

Junior Division Category Winners

Place	Category	First Name	Last Name	School	Project Title
4	Biological Sciences (incl. Animal Sci.,	TRAVIONNE	CLARK	Benjamin Franklin Elementary	SPIRULINA SOLUTION
4	Biological Sciences (incl. Animal Sci.,	ELVIN	KING	Benjamin Franklin Elementary	THE SPIRULINA SOLUTION
4	Biological Sciences (incl. Animal Sci.,	ALRED	LUKE	Benjamin Franklin Elementary	THE SPIRULINA SOLUTION
4	Biological Sciences (incl. Animal Sci.,	George	Bordenave, III	St. Benilde	Live Bait vs Artificial Lure; Which Bait Do Fish Prefer?
4	Biological Sciences (incl. Animal Sci.,	John	Tracy	St. Benilde	Live Bait vs Artificial Lure; Which Bait Do Fish Prefer?
4	Biological Sciences (incl. Biochemistry and	JASLYN	TOLIVER	Benjamin Franklin Elementary	LIGHT EFFECT ON ELODEA RESPIRATION
4	Biological Sciences (incl. Biochemistry and	Brigid	Bowman	International School of Louisiana-Camp	Got Mold?
4	Chemistry	WILLIAM	BOSTICK	Benjamin Franklin Elementary	HOW TO COOL YOUR SODA

Place	Category	First Name	Last Name	School	Project Title
4	Chemistry	Sean	Boros	Christian Brothers	Effects of invertase on glucose content
4	Earth and Environmental Sciences	Lacey	Jackson	Lake Forest Elementary Charter School	water bottle of the future
4	Earth and Environmental Sciences	Cierra	Johnson	Lake Forest Elementary Charter School	Sun, Sun, Sun, dont have too much fun
4	Energy: Chemical and Physical	Khalil	Spurlock	Lake Forest Elementary Charter School	Ordinary Fruit: Charging your World.
4	Energy: Chemical and Physical	Luke	Timphony	Kenner Discovery Health Sciences Academy	Solar Ovens: Practical or Wishful Thinking
4	Engineering	Hannah	Paine	Kenner Discovery Health Sciences Academy	Barometric Pressure
4	Engineering	Tyran	Minor	Lake Forest Elementary Charter	magic behind maglev
4	Engineering	Isaiah	Rouzan	Lake Forest Elementary Charter School	magic behind maglev
4	Physics and Astronomy	Jack	Wallace	Christian Brothers	How does pressure effect the distance of a soccer ball

Place	Category	First Name	Last Name	School	Project Title
4	Physics and Astronomy	Evan	Walker	Christian Brothers	Which battery last the longest
4	Plant Sciences	Adamaris	Chavez	Einstein Charter School	Fresh Flowers
4	Plant Sciences	Emily	Vinet	International School of Louisiana - Camp	Does Aspirin help plants grow?

Place	Category	First Name	Last Name	School	Project Title
3	Biological Sciences (incl. Animal Sci.,	Yehuda	Potash	International School of Louisiana-Camp	Does the length of a prescription drug commercial affect how much 8th graders remember it?
3	Biological Sciences (incl. Biochemistry and	Huong	Tran	Einstein Charter School	Pineapple Solidifying in Jello
3	Chemistry	Niara	Siddiq	Islamic School of Greater New Orleans	Does Temperature Affect the of Texture of Choclate?
3	Earth and Environmental Sciences	Isabella	Pita	John Curtis Christian	Are There Dangerous Levels of Lead in Local Soil with an Emphasis on the NO Garden District
3	Energy: Chemical and Physical	Raymond	Forman	Lake Forest Elementary Charter School	Biefeld Brown Factor
3	Engineering	Zachary	Fuller	Holy Cross	What materials reduce sound the most effectively?
3	Physics and Astronomy	Anna	Curtis	John Curtis Christian	Can the Power of Evaporation Keep Chocolate From Melting?
3	Plant Sciences	Juliet	Ejiaga	Lake Forest Elementary Charter School	How does the type of liquid nutrient given to algae affect its cell content?

Place	Category	First Name	Last Name	School	Project Title
2	Biological Sciences (incl. Animal Sci.,	Bryce	Isaac	Lake Forest Elementary Charter School	The effect of anti-coagulants on blood clots.
2	Biological Sciences (incl. Biochemistry and	BRYSON	WHITE	Benjamin Franklin Elementary	THE HEADLESS PLANARIAN
2	Chemistry	Bernard	Robertson	International School of Louisiana-Camp	All Fogged Up!
2	Earth and Environmental Sciences	Zachary	LaBarre	John Curtis Christian	How Much Salt is in the Ocean Compared to Lakes or Bayous?
2	Energy: Chemical and Physical	Julia	LaGrange	International School of Louisiana-Camp	Which Metal Bakes the Better Cookie
2	Engineering	ANTHONY	RHODES	Benjamin Franklin Elementary	YALL SMELL THAT
2	Mathematics and Computers	Leon	Franklin	Lake Forest Elementary Charter School	What materials block Wi-Fi signals.
2	Physics and Astronomy	A'VYANCE	CLARK	Benjamin Franklin Elementary	CATCHING STAR DUST
2	Plant Sciences	Lillian	Villere	International School of Louisiana-Camp	Color of light

Place	Category	First Name	Last Name	School	Project Title
1	Biological Sciences (incl. Animal Sci.,	Blake	Brooks	Christian Brothers	Effects of green household products on bacteria
1	Biological Sciences (incl. Biochemistry and	Patrick	Muhammad	Islamic School of Greater New Orleans	Which Citrus Fruit Juice Prevents the Browning of Sliced Apples Longest?
1	Chemistry	Reggie	Bergeron	John Curtis Christian	Which Metal is Most Resistant to Corrosion?
1	Earth and Environmental Sciences	TYLER	HAMILTON	Benjamin Franklin Elementary	CAN ACTIVATED CARBON ABSORB CHEMICAL PESTICIDES
1	Earth and Environmental Sciences	CORNELIUS	JOHNSON	Benjamin Franklin Elementary	CAN ACTIVATED CARBON ABSORB CHEMICAL PESTICIDES
1	Energy: Chemical and Physical	Rachel	Pizzolato	John Curtis Christian	How Can a Modified Windmill Generate Electricity in a Traffic Setting?
1	Engineering	Trinity	Ellsworth	Lake Forest Elementary Charter School	Are you strong enough
1	Engineering	Canada	Jones	Lake Forest Elementary Charter School	Are you strong enough
1	Mathematics and Computers	Oneeb	Chaudhry	Riverdale Middle School	Does the angle of the arrow shot in Minecraft affect the distance traveled?

Place	Category	First Name	Last Name	School	Project Title
1	Physics and Astronomy	Lawrence	Jenkins	Lake Forest Elementary Charter School	Is the size of a tornado affected by water temperature?
1	Plant Sciences	Jacques	Karcher	Christian Brothers	How much vitamin C are in plants

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						
Engineering	HM	ANTHONY	RHODES	Benjamin Franklin Elementary	DANA GONZALEZ	YALL SMELL THAT
Engineering	3	Trinity	Ellsworth	Lake Forest Elementary Charter School	Wallace, April	Are you strong enough
Engineering	3	Canada	Jones	Lake Forest Elementary Charter School	Wallace, April	Are you strong enough
Energy: Chemical and Physical	2	Rachel	Pizzolato	John Curtis Christian	Bush, Kathy	How Can a Modified Windmill Generate Electricity in a Traffic Setting?
Engineering	1	Zachary	Fuller	Holy Cross	Tara Lavender	What materials reduce sound the most effectively?
American Welding Society - New Orleans Section						
Chemistry	1	Reggie	Bergeron	John Curtis Christian	Young, Lauren	Which Metal is Most Resistant to Corrosion?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Association for Women Geoscientists Foundation						
Earth and Environmental Sciences	1	Isabella	Pita	John Curtis Christian	Boucvalt, Cathy	Are There Dangerous Levels of Lead in Local Soil with an Emphasis on the NO Garden District

Category	Place	First Name	Last Name	School	Teacher	Project Title
Broadcom MASTERS						
Biological Sciences (incl. Biochemistry and Cellular	1	BRYSON	WHITE	Benjamin Franklin Elementary	DANA GONZALEZ	THE HEADLESS PLANARIAN
Biological Sciences (incl. Biochemistry and Cellular	1	Patrick	Muhammad	Islamic School of Greater New Orleans	Aisha Ashiru	Which Citrus Fruit Juice Prevents the Browning of Sliced Apples Longest?
Biological Sciences (incl. Animal Sci., Behav. &	1	Blake	Brooks	Christian Brothers	Bro. Laurence	Effects of green household products on bacteria
Biological Sciences (incl. Animal Sci., Behav. &	1	Bryce	Isaac	Lake Forest Elementary Charter School	Watts, Marla	The effect of anti-coagulants on blood clots.
Chemistry	1	Reggie	Bergeron	John Curtis Christian	Young, Lauren	Which Metal is Most Resistant to Corrosion?
Chemistry	1	Bernard	Robertson	International School of Louisiana-Camp	Thorpe, Lilli	All Fogged Up!

Category	Place	First Name	Last Name	School	Teacher	Project Title
Earth and Environmental Sciences	1	TYLER	HAMILTON	Benjamin Franklin Elementary	DANA GONZALEZ	CAN ACTIVATED CARBON ABSORB CHEMICAL PESTICIDES
Earth and Environmental Sciences	1	CORNELIUS	JOHNSON	Benjamin Franklin Elementary	DANA GONZALEZ	CAN ACTIVATED CARBON ABSORB CHEMICAL PESTICIDES
Earth and Environmental Sciences	1	Zachary	LaBarre	John Curtis Christian	Young, Lauren	How Much Salt is in the Ocean Compared to Lakes or Bayous?
Energy: Chemical and Physical	1	Rachel	Pizzolato	John Curtis Christian	Bush, Kathy	How Can a Modified Windmill Generate Electricity in a Traffic Setting?
Energy: Chemical and Physical	1	Julia	LaGrange	International School of Louisiana-Camp	Thorpe, Lilli	Which Metal Bakes the Better Cookie
Engineering	1	ANTHONY	RHODES	Benjamin Franklin Elementary	DANA GONZALEZ	YALL SMELL THAT
Engineering	1	Trinity	Ellsworth	Lake Forest Elementary Charter School	Wallace, April	Are you strong enough

Category	Place	First Name	Last Name	School	Teacher	Project Title
Engineering	1	Canada	Jones	Lake Forest Elementary Charter School	Wallace,A pril	Are you strong enough
Mathematics and Computers	1	Oneeb	Chaudhry	Riverdale Middle School	Crane, Katrina	Does the angle of the arrow shot in Minecraft affect the distance traveled?
Mathematics and Computers	1	Leon	Franklin	Lake Forest Elementary Charter School	Watts, Marla	What materials block Wi-Fi signals.
Physics and Astronomy	1	A'VYANCE	CLARK	Benjamin Franklin Elementary	DANA GONZALE Z	CATCHING STAR DUST
Physics and Astronomy	1	Lawrence	Jenkins	Lake Forest Elementary Charter School	Watts, Marla	Is the size of a tornado affected by water temperature?
Plant Sciences	1	Jacques	Karcher	Christian Brothers	Bro. Laurence	How much vitamin C are in plants
Plant Sciences	1	Lillian	Villere	International School of Louisiana-Camp	marshall, Karen	Color of light

Category	Place	First Name	Last Name	School	Teacher	Project Title
GRAND AWARD						
Earth and Environmental Sciences	1	Zachary	LaBarre	John Curtis Christian	Young, Lauren	How Much Salt is in the Ocean Compared to Lakes or Bayous?
Energy: Chemical and Physical	1	Rachel	Pizzolato	John Curtis Christian	Bush, Kathy	How Can a Modified Windmill Generate Electricity in a Traffic Setting?
MENSA - (The High IQ Society), N.O. Chapter						
Energy: Chemical and Physical	2	Naaman	Stewart, Jr.	John Curtis Christian	Young, Lauren	Can a Parabolic Reflector Increase the Output of a Solar Panel?
Earth and Environmental Sciences	1	Isabella	Pita	John Curtis Christian	Boucvalt, Cathy	Are There Dangerous Levels of Lead in Local Soil with an Emphasis on the NO Garden District
New Orleans Federal Executive Board						
Earth and Environmental Sciences	1	Brianna	Rodriguez	Riverdale Middle School	Katrina Crane	Can plants help slow soil erosion?

Category	Place	First Name	Last Name	School	Teacher	Project Title
New Orleans Geological Society						
Earth and Environmental Sciences	3	Colton	Kendrick	John Curtis Christian	Young, Lauren	Can Last Year's Christmas Trees Help Rebuild Louisiana's Interior Wetlands?
Earth and Environmental Sciences	3	Justin	Unger	John Curtis Christian	Young, Lauren	Can Last Year's Christmas Trees Help Rebuild Louisiana's Interior Wetlands?
Earth and Environmental Sciences	2	Finn	Homes	Christian Brothers	Bro. Laurence	Which material absorbs motor oil best
Earth and Environmental Sciences	1	Isabella	Pita	John Curtis Christian	Boucvalt, Cathy	Are There Dangerous Levels of Lead in Local Soil with an Emphasis on the NO Garden District
New Orleans Section of NACE International						
Chemistry	2	Reggie	Bergeron	John Curtis Christian	Young, Lauren	Which Metal is Most Resistant to Corrosion?
Energy: Chemical and Physical	1	Julia	LaGrange	International School of Louisiana-Camp	Thorpe, Lilli	Which Metal Bakes the Better Cookie

Category	Place	First Name	Last Name	School	Teacher	Project Title
Office of Naval Research						
Earth and Environmental Sciences	1	Zachary	LaBarre	John Curtis Christian	Young, Lauren	How Much Salt is in the Ocean Compared to Lakes or Bayous?
Energy: Chemical and Physical	1	Rachel	Pizzolato	John Curtis Christian	Bush, Kathy	How Can a Modified Windmill Generate Electricity in a Traffic Setting?
Engineering	1	ANTHONY	RHODES	Benjamin Franklin Elementary	DANA GONZALEZ	YALL SMELL THAT
Physics and Astronomy	1	Evan	Weller	International School of Louisiana-Camp	thorpe, Lilli	Turbine Blades and Power Generation
Sierra Club, New Orleans Group						
Earth and Environmental Sciences	1	Colton	Kendrick	John Curtis Christian	Young, Lauren	Can Last Year's Christmas Trees Help Rebuild Louisiana's Interior Wetlands?
Earth and Environmental Sciences	1	Justin	Unger	John Curtis Christian	Young, Lauren	Can Last Year's Christmas Trees Help Rebuild Louisiana's Interior Wetlands?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Society of American Military Engineers (SAME)						
Earth and Environmental Sciences	2	Colton	Kendrick	John Curtis Christian	Young, Lauren	Can Last Year's Christmas Trees Help Rebuild Louisiana's Interior Wetlands?
Earth and Environmental Sciences	2	Justin	Unger	John Curtis Christian	Young, Lauren	Can Last Year's Christmas Trees Help Rebuild Louisiana's Interior Wetlands?
Engineering	1	Ethan	Devlin	Christian Brothers	Bro. Laurence	Which Truss bridge supports most weight

Category	Place	First Name	Last Name	School	Teacher	Project Title
Society of Petroleum Engineers (SPE), Inc. Delta Chapter						
Energy: Chemical and Physical	3	Rachel	Pizzolato	John Curtis Christian	Bush, Kathy	How Can a Modified Windmill Generate Electricity in a Traffic Setting?
Chemistry	2	Reggie	Bergeron	John Curtis Christian	Young, Lauren	Which Metal is Most Resistant to Corrosion?
Engineering	1	Trinity	Ellsworth	Lake Forest Elementary Charter School	Wallace,A pril	Are you strong enough
Engineering	1	Canada	Jones	Lake Forest Elementary Charter School	Wallace,A pril	Are you strong enough

Category	Place	First Name	Last Name	School	Teacher	Project Title
Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch						
Engineering	2	Colette	Lance	John Curtis Christian	Bush, Kathy	Can a Suspension Bridge Carry a Greater Load Than a Simple Beam Bridge?
Engineering	1	Trinity	Ellsworth	Lake Forest Elementary Charter School	Wallace, April	Are you strong enough
Engineering	1	Canada	Jones	Lake Forest Elementary Charter School	Wallace, April	Are you strong enough
U.S. Department of Agriculture - Agricultural Research Service						
Biological Sciences (incl. Biochemistry and Cellular	1	Patrick	Muhammad	Islamic School of Greater New Orleans	Aisha Ashiru	Which Citrus Fruit Juice Prevents the Browning of Sliced Apples Longest?
Women for a Better Louisiana						
Earth and Environmental Sciences	1	Lacey	Jackson	Lake Forest Elementary Charter School	Wallace, April	water bottle of the future

Rising Star Award	
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This award is in special recognition of a 6th grade project that caught the eye of the judges, with congratulations for a job well done and a bright future.	
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Keelan Jiles	Einstein Charter School
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Einstein Charter School	
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Social Media Awards	
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Prizes are awarded to Social Media Contest winners with five daily drawings throughout the week and an overall prize in both middle and high school. An additional prize is awarded to a middle school or high school student, not necessarily presenting in the GNOSEF. Students participate by using #GNOSEF on Twitter, Facebook or Instagram to upload relevant text, pictures and videos, spreading the word about science!	
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<i>One of the GNOSEF daily prizes is awarded to a Junior Division participant:</i>	
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Rachel Pizzolato	John Curtis Christian
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John Curtis Christian	
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<i>the prize for a participant not presenting in the GNOSEF goes to:</i>	
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Wendy Louque	John Curtis Christian
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John Curtis Christian	
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<i>and the overall Junior Division winner is:</i>	
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Huong Tran	Einstein Charter School
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Einstein Charter School	
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JUNIOR DIVISION**GNOSEF TEACHER/MENTOR AWARD**

This award is presented to teachers who have gone the extra mile to support their students' successful competition in the Greater New Orleans Science and Engineering Fair. The recipient this year greatly impressed the selection committee that the entire \$500 is being awarded to one person. This recipient exhibited diligence in assuring that students completed their science projects, submitted all paperwork in a timely manner, and adhered to all deadlines. This year's recipient had a large number of student entries with winners in different categories and has participated in the Greater New Orleans Science and Engineering Fair for the past 49 years.

Bro. Laurence Konersmann

Christian Brothers

JUNIOR DIVISION GRAND AWARD WINNERS

Two Grand Award Winners in the 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.

Zachary LaBarre

John Curtis Christian

Rachel Pizzolato

John Curtis Christian

Senior Division Category Winners

Place	Category	First Name	Last Name	School	Project Title
4	Animal Sciences	Victoria	Interiano	John Curtis Christian	Which Color of Snapdragon Flowers Attract the Most Bees---White or Dark?
4	Animal Sciences	Anissa	Christmas	New Orleans Charter Math and Science High School	The Effect of Aloe Vera on Worm Regeneration
4	Animal Sciences	Jurnee	Scott	New Orleans Charter Math and Science High School	The Effect of Aloe Vera on Worm Regeneration
4	Behavioral and Social Sciences	Jack	Tomeny	Holy Cross	The effect of playing a musical instrument on memory
4	Biochemistry and Cellular and Molecular	Tracy	Perez	John Curtis Christian	Which Homeopathic Remedy Lightens Hair the Fastest?
4	Biochemistry and Cellular and Molecular	Crystal	Roa	John Ehret High School	Which Type of Citrus Fruit has the Most Vitamin C
4	Biomedical, Health, and Translational	Angelina	Morales	Thomas Jefferson Senior High	Which drink stains eggs the most: punch, cranberry juice, or cola?
4	Chemistry	Emilie	Tran	Ben Franklin High	The correlation between blood types and the 5 factor personality model

Place	Category	First Name	Last Name	School	Project Title
4	Chemistry	Sydney	Steiner	Ben Franklin High	The effect of natural and manmade drinks on electrolytes
4	Earth and Environmental Sciences	Joshua	Hartley	John Curtis Christian	Can a Geiger Counter Provide an Inexpensive Method for Determining the Mining Potential for Rare Earth Elements?
4	Earth and Environmental Sciences	Alexis	Lang	John Curtis Christian	Can a Geiger Counter Provide an Inexpensive Method for Determining the Mining Potential for Rare Earth Elements?
4	Earth and Environmental Sciences	Blythe	Broussard	John Curtis Christian	How Does Saltwater Intrusion Affect Louisiana's Wetlands? --Measuring Chlorophyll Levels in Wetland Grasses.
4	Energy: Chemical	Andrew	Cannata	Ben Franklin High	The effect of temperature on battery life
4	Energy: Physical	Kelsea	Trecek	Grace King High School	Do different light bulbs produce different temperatures?
4	Energy: Physical	Xavier	Mitchell	John Curtis Christian	Will Solar Power Deliver More Power as it is Exposed to More Light?
4	Engineering Mechanics	Jacob	Zanca	Haynes	Protection against flooding
4	Engineering Mechanics	Suraj	Zaveri	Haynes	How does bridge design affect weight bearing capacity?

Place	Category	First Name	Last Name	School	Project Title
4	Environmental Engineering	Swathi	Katakam	Haynes	Which material absorbs the most oil?
4	Environmental Engineering	Aishu	Natarajan	Haynes	Which protective coating best prevents corrosion at extreme conditions?
4	Materials Science	Cooper	Slack	Ben Franklin High	Effects of different materials on reflectance of 940nm wavelength light
4	Materials Science	Matthew	Perniciaro	John Curtis Christian	Reduction of Atmospheric and Salt Water Corrosion on Stainless, Aluminum and Carbon Steel
4	Materials Science	Meredith	Perniciaro	John Curtis Christian	Reduction of Atmospheric and Salt Water Corrosion on Stainless, Aluminum and Carbon Steel
4	Mathematics and Systems Software	Jesse	Gimble	Ben Franklin High	Evaluation of Benfords Law in real-world data set: correlation with IRSE POP Statictics
4	Mathematics and Systems Software	Rachel	Drake	John Curtis Christian	Do Different Times Affect the Accuracy of Eratosthenes' Method to Measure the Earth's Circumference?
4	Microbiology	Gideon	Daniels	John Curtis Christian	"Killer Coffee"
4	Physics and Astronomy	Stephen	Gurtner	Holy Cross	Does temperature of a magnet affect its strength?

Place	Category	First Name	Last Name	School	Project Title
4	Physics and Astronomy	Christian	Pham	John Curtis Christian	Ferromagnetics
4	Physics and Astronomy	Neel	Mondal	Haynes	Effect of mass on a spring's frequency & period
4	Plant Sciences	Kelvin	Nguyen	Ben Franklin High	The effects of Vitamin C on Phaseolus Vulgaris
4	Plant Sciences	Andrew	Vu	Haynes	Aquaponics vs. hydroponics

Place	Category	First Name	Last Name	School	Project Title
3	Animal Sciences	Elle	McCall	Ben Franklin High	Locomotion and limb proportions in primates
3	Behavioral and Social Sciences	Etienne	Adams	Ben Franklin High	Does the amount of art classes determine drawing ability?
3	Biochemistry and Cellular and Molecular	Jack	Wang	Ben Franklin High	The effect of myeloperoxidase function on mouse intestinal microbiota
3	Biomedical, Health, and Translational	Skylar	Randall	Haynes	E-cigarette or E-bigger threat?
3	Chemistry	Sierra	Dashner	Ben Franklin High	The effects of avocado, argan oil, eggs, and coconut oil on the strength of air
3	Chemistry	Kaylee	Johnson	Ben Franklin High	The effects of avocado, argan oil, eggs, and coconut oil on the strength of hair
3	Computational Biology, Bioinformatics,	Longsha	Liu	Ben Franklin High	Gene Expression Patterns of Fgf8 and Fgf10 in Joint Regeneration
3	Earth and Environmental Sciences	Maanasa	Narayanamoorthy	Ben Franklin High	Analysis of pesticide residues in fresh produce across New Orleans grocery stores
3	Embedded Systems and Robotics and	Antonio	James	John Curtis Christian	Can Certain Materials Block WIFI?

Place	Category	First Name	Last Name	School	Project Title
3	Energy: Chemical	Destinee	Rogers	John Ehret High School	The Effect of Temperature on the Time of Luininol Glowed
3	Energy: Physical	Ashley	Seiser	John Curtis Christian	How Does the Width of a Windmill Fan Blade Affect the Output of a Generator?
3	Engineering Mechanics	Sam	Tejeda	Patrick F. Taylor Science & Technology Academy	Given that design of hurricane protection structures changed after Katrina, will the new/current design provide adequate
3	Environmental Engineering	Conor	Bertucci	Ben Franklin High	The effects of shade apparatuses on evaporation
3	Materials Science	Tristyn	Mussall	John Ehret High School	The Effect of Corrosion on Metal Wrapped Nails
3	Mathematics and Systems Software	Meagan	Kelly	Haynes	Blood Spatter Matters
3	Microbiology	Ethan	Nicklows	Ben Franklin High	Comparing the effects of Allium sativum and ampicillin on inhibiting the growth of E. coli and B. subtilis
3	Physics and Astronomy	Wyatt	Heitmeier	Holy Cross	How does a wing fly-A study of Bernoulli's equation
3	Physics and Astronomy	Zachary	St. Pierre	Holy Cross	How does a wing fly-A study of Bernoulli's equation

Place	Category	First Name	Last Name	School	Project Title
3	Plant Sciences	Joshua	Crawford	Holy Cross	Hydroponic growing improvement system

Place	Category	First Name	Last Name	School	Project Title
2	Animal Sciences	DeDe	Drouilhet	Ben Franklin High	The effects of the monosaccharides, glucose and fructose, and the disaccharide, sucrose, on the lifespan of Danaus plexippus
2	Animal Sciences	Adelai	Evans	Ben Franklin High	The effects of the monosaccharides, glucose and fructose, and the disaccharide, sucrose, on the lifespan of Danaus plexippus
2	Behavioral and Social Sciences	Henry	Vollmer	Ben Franklin High	The effect of mathematics progression on short term memory and pattern recognition
2	Biochemistry and Cellular and Molecular	Keenan	Hurst	John Curtis Christian	Bitter Tasting Ability and the TAS2R38 Gene
2	Biomedical, Health, and Translational	Madison	Pierce	Patrick F. Taylor Science & Technology Academy	What factors are most influential in determining success of post-operative physical therapy?
2	Chemistry	Alexandra	Miserendino	Patrick F. Taylor Science & Technology Academy	What is the effect of different photocatalysts on the photodegradation of oil?
2	Computational Biology, Bioinformatics,	Jay	Xiong	Ben Franklin High	Engineering of active TagRFP-HsEg5 motor protein
2	Earth and Environmental Sciences	Maia	Edwards	Ben Franklin High	The effects of glyphosphate concentration on growth of Daphnia magna populations
2	Embedded Systems and Robotics and	Corey	Seiser	John Curtis Christian	Now you see them, soon you won't; disappearing islands of the Barataria Basin

Place	Category	First Name	Last Name	School	Project Title
2	Energy: Chemical	Cameron	Dunn	Ben Franklin High	The effect of angle on solar panel's sunlight collection.
2	Energy: Physical	Devin	Nguyen	Patrick F. Taylor Science & Technology Academy	What is the effect of the angle of attack on the amount of energy generated by hydro-turbine?
2	Engineering Mechanics	Isiah	Byrd	Lusher Charter School	Brake Light Enhancement system
2	Engineering Mechanics	Gerald	Henry	Lusher Charter School	Brake Light Enhancement system
2	Environmental Engineering	Kiara	Horton	Patrick F. Taylor Science & Technology Academy	What type of system can schools nationwide use to evaluate use of green infrastructure?
2	Materials Science	Andrew	Pitari	John Curtis Christian	Which Has a Higher Ignitability: Synthetic or Natural Fabrics?
2	Mathematics and Systems Software	Cebastion	Rubio	John Curtis Christian	What is the Mass of the Earth?
2	Microbiology	Camille	Fischmann	Ben Franklin High	The Effect of Cinnamon as a mold Inhibitor on Applesauce
2	Physics and Astronomy	Michael	Glaser	Ben Franklin High	The Effect of Liquid Cooling on the Energy Efficiency of Solar Panels

Place	Category	First Name	Last Name	School	Project Title
2	Plant Sciences	Catherine	Doherty	Ben Franklin High	Effects of Potassium Nitrate, Calcium Nitrate, and Iodine on Phaseolus Vulgaris

Place	Category	First Name	Last Name	School	Project Title
1	Animal Sciences	Camille	Moss	Ben Franklin High	Food preference of the invasive giant apple snail, <i>Pomacea maculata</i>
1	Behavioral and Social Sciences	A'Jenai	Johnson	John Curtis Christian	Gender Multi-tasking--Does Noise or Silence Affect Testing Between Males & Females?
1	Biochemistry and Cellular and Molecular	Bergen	Sanderford	Isidore Newman High School	Therapeutic cloning combining donor decellularization and recipients own cells, prevents organ rejection.
1	Biomedical, Health, and Translational	Ilaria	Simeone	Ben Franklin High	The mechanistic effects of stromal vascular fraction versus adipose stem cell therapy on macrophage phenotypes in a <i>Mus musculus</i>
1	Chemistry	Tyler	Libert	Patrick F. Taylor Science & Technology Academy	What is the effect of composition on reactivity on Dion-Jacobson perovskites?
1	Computational Biology, Bioinformatics,	Jordan	Canamar	John Curtis Christian	Pikachurin Protein-Analysis in the Human Lineage Using BLAST
1	Earth and Environmental Sciences	Joye	Pate	Patrick F. Taylor Science & Technology Academy	What are the trends in lead emissions in Louisiana over time and space?
1	Embedded Systems and Robotics and	Denton	Young	John Curtis Christian	Low wifi connection?
1	Energy: Chemical	Ava	Dejoie	Ben Franklin High	Comparison of energy derived from microbial fuel cells versus standard batteries

Place	Category	First Name	Last Name	School	Project Title
1	Energy: Physical	David	Lin	Haynes	The Magnet Generator
1	Engineering Mechanics	Marissa	Nguyen	Patrick F. Taylor Science & Technology Academy	How can medical prostheses be improved based on specific accommodations and overall experience of patients?
1	Environmental Engineering	Mason	Varuso	Patrick F. Taylor Science & Technology Academy	How does the thermal conductivity of liquids affect heat absorption in photovoltaic troughs?
1	Materials Science	Isaac	Fincher	John Curtis Christian	Which Material is the Best Noise Insulator?
1	Mathematics and Systems Software	Joseph	Eames	Ben Franklin High	Engineering a sun tracking photo voltaic panel.
1	Microbiology	Jared	Brodtnann	Holy Cross	Dirty money: How much bacteria is lurking in your wallet?
1	Physics and Astronomy	Benjamin	Ebrahim	Ben Franklin High	The Effect of Bleach on the Voltage and Amperage Output of an Aluminum and Copper Battery
1	Plant Sciences	Amie	Sigur	Haynes	Effects of hydrogen peroxide on seed germination

Senior 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						
Mathematics and Systems Software	HM	Cebastion	Rubio	John Curtis Christian	Boucvalt, Cathy	What is the Mass of the Earth?
Materials Science	HM	Isaac	Fincher	John Curtis Christian	Boucvalt, Cathy	Which Material is the Best Noise Insulator?
Energy: Chemical	3	Ava	Dejoie	Ben Franklin High	Dr. Dutta	Comparison of energy derived from microbial fuel cells versus standard batteries
Mathematics and Systems Software	3	Joseph	Eames	Ben Franklin High	Ms. Hartman	Engineering a sun tracking photo voltaic panel.
Energy: Physical	2	Devin	Nguyen	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What is the effect of the angle of attack on the amount of energy generated by hydro-turbine?
Physics and Astronomy	1	Christian	Pham	John Curtis Christian	Boucvalt, Cathy	Ferromagnetics

Category	Place	First Name	Last Name	School	Teacher	Project Title
American Meteorological Society (AMS)						
Earth and Environmental Sciences	1	Kyle	Gaudet	Holy Cross	W. Bernard	Does the pH and salinity of water affect the growth of Phragmites australis in wetlands of southeast Louisiana?
Earth and Environmental Sciences	1	Blythe	Broussard	John Curtis Christian	Boucvalt, Cathy	How Does Saltwater Intrusion Affect Louisiana's Wetlands? --Measuring Chlorophyll Levels in Wetland Grasses.
Embedded Systems and Robotics and Intelligent	1	Corey	Seiser	John Curtis Christian	Boucvalt, Cathy	Now you see them, soon you won't; disappearing islands of the Barataria Basin
Plant Sciences	1	Brittanie	Benzenhafer	John Curtis Christian	Simmons, Anthony	Sunlight vs. Artificial Light

Category	Place	First Name	Last Name	School	Teacher	Project Title
American Petroleum Institute (API) Delta Chapter						
Environmental Engineering	3	Mason	Varuso	Patrick F. Taylor Science & Technology Academy	Janell Simpson	How does the thermal conductivity of liquids affect heat absorption in photovoltaic troughs?
Physics and Astronomy	2	Michael	Glaser	Ben Franklin High	Ms. Burchette	The Effect of Liquid Cooling on the Energy Efficiency of Solar Panels
Earth and Environmental Sciences	1	Hayden	Waldvogel	Holy Cross	David Westfall	What is the best way to clean up oil from an oil spill?
American Psychological Association						
Behavioral and Social Sciences	1	Henry	Vollmer	Ben Franklin High	Ms. Steinbauer	The effect of mathematics progression on short term memory and pattern recognition
Behavioral and Social Sciences	1	A'Jenai	Johnson	John Curtis Christian	Boucvalt, Cathy	Gender Multi-tasking--Does Noise or Silence Affect Testing Between Males & Females?

Category	Place	First Name	Last Name	School	Teacher	Project Title
American Welding Society - New Orleans Section						
Materials Science	HM	Tristyn	Mussall	John Ehret High School	D.Bloome nstiel	The Effect of Corrosion on Metal Wrapped Nails
Materials Science	1	Matthew	Perniciaro	John Curtis Christian	Boucvalt, Cathy	Reduction of Atmospheric and Salt Water Corrosion on Stainless, Aluminum and Carbon Steel
Materials Science	1	Meredith	Perniciaro	John Curtis Christian	Boucvalt, Cathy	Reduction of Atmospheric and Salt Water Corrosion on Stainless, Aluminum and Carbon Steel
ASM International Foundation						
Materials Science	2	Andrew	Pitari	John Curtis Christian	Boucvalt, Cathy	Which Has a Higher Ignitability: Synthetic or Natural Fabrics?
Materials Science	1	Tristyn	Mussall	John Ehret High School	D.Bloome nstiel	The Effect of Corrosion on Metal Wrapped Nails
Association for Women Geoscientists Foundation						
Earth and Environmental Sciences	1	Joye	Pate	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What are the trends in lead emissions in Louisiana over time and space?

Category	Place	First Name	Last Name	School	Teacher	Project Title
ASU Rob and Melani Walton Sustainability Solutions Initiatives						
Animal Sciences	1	Camille	Moss	Ben Franklin High	K. Clincy	Food preference of the invasive giant apple snail, Pomacea maculata
Earth and Environmental Sciences	1	Maanasa	Narayanamoorthy	Ben Franklin High	Dr. Spahn	Analysis of pesticide residues in fresh produce across New Orleans grocery stores
Earth and Environmental Sciences	1	Joye	Pate	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What are the trends in lead emissions in Louisiana over time and space?
Engineering Mechanics	1	Sam	Tejeda	Patrick F. Taylor Science & Technology Academy	Janell Simpson	Given that design of hurricane protection structures changed after Katrina, will the new/current design provide adequate protection when sea
Bruce J. Heim Foundation						
Biomedical, Health, and Translational Medical	1	Ilaria	Simeone	Ben Franklin High	Ms. Clincy	The mechanistic effects of stromal vascular fraction versus adipose stem cell therapy on macrophage phenotypes in a Mus musculus model of multiple

Category	Place	First Name	Last Name	School	Teacher	Project Title
GENIUS (Global Environmental Issues) Olympiad						
Chemistry	1	Alexandra	Miserendino	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What is the effect of different photocatalysts on the photodegradation of oil?
Earth and Environmental Sciences	1	Maanasa	Narayanamoorthy	Ben Franklin High	Dr. Spahn	Analysis of pesticide residues in fresh produce across New Orleans grocery stores
GRAND AWARD						
Animal Sciences	1	Camille	Moss	Ben Franklin High	K. Clincy	Food preference of the invasive giant apple snail, Pomacea maculata
Chemistry	1	Tyler	Libert	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What is the effect of composition on reactivity on Dion-Jacobson perovskites?
Environmental Engineering	1	Mason	Varuso	Patrick F. Taylor Science & Technology Academy	Janell Simpson	How does the thermal conductivity of liquids affect heat absorption in photovoltaic troughs?
Physics and Astronomy	1	Michael	Glaser	Ben Franklin High	Ms. Burchette	The Effect of Liquid Cooling on the Energy Efficiency of Solar Panels

Category	Place	First Name	Last Name	School	Teacher	Project Title
Gulf Coast Safety and Training Group						
Biomedical, Health, and Translational Medical	1	Madison	Pierce	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What factors are most influential in determining success of post-operative physical therapy?
Materials Science	1	Andrew	Pitari	John Curtis Christian	Boucvalt, Cathy	Which Has a Higher Ignitability: Synthetic or Natural Fabrics?
Intel Excellence in Computer Science						
Embedded Systems and Robotics and Intelligent	1	Corey	Seiser	John Curtis Christian	Boucvalt, Cathy	Now you see them, soon you won't; disappearing islands of the Barataria Basin
Mathematics and Systems Software	1	Joseph	Eames	Ben Franklin High	Ms. Hartman	Engineering a sun tracking photo voltaic panel.
Iota Sigma Pi, National Honor Society for Women in Chemistry (Local Chapter)						
Chemistry	1	Alexandra	Miserendino	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What is the effect of different photocatalysts on the photodegradation of oil?

Category	Place	First Name	Last Name	School	Teacher	Project Title
I-SWEEEP- International Sustainable World (Energy, Engineering, & Environment) Project Olympiad						
Environmental Engineering	2	Kiara	Horton	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What type of system can schools nationwide use to evaluate use of green infrastructure?
Earth and Environmental Sciences	1	Joye	Pate	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What are the trends in lead emissions in Louisiana over time and space?
M. S. Benbow & Associates						
Energy: Chemical	2	Ava	Dejoie	Ben Franklin High	Dr. Dutta	Comparison of energy derived from microbial fuel cells versus standard batteries
Energy: Chemical	1	Andrew	Cannata	Ben Franklin High	Mr. Moorhead	The effect of temperature on battery life
MENSA - (The High IQ Society), N.O. Chapter						
Physics and Astronomy	2	Michael	Glaser	Ben Franklin High	Ms. Burchette	The Effect of Liquid Cooling on the Energy Efficiency of Solar Panels
Mathematics and Systems Software	1	Joseph	Eames	Ben Franklin High	Ms. Hartman	Engineering a sun tracking photo voltaic panel.

Category	Place	First Name	Last Name	School	Teacher	Project Title
Mu Alpha Theta						
Mathematics and Systems Software	1	Jesse	Gimble	Ben Franklin High	Dr. Tabony	Evaluation of Benfords Law in real-world data set: correlation with IRSE POP Statisticts
Mathematics and Systems Software	1	Cebastion	Rubio	John Curtis Christian	Boucvalt, Cathy	What is the Mass of the Earth?
NASA EARTH System Science Award						
Earth and Environmental Sciences	1	Joshua	Hartley	John Curtis Christian	Boucvalt, Cathy	Can a Geiger Counter Provide an Inexpensive Method for Determining the Mining Potential for Rare Earth Elements?
Earth and Environmental Sciences	1	Alexis	Lang	John Curtis Christian	Boucvalt, Cathy	Can a Geiger Counter Provide an Inexpensive Method for Determining the Mining Potential for Rare Earth Elements?
Earth and Environmental Sciences	1	Blythe	Broussard	John Curtis Christian	Boucvalt, Cathy	How Does Saltwater Intrusion Affect Louisiana's Wetlands? --Measuring Chlorophyll Levels in Wetland Grasses.

Category	Place	First Name	Last Name	School	Teacher	Project Title
National Oceanic and Atmospheric Administration (NOAA)						
Earth and Environmental Sciences	1	Blythe	Broussard	John Curtis Christian	Boucvalt, Cathy	How Does Saltwater Intrusion Affect Louisiana's Wetlands? --Measuring Chlorophyll Levels in Wetland Grasses.
Engineering Mechanics	1	Jacob	Zanca	Haynes	D. Prentice	Protection against flooding
Neuroscience						
Biomedical, Health, and Translational Medical	2	Ilaria	Simeone	Ben Franklin High	Ms. Clincy	The mechanistic effects of stromal vascular fraction versus adipose stem cell therapy on macrophage phenotypes in a Mus musculus model of multiple
Mathematics and Systems Software	1	Rayne	Torry	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What type of filter will outperform other smoothing mechanisms in removing detrimental noise and microevents without distorting the
New Orleans Federal Executive Board						
Energy: Physical	1	Devin	Nguyen	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What is the effect of the angle of attack on the amount of energy generated by hydro-turbine?

Category	Place	First Name	Last Name	School	Teacher	Project Title
New Orleans Geological Society						
Earth and Environmental Sciences	3	Blythe	Broussard	John Curtis Christian	Boucvalt, Cathy	How Does Saltwater Intrusion Affect Louisiana's Wetlands? --Measuring Chlorophyll Levels in Wetland Grasses.
Earth and Environmental Sciences	2	Hayden	Waldvogel	Holy Cross	David Westfall	What is the best way to clean up oil from an oil spill?
Earth and Environmental Sciences	1	Keiana	Cave	Lusher Charter School	Stephen Collins	Quantifying the Interactions Between Aldehydes (Propionaldehyde, Octanal, and Hexanal) and Bacterial Endophytes from the Deepwater Horizon Oil Spill
New Orleans Section of NACE International						
Materials Science	2	Andrew	Pitari	John Curtis Christian	Boucvalt, Cathy	Which Has a Higher Ignitability: Synthetic or Natural Fabrics?
Materials Science	1	Tristyn	Mussall	John Ehret High School	D.Bloome nstiel	The Effect of Corrosion on Metal Wrapped Nails

Category	Place	First Name	Last Name	School	Teacher	Project Title
Office of Naval Research						
Biomedical, Health, and Translational Medical	1	Ilaria	Simeone	Ben Franklin High	Ms. Clincy	The mechanistic effects of stromal vascular fraction versus adipose stem cell therapy on macrophage phenotypes in a Mus musculus model of multiple
Mathematics and Systems Software	1	Jesse	Gimble	Ben Franklin High	Dr. Tabony	Evaluation of Benfords Law in real-world data set: correlation with IRSE POP Statitics
Mathematics and Systems Software	1	Joseph	Eames	Ben Franklin High	Ms. Hartman	Engineering a sun tracking photo voltaic panel.
Mathematics and Systems Software	1	Marco	Flores	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What is the effect of various web vulnerabilities on the user-end root access?
Ricoh Americas Corporation						
Energy: Chemical	1	Cameron	Dunn	Ben Franklin High	Mr. Moorhead	The effect of angle on solar panel's sunlight collection.
Physics and Astronomy	1	Michael	Glaser	Ben Franklin High	Ms. Burchette	The Effect of Liquid Cooling on the Energy Efficiency of Solar Panels

Category	Place	First Name	Last Name	School	Teacher	Project Title
Sierra Club, New Orleans Group						
Earth and Environmental Sciences	2	Maia	Edwards	Ben Franklin High	Dr. Spahn	The effects of glyphosphate concentration on growth of Daphnia magna populations
Earth and Environmental Sciences	1	Keiana	Cave	Lusher Charter School	Stephen Collins	Quantifying the Interactions Between Aldehydes (Propionaldehyde, Octanal, and Hexanal) and Bacterial Endophytes from the Deepwater Horizon Oil Spill
Society for In Vitro Biology						
Computational Biology, Bioinformatics, and	1	Longsha	Liu	Ben Franklin High	Ms. Clincy	Gene Expression Patterns of Fgf8 and Fgf10 in Joint Regeneration

Category	Place	First Name	Last Name	School	Teacher	Project Title
Society for Toxicology						
Biochemistry and Cellular and Molecular Biology	1	Jack	Wang	Ben Franklin High	Dr. Spahn	The effect of myeloperoxidase function on mouse intestinal microbiota
Biochemistry and Cellular and Molecular Biology	1	Joey	Moraitis	Ben Franklin High	Dr. Warzeski	Using hyperspectral reflectance and fluorometry to detect mold growth and aflatoxin accumulation in corn kernels
Biochemistry and Cellular and Molecular Biology	1	Keenan	Hurst	John Curtis Christian	Boucvalt, Cathy	Bitter Tasting Ability and the TAS2R38 Gene
Biochemistry and Cellular and Molecular Biology	1	JoAnn	Vu	John Ehret High School	D.Bloome nstiel	The Effect of Salinity on Seed Sprout Growth
Computational Biology, Bioinformatics, and	1	Jay	Xiong	Ben Franklin High	Dr. Spahn	Engineering of active TagRFP-HsEg5 motor protein
Earth and Environmental Sciences	1	Hayden	Waldvogel	Holy Cross	David Westfall	What is the best way to clean up oil from an oil spill?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Microbiology	1	Camille	Fischmann	Ben Franklin High	Ms. Hartman	The Effect of Cinnamon as a mold Inhibitor on Applesauce
Plant Sciences	1	Kelvin	Nguyen	Ben Franklin High	Mr. Masterson	The effects of Vitamin C on Phaseolus Vulgaris
Plant Sciences	1	Brendon	Tiggs	John Curtis Christian	Boucvalt, Cathy	How Does Caffeine Affect Plant Growth?
Plant Sciences	1	Amie	Sigur	Haynes	D. Prentice	Effects of hydrogen peroxide on seed germination
Society of American Military Engineers (SAME)						
Engineering Mechanics	2	Sam	Tejeda	Patrick F. Taylor Science & Technology Academy	Janell Simpson	Given that design of hurricane protection structures changed after Katrina, will the new/current design provide adequate protection when sea
Engineering Mechanics	1	Jacob	Zanca	Haynes	D. Prentice	Protection against flooding

Category	Place	First Name	Last Name	School	Teacher	Project Title
Stockholm Junior Water Prize						
Chemistry	1	Taylor	Tarleton	Haynes	D. Prentice	Which drink has the most electrolytes?
Earth and Environmental Sciences	1	Maanasa	Narayanamoorthy	Ben Franklin High	Dr. Spahn	Analysis of pesticide residues in fresh produce across New Orleans grocery stores
Earth and Environmental Sciences	1	Blythe	Broussard	John Curtis Christian	Boucvalt, Cathy	How Does Saltwater Intrusion Affect Louisiana's Wetlands? --Measuring Chlorophyll Levels in Wetland Grasses.
Earth and Environmental Sciences	1	Keiana	Cave	Lusher Charter School	Stephen Collins	Quantifying the Interactions Between Aldehydes (Propionaldehyde, Octanal, and Hexanal) and Bacterial Endophytes from the Deepwater Horizon Oil Spill
Energy: Physical	1	Devin	Nguyen	Patrick F. Taylor Science & Technology Academy	Janell Simpson	What is the effect of the angle of attack on the amount of energy generated by hydro-turbine?
Environmental Engineering	1	Simone	McGowan	Thomas Jefferson Senior High	Lott, Hollie	Chlorine Removal From Water Through an Activated Carbon Filter

Category	Place	First Name	Last Name	School	Teacher	Project Title
Physics and Astronomy	1	Benjamin	Ebrahim	Ben Franklin High	Ms. Hartman	The Effect of Bleach on the Voltage and Amperage Output of an Aluminum and Copper Battery
Plant Sciences	1	Andrew	Vu	Haynes	D. Prentice	Aquaponics vs. hydroponics
Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch						
Materials Science	2	Meredith	Perniciaro	John Curtis Christian	Boucvalt, Cathy	Reduction of Atmospheric and Salt Water Corrosion on Stainless, Aluminum and Carbon Steel
Materials Science	2	Matthew	Perniciaro	John Curtis Christian	Boucvalt, Cathy	Reduction of Atmospheric and Salt Water Corrosion on Stainless, Aluminum and Carbon Steel
Engineering Mechanics	1	Suraj	Zaveri	Haynes	D. Prentice	How does bridge design affect weight bearing capacity?

Category	Place	First Name	Last Name	School	Teacher	Project Title
Tulane University School of Science and Engineering - Tulane Science Scholars Program						
Biomedical, Health, and Translational Medical	2	Ilaria	Simeone	Ben Franklin High	Ms. Clincy	The mechanistic effects of stromal vascular fraction versus adipose stem cell therapy on macrophage phenotypes in a Mus musculus model of multiple
Environmental Engineering	1	Mason	Varuso	Patrick F. Taylor Science & Technology Academy	Janell Simpson	How does the thermal conductivity of liquids affect heat absorption in photovoltaic troughs?
U.S. Department of Agriculture - Agricultural Research Service						
Biochemistry and Cellular and Molecular Biology	1	Richard	Chen	Ben Franklin High	Mr. Moorhead	Control of soybean rust disease via a novel host induced gene silencing (HIGS) approach
U.S. Metric Association						
Mathematics and Systems Software	1	Cebastian	Rubio	John Curtis Christian	Boucvalt, Cathy	What is the Mass of the Earth?
Mathematics and Systems Software	1	Meagan	Kelly	Haynes	D. Prentice	Blood Spatter Matters

Category	Place	First Name	Last Name	School	Teacher	Project Title
Women for a Better Louisiana						
Earth and Environmental Sciences	1	Joshua	Hartley	John Curtis Christian	Boucvalt, Cathy	Can a Geiger Counter Provide an Inexpensive Method for Determining the Mining Potential for Rare Earth Elements?
Earth and Environmental Sciences	1	Alexis	Lang	John Curtis Christian	Boucvalt, Cathy	Can a Geiger Counter Provide an Inexpensive Method for Determining the Mining Potential for Rare Earth Elements?
Yale Science & Engineering Association, Inc.						
Mathematics and Systems Software	1	Joseph	Eames	Ben Franklin High	Ms. Hartman	Engineering a sun tracking photo voltaic panel.
Physics and Astronomy	1	Michael	Glaser	Ben Franklin High	Ms. Burchette	The Effect of Liquid Cooling on the Energy Efficiency of Solar Panels

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

American Society for Materials International Foundation will recognize the most outstanding 10th and 11th Grade High School (students going into 11th and 12th grade) exhibits in materials engineering science. First Place student winner is awarded a certificate, medallion, and all-expense-paid trip to a one-week materials camp in Ohio on July 31 to August 5, 2016. 2nd place winner is recognized and is an alternate should the first place winner not be able to attend the materials camp.

(2nd) Andrew Pitari

John Curtis Christian

(1st) Tristyn Mussall

John Ehret High School

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 April 26-May 1, 2016, with hotel accommodation, all breakfasts and pre-arranged luncheons, and local transportation.

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

(2nd) Kiara Horton

Patrick F. Taylor Science & Technology Academy

(1st) Joye Pate

Lusher Charter School

Social Media Awards

Prizes are awarded to Social Media Contest winners with five daily drawings throughout the week and an overall prize in both middle and high school. An additional prize 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, spreading the word about science!

Four of the GNOSEF daily prizes are awarded to Senior Division participants:

Joye Pate	Patrick F. Taylor Science & Technology Academy
Catherine Doherty	Ben Franklin High School
Sam Tejada	Patrick F. Taylor Science & Technology Academy
Rayne Torry	Patrick F. Taylor Science & Technology Academy

the prize for a participant not presenting in the GNOSEF goes to:

Wendy Louque	John Curtis Christian
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and the overall Senior Division winner is:

Kaylee Johnson	Ben Franklin High School
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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

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) - Mason Varuso

Patrick F. Taylor Science & Technology Academy

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. This year, a runner-up will be presented with a \$1,000 college scholarship upon presentation of an acceptance letter into a college of their choice.

(2nd) Ilaria Simeone

Benjamin Franklin High School

(1st) Rayne Torry

Patrick F. Taylor Science & Technology Academy

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 his/her school.

(Runner-up) Janell Simpson

Patrick F. Taylor Science & Technology Academy

(1st) Annie Bowles

Benjamin Franklin High School

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 Grand Award Judging Panel.

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.

Michael Glaser	Benjamin Franklin High School (teacher: Lisa Hartman)
Tyler Libert	Patrick F. Taylor Science & Technology Academy (teacher: Janell Simpson)
Camille Moss	Benjamin Franklin High School (teacher: Kady Clincy)
Mason Varuso	Patrick F. Taylor Science & Technology Academy (teacher: Janell Simpson)
The 2 teachers selected by the Grand Award Judging Panel to attend ISEF are:	
Kady Clincy	Benjamin Franklin High School
Janell Simpson	Patrick F. Taylor Science & Technology Academy