AWARD	
<p>\$250 will be presented to two teachers or mentors who have gone the extra mile to support their students.</p>	
Sue Stephens	Haynes Academy
MiWha Fontenot	Benjamin Franklin Elementary
JUNIOR DIVISION GRAND AWARD WINNERS	
<p>Two Grand Award Winners, Junior Division are selected from the 1st and 2nd place winners in each category, and each Grand Award Winner receives a \$50 gift card and a plaque from Region IX.</p>	
Neelambar Mondal	Haynes Academy for Advanced Studies
Don Wilson	Benjamin Franklin Elementary

Senior Division Category Winners

Place	Category	First Name	Last Name	School	Project Title
4	Animal Sciences	Connor	Travis	Benjamin Franklin High School	The effects of herbicides on Eisenia fetida.
4	Behavioral and Social Science	Daryl	Naquin	Holy Cross	Does familiarity breed misidentification?
4	Behavioral and Social Science	Taylor	Textor	John Curtis Christian	Are You Smarter Than a 5th Grader?
4	Biochemistry	Wendy	Almendaras	Grace King High School	The Effect of Different Liquids on the Amount of Electrolytes
4	Biochemistry	Luke	Pounds	John Curtis Christian	Electrolytes: Sports Drinks vs. Orange Juice
4	Cellular & Molecular Biology	Kayla	Tarr	Patrick F. Taylor Science & Technology Academy	Growth factors released by genetically modified stem cells can prevent renal cell death.
4	Chemistry	Lily	Rice	Benjamin Franklin High School	The effect of drying on the ascorbic acid content of apples.
4	Chemistry	Andrew	Pitari	John Curtis Christian	Fire Accelerants and Their Boiling Points

Place	Category	First Name	Last Name	School	Project Title
4	Computer Science	Emily	Dong	Benjamin Franklin High School	The effect of reverse engineering on android malware.
4	Earth & Planetary Science	Shayna	Bergeron	John Ehret High School	The effect of the pH levels of different liquids on copper
4	Engineering: Electrical & Mechanical	Morgan	Brown	Patrick F. Taylor Science & Technology Academy	What method most reliably isolates the presence of sand from false alarms within an acoustic signal sent from an oil well during
4	Engineering: Electrical & Mechanical	Erin	Oakes	Lusher Charter School	Mardi Gras Safety Structure
4	Engineering: Electrical & Mechanical	Madeleine	Ruiz	Lusher Charter School	Mardi Gras Safety Structure
4	Engineering: Electrical & Mechanical	Xavier	Taylor-Burton	Lusher Charter School	Mardi Gras Safety Structure
4	Engineering: Materials & Bioengineering	Dominic	Lincoln	Holy Cross	What increases load bearing capacity in soil?
4	Engineering: Materials & Bioengineering	Corinna	Zengel	Benjamin Franklin High School	The effect of truss design on bridge strength.
4	Environmental Management	Justin	Turner	John Curtis Christian	Thinking Outside of the Box: Oil Remediation in My School Parking Lot

Place	Category	First Name	Last Name	School	Project Title
4	Environmental Management	Ethan	Weaver	John Curtis Christian	Can Recycled Crab and Oyster Shells be Used to Remove Wastewater Ions?
4	Environmental Sciences	Anissa	Jones-Montano	Benjamin Franklin High School	The effects of gas stations and cars on soil pH levels.
4	Environmental Sciences	Maria	Heredia	Grace King High School	Filtering Acid Rain n a Rain Catcher
4	Environmental Sciences	Trey	Stewart	John Curtis Christian	Oil-Eating Microbes in Water
4	Medicine & Health	Sydney	Monix	Patrick F. Taylor Science & Technology Academy	Does ethnicity influence immediate post-operative pain reports?
4	Medicine & Health	Tori	Pixley	Thomas Jefferson Senior High	The Effect of the Mass of Sunscreen on UVB Radiation
4	Microbiology	Marie	Miller	Benjamin Franklin High School	The effects of the time and location on the types of Staphylococcus species found in the mall.
4	Physics and Astronomy	Ethan	Edwards	John Curtis Christian	Sun Spots and Rotational Rates Using SOHO
4	Physics and Astronomy	Brynna	Robert	Haynes Academy for Advanced Studies	Effect of Shape on Hydrodynamics

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4	Plant Sciences	Steven	Voorhies	Holy Cross	Does having worms in the soil help plants grow faster?
4	Plant Sciences	Gianna	St. Julien	Benjamin Franklin High School	Effect of light color on chlorophyll content of a leaf.

Place	Category	First Name	Last Name	School	Project Title
3	Animal Sciences	Meredith	Perniciaro	John Curtis Christian	Can You Hear Me Meow?
3	Behavioral and Social Science	Roslyn	Williams	Benjamin Franklin High School	Examining the effects of meditative technique on cognitive ability.
3	Biochemistry	Joseph	Angelette	Holy Cross	Which alkaline water balances the pH of the body best?
3	Cellular & Molecular Biology	Shirley	Hong	Benjamin Franklin High School	How does acrylamide affect the phagocytosis of macrophages?
3	Chemistry	Amara	Stokes	Haynes Academy for Advanced Studies	Maintenance with Magnetism
3	Computer Science	Saxon	Ball	John Curtis Christian	SQL Injection: Is Your Database Secure?
3	Earth & Planetary Science	Johann	DeJesus	Patrick F. Taylor Science & Technology Academy	Is there a correlation between sea level rise and salt water intrusion in the coastal regions of south Louisiana?
3	Energy & Transportation	Kaiylin	Nguyen	Thomas Jefferson Senior High	Absorption of Radiant Energy
3	Engineering: Electrical & Mechanical	Claire	Mipro	Benjamin Franklin High School	Natural vs. city-based filtration: effectiveness in filtering out pollutants.

Place	Category	First Name	Last Name	School	Project Title
3	Engineering: Materials & Bioengineering	Rose	Coats	Haynes Academy for Advanced Studies	Are you Dyeing to Know About Yarn?
3	Environmental Management	Joshua	Schweiger	John Curtis Christian	Microbeads Down the Drain!
3	Environmental Sciences	Kiara	Horton	Patrick F. Taylor Science & Technology Academy	What is the effect of salinity on levels of carbon dioxide produced by different types of soils?
3	Medicine & Health	Hope	Bernier	Haynes Academy for Advanced Studies	Effect of Music on Heart Rate
3	Microbiology	Adriane	Allridge	Benjamin Franklin High School	The effect of source of purchase on bacterial contamination of white shrimp, <i>Litopenaeus setiferus</i> .
3	Physics and Astronomy	Elizabeth	Parker	Benjamin Franklin High School	Effects of temperature change on bounce height of balls filled with gases.
3	Plant Sciences	Zachary	Ritchie	Archbishop Shaw High School	A Dozen Roses

Place	Category	First Name	Last Name	School	Project Title
2	Animal Sciences	Annalise	Fischer	Benjamin Franklin High School	The effects of different types of sugars and sweeteners on Western Harvester Ants (<i>Pogonomyrex occidentalis</i>).
2	Behavioral and Social Science	Cole	Clement	Holy Cross	How accurate are eye-witness testimonies?
2	Biochemistry	Christine	Majoria	John Curtis Christian	Is Your Detergent Really Doing its Job?
2	Cellular & Molecular Biology	Linda	Li	Benjamin Franklin High School	Antiretroviral therapy reduces the malfunctions during hematopoiesis caused by binge alcohol administration and SIV infection in Rhesus
2	Chemistry	Ava	Schexnayder	Haynes Academy for Advanced Studies	Using Sugar Beet Juice to Raise the Melting Point of Ice
2	Computer Science	Edward	Johnson	Patrick F. Taylor Science & Technology Academy	What are the best data recovery and protection options for small businesses?
2	Earth & Planetary Science	Grant	Bourgeois	Holy Cross	Finding the best composition of levees
2	Earth & Planetary Science	Blake	Hornosky	Holy Cross	Finding the best composition of levees
2	Earth & Planetary Science	Louis	Puissegur	Holy Cross	Finding the best composition of levees

Place	Category	First Name	Last Name	School	Project Title
2	Energy & Transportation	Craig	Matise	John Curtis Christian	How Does the Time of Day Affect the Amount of Passive Solar Output?
2	Energy & Transportation	Ashley	Wingerter	John Curtis Christian	How Does the Time of Day Affect the Amount of Passive Solar Output?
2	Engineering: Electrical & Mechanical	Cameron	Cinel	Lusher Charter School	Potable Port-au-Prince
2	Engineering: Electrical & Mechanical	Donald	Lamotte	Lusher Charter School	Potable Port-au-prince
2	Engineering: Electrical & Mechanical	Saul	Schaffer	Lusher Charter School	Potable Port-au-Prince
2	Engineering: Materials & Bioengineering	Ashton	Austin	John Curtis Christian	Can You Trust a Truss?
2	Environmental Management	Rommy	Muhsen	Archbishop Shaw High School	What's the Dirt on Biodegradable Products?
2	Environmental Sciences	Miriam	Zitler	Benjamin Franklin High School	The effect of the abundance of bank marsh grass vegetation on the filtration of limiting factors, phosphates and nitrates in Bayou St.
2	Medicine & Health	Victoria	Manguno	John Curtis Christian	Do GI Levels Affect Energy Output?

Place	Category	First Name	Last Name	School	Project Title
2	Microbiology	Vaishali	Nayak	Benjamin Franklin High School	Effect of 2450 mh7 microwave radiation on Saccharomyces cerevisiae.
2	Physics and Astronomy	Camille	Simon	Benjamin Franklin High School	Do pricier balls perform better?
2	Plant Sciences	Yuzhi	Wang	Benjamin Franklin High School	The effect of motor oil on marsh plant health.

Place	Category	First Name	Last Name	School	Project Title
1	Animal Sciences	Sophia	Marathonitis	Benjamin Franklin High School	The Effect of caffeine on the heart rate of blackworms.
1	Behavioral and Social Science	Naomi	Mareschal	Benjamin Franklin High School	The effect of athleticism on reaction time.
1	Biochemistry	Aroosa	Cheema	Benjamin Franklin High School	Ethanol sensitivity in Drosophila melanogaster with hypomorphic mutation of the scabrous (sca) gene.
1	Cellular & Molecular Biology	Madison	Smither	Benjamin Franklin High School	The effects of light exposure at night on circadian regulation of expression of and damage from the retrotransposon L1.
1	Chemistry	Keiana	Cave	Lusher Charter School	A method to identify the formation of aldehydes in crude oil
1	Computer Science	Matthew	Perniciaro	John Curtis Christian	Do You Think That You Can Hack?
1	Earth & Planetary Science	Joshua	Hartley	John Curtis Christian	REE Mining Energy U.S. Dependence-Method to Determine Economic Potential of Further Mining
1	Earth & Planetary Science	Alexis	Lang	John Curtis Christian	REE Mining Energy U.S. Dependence-Method to Determine Economic Potential of Further Mining
1	Energy & Transportation	Cullen	Johnson	John Curtis Christian	Curved Blades vs. Straight Blades: Which is More Effective

Place	Category	First Name	Last Name	School	Project Title
1	Engineering: Electrical & Mechanical	Landan	Seguin	Holy Cross	Electro-hydrodynamic thruster
1	Engineering: Electrical & Mechanical	Ross	Tedesco	Holy Cross	Electro-hydrodynamic thruster
1	Engineering: Materials & Bioengineering	Thomas	Rick	Benjamin Franklin High School	Effects of a superhydrophobic coating on torpedo performance.
1	Environmental Management	Madison	Berard	Patrick F. Taylor Science & Technology Academy	How do seasonal temperature changes affect Cyrto bagous salviniae density patterns?
1	Environmental Sciences	Zachery	Barthel	John Curtis Christian	Vegetation Reduces Soil Loss
1	Mathematical Sciences	Jaelle	Sanon	Thomas Jefferson Senior High	1544 M&Ms
1	Medicine & Health	Ilaria	Simeone	Benjamin Franklin High School	Investigation of inflammatory molecules during the disease progression of Multiple Sclerosis in mouse, Mus musculus, tissue.
1	Microbiology	Aishwarya	Natarajan	Haynes Academy for Advanced Studies	The Microbiological Quality of Indian Spices sold at Indian and Oriental Grocery Stores
1	Physics and Astronomy	Peter	Howard	Benjamin Franklin High School	Effect of temperature on the tensile strength of five wood based materials.

Place	Category	First Name	Last Name	School	Project Title
1	Plant Sciences	Justin	Ortega	Archbishop Shaw High School	Hydroponics vs. Soil-Grown Plants

Senior Division Special Award Winners

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American Institute of Aeronautics and Astronautics (AIAA) Greater New Orleans Section						
Energy & Transportation	3	Cullen	Johnson	John Curtis Christian	Boucvalt, Cathy	Curved Blades vs. Straight Blades: Which is More Effective
Engineering: Materials & Bioengineering	2	Thomas	Rick	Benjamin Franklin High School	Spahn, Sally	Effects of a superhydrophobic coating on torpedo performance.
Engineering: Electrical & Mechanical	1	Landan	Seguin	Holy Cross	Warren Bernard	Electro-hydrodynamic thruster
Engineering: Electrical & Mechanical	1	Ross	Tedesco	Holy Cross	Warren Bernard	Electro-hydrodynamic thruster
American Meteorological Society (AMS)						
Earth & Planetary Science	1	Johann	DeJesus	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	Is there a correlation between sea level rise and salt water intrusion in the coastal regions of south Louisiana?
Environmental Management	1	Ethan	Weaver	John Curtis Christian	Boucvalt, Cathy	Can Recycled Crab and Oyster Shells be Used to Remove Wastewater Ions?

Category	Place	First Name	Last Name	School	Teacher	Project Title
American Petroleum Institute (API) Delta Chapter						
Engineering: Electrical & Mechanical	1	Morgan	Brown	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	What method most reliably isolates the presence of sand from false alarms within an acoustic signal sent from an oil well during production?
American Psychological Association						
Behavioral and Social Science	1	Naomi	Mareschal	Benjamin Franklin High School	Spahn, Sally	The effect of athleticism on reaction time.
Behavioral and Social Science	1	Cole	Clement	Holy Cross	David Lindsey	How accurate are eye-witness testimonies?
American Society of Civil Engineers - New Orleans Branch						
Engineering: Materials & Bioengineering	2	Dominic	Lincoln	Holy Cross	Katherine Schilling	What increases load bearing capacity in soil?
Engineering: Materials & Bioengineering	1	Ashton	Austin	John Curtis Christian	Boucvalt, Cathy	Can You Trust a Truss?

Category	Place	First Name	Last Name	School	Teacher	Project Title
American Welding Society - New Orleans Section						
Chemistry	1	Denton	Young	John Curtis Christian	Boucvalt, Cathy	Do pH Levels Affect Metals Differently?
ASM International Foundation						
Engineering: Materials & Bioengineering	2	Corinna	Zengel	Benjamin Franklin High School	Spahn, Sally	The effect of truss design on bridge strength.
Engineering: Materials & Bioengineering	1	Thomas	Rick	Benjamin Franklin High School	Spahn, Sally	Effects of a superhydrophobic coating on torpedo performance.
Association for Women Geoscientists Foundation						
Earth & Planetary Science	1	Joshua	Hartley	John Curtis Christian	Boucvalt, Cathy	REE Mining Energy U.S. Dependence-Method to Determine Economic Potential of Further Mining
Earth & Planetary Science	1	Alexis	Lang	John Curtis Christian	Boucvalt, Cathy	REE Mining Energy U.S. Dependence-Method to Determine Economic Potential of Further Mining

Category	Place	First Name	Last Name	School	Teacher	Project Title
ASU Rob and Melani Walton Sustainability Solutions Initiatives						
Engineering: Electrical & Mechanical	1	Cameron	Cinel	Lusher Charter School	John Morrow	Potable Port-au-Prince
Engineering: Electrical & Mechanical	1	Donald	Lamotte	Lusher Charter School	John Morrow	Potable Port-au-prince
Engineering: Electrical & Mechanical	1	Saul	Schaffer	Lusher Charter School	John Morrow	Potable Port-au-Prince
Environmental Sciences	1	Zachery	Barthel	John Curtis Christian	Boucvalt, Cathy	Vegetation Reduces Soil Loss
Bruce J. Heim Foundation						
Medicine & Health	1	Ilaria	Simeone	Benjamin Franklin High School	Spahn, Sally	Investigation of inflammatory molecules during the disease progression of Multiple Sclerosis in mouse, Mus musculus, tissue.
Cancer Association of Greater New Orleans						
Cellular & Molecular Biology	1	Madison	Smither	Benjamin Franklin High School	Spahn, Sally	The effects of light exposure at night on circadian regulation of expression of and damage from the retrotransposon L1.

Category	Place	First Name	Last Name	School	Teacher	Project Title
GENIUS (Global Environmental Issues) Olympiad						
Chemistry	1	Keiana	Cave	Lusher Charter School	Stephen Collins	A method to identify the formation of aldehydes in crude oil
Environmental Management	1	Rommy	Muhsen	Archbishop Shaw High School	Abreo, Julie	What's the Dirt on Biodegradable Products?
Grand Award						
Cellular & Molecular Biology	1	Madison	Smither	Benjamin Franklin High School	Spahn, Sally	The effects of light exposure at night on circadian regulation of expression of and damage from the retrotransposon L1.
Chemistry	1	Keiana	Cave	Lusher Charter School	Stephen Collins	A method to identify the formation of aldehydes in crude oil
Environmental Management	1	Madison	Berard	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	How do seasonal temperature changes affect Cyrtobagous salviniae density patterns?
Medicine & Health	1	Ilaria	Simeone	Benjamin Franklin High School	Spahn, Sally	Investigation of inflammatory molecules during the disease progression of Multiple Sclerosis in mouse, Mus musculus, tissue.

Category	Place	First Name	Last Name	School	Teacher	Project Title
Gulf Coast Safety and Training Group						
Behavioral and Social Science	1	Roslyn	Williams	Benjamin Franklin High School	Spahn, Sally	Examining the effects of meditative technique on cognitive ability.
Behavioral and Social Science	1	Cole	Clement	Holy Cross	David Lindsey	How accurate are eye-witness testimonies?
Engineering: Electrical & Mechanical	1	Erin	Oakes	Lusher Charter School	John Morrow	Mardi Gras Safety Structure
Engineering: Electrical & Mechanical	1	Madeleine	Ruiz	Lusher Charter School	John Morrow	Mardi Gras Safety Structure
Engineering: Electrical & Mechanical	1	Xavier	Taylor-Burton	Lusher Charter School	John Morrow	Mardi Gras Safety Structure
Medicine & Health	1	Alexandra	Kirkland	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	How do improper biomechanics or impingements cause hip injuries?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Intel Excellence in Computer Science						
Computer Science	1	Matthew	Perniciaro	John Curtis Christian	Boucvalt, Cathy	Do You Think That You Can Hack?
Computer Science	1	Edward	Johnson	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	What are the best data recovery and protection options for small businesses?
Iota Sigma Pi, National Honor Society for Women in Chemistry (Local Chapter)						
Chemistry	1	Keiana	Cave	Lusher Charter School	Stephen Collins	A method to identify the formation of aldehydes in crude oil
I-SWEEEP- International Sustainable World (Energy, Engineering, & Environment) Project Olympiad						
Environmental Management	2	Madison	Berard	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	How do seasonal temperature changes affect Cyrtobagous salviniae density patterns?
Chemistry	1	Keiana	Cave	Lusher Charter School	Stephen Collins	A method to identify the formation of aldehydes in crude oil

Category	Place	First Name	Last Name	School	Teacher	Project Title
M. S. Benbow & Associates						
Engineering: Electrical & Mechanical	1	Landan	Seguin	Holy Cross	Warren Bernard	Electro-hydrodynamic thruster
Engineering: Electrical & Mechanical	1	Ross	Tedesco	Holy Cross	Warren Bernard	Electro-hydrodynamic thruster
Engineering: Electrical & Mechanical	1	Dylan	Derish	Thomas Jefferson Senior High	Kristina Kramer	Which DIY uninterrupted energy source works best?

Category	Place	First Name	Last Name	School	Teacher	Project Title
MENSA - (The High IQ Society), N.O. Chapter						
Medicine & Health	2	Ilaria	Simeone	Benjamin Franklin High School	Spahn, Sally	Investigation of inflammatory molecules during the disease progression of Multiple Sclerosis in mouse, Mus musculus, tissue.
Engineering: Electrical & Mechanical	1	Cameron	Cinel	Lusher Charter School	John Morrow	Potable Port-au-Prince
Engineering: Electrical & Mechanical	1	Donald	Lamotte	Lusher Charter School	John Morrow	Potable Port-au-prince
Engineering: Electrical & Mechanical	1	Saul	Schaffer	Lusher Charter School	John Morrow	Potable Port-au-Prince
Mu Alpha Theta						
Mathematical Sciences	1	Jaelle	Sanon	Thomas Jefferson Senior High	Kristina Kramer	1544 M&Ms
National Oceanic and Atmospheric Administration (NOAA)						
Environmental Management	1	Ethan	Weaver	John Curtis Christian	Boucvalt, Cathy	Can Recycled Crab and Oyster Shells be Used to Remove Wastewater Ions?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Neuroscience/Machine Learnings Scholarship Award						
Medicine & Health	1	Ilaria	Simeone	Benjamin Franklin High School	Spahn, Sally	Investigation of inflammatory molecules during the disease progression of Multiple Sclerosis in mouse, Mus musculus, tissue.
New Orleans Federal Executive Board						
Engineering: Electrical & Mechanical	1	Landan	Seguin	Holy Cross	Warren Bernard	Electro-hydrodynamic thruster
Engineering: Electrical & Mechanical	1	Ross	Tedesco	Holy Cross	Warren Bernard	Electro-hydrodynamic thruster

Category	Place	First Name	Last Name	School	Teacher	Project Title
New Orleans Geological Society						
Environmental Management	3	Gorium	Bush	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	How have the Mississippi River levees contributed to the erosion of the Mississippi River Delta?
Earth & Planetary Science	2	Johann	DeJesus	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	Is there a correlation between sea level rise and salt water intrusion in the coastal regions of south Louisiana?
Earth & Planetary Science	1	Joshua	Hartley	John Curtis Christian	Boucvalt, Cathy	REE Mining Energy U.S. Dependence- Method to Determine Economic Potential of Further Mining
Earth & Planetary Science	1	Alexis	Lang	John Curtis Christian	Boucvalt, Cathy	REE Mining Energy U.S. Dependence- Method to Determine Economic Potential of Further Mining
New Orleans Section of NACE International						
Engineering: Materials & Bioengineering	2	Thomas	Rick	Benjamin Franklin High School	Spahn, Sally	Effects of a superhydrophobic coating on torpedo performance.
Chemistry	1	Denton	Young	John Curtis Christian	Boucvalt, Cathy	Do pH Levels Affect Metals Differently?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Sierra Club, New Orleans Group						
Environmental Management	2	Rommy	Muhsen	Archbishop Shaw High School	Abreo, Julie	What's the Dirt on Biodegradable Products?
Environmental Management	1	Gorium	Bush	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	How have the Mississippi River levees contributed to the erosion of the Mississippi River Delta?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Society of American Military Engineers (SAME)						
Earth & Planetary Science	2	Grant	Bourgeois	Holy Cross	Warren Bernard	Finding the best composition of levees
Earth & Planetary Science	2	Blake	Hornosky	Holy Cross	Warren Bernard	Finding the best composition of levees
Earth & Planetary Science	2	Louis	Puissegur	Holy Cross	Warren Bernard	Finding the best composition of levees
Engineering: Electrical & Mechanical	1	Cameron	Cinel	Lusher Charter School	John Morrow	Potable Port-au-Prince
Engineering: Electrical & Mechanical	1	Donald	Lamotte	Lusher Charter School	John Morrow	Potable Port-au-prince
Engineering: Electrical & Mechanical	1	Saul	Schaffer	Lusher Charter School	John Morrow	Potable Port-au-Prince

Category	Place	First Name	Last Name	School	Teacher	Project Title
Stockholm Junior Water Prize						
Engineering: Electrical & Mechanical	1	Cameron	Cinel	Lusher Charter School	John Morrow	Potable Port-au-Prince
Engineering: Electrical & Mechanical	1	Donald	Lamotte	Lusher Charter School	John Morrow	Potable Port-au-prince
Engineering: Electrical & Mechanical	1	Saul	Schaffer	Lusher Charter School	John Morrow	Potable Port-au-Prince
Environmental Management	1	Ethan	Weaver	John Curtis Christian	Boucvalt, Cathy	Can Recycled Crab and Oyster Shells be Used to Remove Wastewater Ions?
Environmental Management	1	Madison	Pierce	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	What are the effects of Davis Pond freshwater diversion projects on the wetlands area around Lake Cataouatche?
Environmental Sciences	1	Samuel	Simeonov	Benjamin Franklin High School	Spahn, Sally	Carbonaceous vs. nitrogenous biological oxygen demand of local waste waters.

Category	Place	First Name	Last Name	School	Teacher	Project Title
Environmental Sciences	1	Valerie	Ruiz	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	What effect does the source of canal water have on the levels of dissolved oxygen, nitrates, phosphates, salinity, and clarity of water?
Physics and Astronomy	1	Brynna	Robert	Haynes Academy for Advanced Studies	Prentice, David	Effect of Shape on Hydrodynamics
Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch						
Engineering: Materials & Bioengineering	3	Dominic	Lincoln	Holy Cross	Katherine Schilling	What increases load bearing capacity in soil?
Physics and Astronomy	2	Peter	Howard	Benjamin Franklin High School	Spahn, Sally	Effect of temperature on the tensile strength of five wood based materials.
Engineering: Materials & Bioengineering	1	Corinna	Zengel	Benjamin Franklin High School	Spahn, Sally	The effect of truss design on bridge strength.

Category	Place	First Name	Last Name	School	Teacher	Project Title
Tulane University School of Science and Engineering - Tulane Science Scholars Program						
Medicine & Health	2	Ilaria	Simeone	Benjamin Franklin High School	Spahn, Sally	Investigation of inflammatory molecules during the disease progression of Multiple Sclerosis in mouse, Mus musculus, tissue.
Cellular & Molecular Biology	1	Madison	Smither	Benjamin Franklin High School	Spahn, Sally	The effects of light exposure at night on circadian regulation of expression of and damage from the retrotransposon L1.
U.S. Air Force						
Cellular & Molecular Biology	1	Madison	Smither	Benjamin Franklin High School	Spahn, Sally	The effects of light exposure at night on circadian regulation of expression of and damage from the retrotransposon L1.
Chemistry	1	Keiana	Cave	Lusher Charter School	Stephen Collins	A method to identify the formation of aldehydes in crude oil
Environmental Management	1	Madison	Berard	Patrick F. Taylor Science & Technology Academy	Simpson, Janell	How do seasonal temperature changes affect Cyrtobagous salviniae density patterns?
Medicine & Health	1	Ilaria	Simeone	Benjamin Franklin High School	Spahn, Sally	Investigation of inflammatory molecules during the disease progression of Multiple Sclerosis in mouse, Mus musculus, tissue.

Category	Place	First Name	Last Name	School	Teacher	Project Title
U.S. Department of Agriculture - Agricultural Research Service						
Plant Sciences	1	Justin	Ortega	Archbishop Shaw High School	Abreo, Julie	Hydroponics vs. Soil-Grown Plants
U.S. Metric Association						
Engineering: Electrical & Mechanical	1	Simon	Miscenich	Benjamin Franklin High School	Spahn, Sally	Length vs. effective power in a series 60 Paret hull form.
Physics and Astronomy	1	Peter	Howard	Benjamin Franklin High School	Spahn, Sally	Effect of temperature on the tensile strength of five wood based materials.
U.S. Navy/ U.S. Marine Corps – Office of Naval Research						
Cellular & Molecular Biology	1	Shirley	Hong	Benjamin Franklin High School	Spahn, Sally	How does acrylamide affect the phagocytosis of macrophages?
Cellular & Molecular Biology	1	Madison	Smither	Benjamin Franklin High School	Spahn, Sally	The effects of light exposure at night on circadian regulation of expression of and damage from the retrotransposon L1.
Chemistry	1	Keiana	Cave	Lusher Charter School	Stephen Collins	A method to identify the formation of aldehydes in crude oil

Category	Place	First Name	Last Name	School	Teacher	Project Title
U.S. Public Health Services (USPHS)						
Cellular & Molecular Biology	1	Linda	Li	Benjamin Franklin High School	Spahn, Sally	Antiretroviral therapy reduces the malfunctions during hematopoiesis caused by binge alcohol administration and SIV infection in Rhesus macaques
Cellular & Molecular Biology	1	Madison	Smither	Benjamin Franklin High School	Spahn, Sally	The effects of light exposure at night on circadian regulation of expression of and damage from the retrotransposon L1.
Women for a Better Louisiana						
Environmental Sciences	1	Trey	Stewart	John Curtis Christian	Boucvalt, Cathy	Oil-Eating Microbes in Water
Yale Science & Engineering Association, Inc.						
Chemistry	1	Amara	Stokes	Haynes Academy for Advanced Studies	Prentice, David	Maintenance with Magnetism
Engineering: Materials & Bioengineering	1	Thomas	Rick	Benjamin Franklin High School	Spahn, Sally	Effects of a superhydrophobic coating on torpedo performance.

ASM International Foundation Award (all-expense-paid trip!)

American Society for Materials International Foundation will recognize the most outstanding exhibits in materials engineering science. First Place Student winner is awarded a certificate, medallion and an all-expense-paid trip to a one-week materials camp in Ohio on July 20-26. 2nd place winner is recognized and is an alternate should the first place winner not be able to attend the materials camp. Student winners will also be invited to attend the June 27th NACE/ASM recognition luncheon.

(2nd) Corinna Zengel

Benjamin Franklin High School (Teacher: Sally Spahn)

(1st) Thomas Rick

Benjamin Franklin High School (Teacher: Sally Spahn)

I-SWEEEP - Outstanding Sustainability Award (partial-expense-paid trip!)

The International Sustainable World (Energy, Engineering, & Environment) Project Olympiad recognition is awarded to the top high school project selected in the categories of Energy, Engineering, or Environment whose display shows outstanding work in the theme of environmental sustainability and innovation. The student and supervisor teacher (or parent) will have the opportunity to attend I-SWEEEP 2013 in Houston, TX on May 8th-13th, with hotel accommodation, all breakfasts and pre-arranged luncheons, and local transportation. Transportation to and from Houston is the responsibility of the winner.

A 2nd place winner is recognized and is an alternate should the 1st place winner not be able to attend.

(2nd) Madison Berard

Patrick F. Taylor Science & Technology Academy

(1st) Kiana Cave

Lusher Charter School

Social Media Awards

Prizes (valued at > \$50 each) are awarded to a Social Media Contest winner in both middle and high school. A second prize (valued at \$25) is awarded to a middle school or high school student, not necessarily presenting in the GNOSEF. Students participate by using the hashtag #GNOSEF on Twitter, Facebook or Instagram to upload relevant text, pictures and videos. Winners are selected at random.

Andrew Pitari

John Curtis Christian School

(2nd prize)

John Curtis middle school student received award in the JR. DIV. CEREMONY

PATRICK F TAYLOR SCHOOL AWARDS

These materials and/or field trip grants are presented to participating high schools which have a minimum of 10 projects competing in the senior division. These awards are given to recognize successful participation in the GNOSEF and are to be used to promote interest in upper level math and science courses.

Benjamin Franklin High School

Grace King High School

Haynes Academy for Advanced Studies

Holy Cross

John Curtis Christian

John Ehret High School

Patrick F. Taylor Science & Technology Academy
Technology Academy

Thomas Jefferson Senior High

Tulane University School of Science and Engineering - Tulane Science Scholars Program (TSSP)

The TSSP with financial support from the Bruce J. Heim Foundation will give a certificate and a full scholarship worth \$1250 for a summer for-credit course to a 10th or 11th grade student who has an exceptional project in an area of science or engineering. The TSSP is a selective program for rising juniors or seniors who have exceptional talent in the sciences, engineering, and mathematics. A second place winner is recognized and is an alternate should the first place winner not be able to attend.

(2nd) Ilaria Simeone

Benjamin Franklin High School

(1st) - Madison Smither

Benjamin Franklin High School

Neuroscience/Machine Learnings Scholarship Award

The H. Britton Sanderford Neuroscience/Machine Learning Project Award recognizes excellent work in the field of neuroscience, the study of the molecular, cellular, developmental, structural, functional, evolutionary, computational, and medical aspects of the nervous system, and the field of machine learnings, a subfield of computer science and artificial intelligence that deals with the construction and study of systems that can learn from data, rather than follow only explicitly programmed instructions. ONE senior division (high school) winner will be presented with a \$4,000 college scholarship - \$1,000 per year provided the student is enrolled and maintains a minimum 3.0 average.

Ilaria Simeone

Benjamin Franklin High School

James de la Houssaye Mentor Award

Sponsored by Mr. H. Britton Sanderford, this award recognizes a high school mentor for their educational and inspirational work with students pursuing STEM inquiry. ONE winner will be selected for the top honor, which includes a \$5,000 cash award to the mentor and a \$5,000 award to his/her student's school for the enhancement of STEM education. A runner-up will receive a \$1,000 cash award and a \$1,000 award to the student's school.

(Runner-up) Janell Simpson

Patrick F. Taylor Science & Technology Academy

(Runner-up) Victoria Belancio

Benjamin Franklin High School

(1st) Cathy Boucvalt

John Curtis Christian

SENIOR DIVISION GRAND AWARD WINNERS

Four Grand Award Winners in the senior division are selected from 1st & 2nd place winners in each category and represent Region 9 in the International Science and Engineering Fair (ISEF). Transportation and living expenses are provided for them and for 2 teachers selected by the judges. The other teachers are invited to attend at their own expense.

Each Grand Award Winner receives a plaque from Region IX. Additionally, all four grand award winners in the senior division receive a \$1,000 scholarship from the Patrick F. Taylor Foundation upon presentation of an acceptance letter into a college of their choice.

Madison Smither	Benjamin Franklin High School (teacher: Mary Gubala)
Ilaria Simeone	Benjamin Franklin High School (teacher: Mary Gubala)
Keiana Cave	Lusher Charter School (teacher: Stephen Collins)
Madison Berard	Patrick F. Taylor Science & Technology Academy (teacher: Janell Simpson)
The 2 teachers invited by the judges to an all-expense paid ISEF experience are:	
Mary Gubala	Benjamin Franklin High School
Stephen Collins	Lusher Charter School