

JUNIOR DIVISION GRAND AWARD WINNERS

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.

Emmeline Meyer

International School of Louisiana - Camp

Kylie Walsdorf

John Curtis Christian

JUNIOR DIVISION CATEGORY AWARD WINNERS

Place	Category	First Name	Last Name	School	Project Title
1	Animal Sciences	Emmeline	Meyer	International School of Louisiana - Camp	Repel-"Ants"
1	Biochemistry and Cellular and Molecular Biology	Amir	Gentry	Lake Forest Elementary Charter School	What's in Your DNA?
1	Behavioral and Social Sciences	Patricia	Peters	John Curtis Christian	How Does the Color Temperature of artificial Light Affect the Viewer's Perception of a Space?
1	Chemistry	Gregory	Taravella	John Curtis Christian	Metal Corrosion Prevention
1	Earth and Environmental Sciences	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Plastic affect on ocean/biodegradable plastic
1	Energy: Chemical and Physical	Alyssa	Aldrete	Kenner Discovery Health Sciences Academy	Burn A Nut
1	Electrical and Computer engineering (Robotics, Embedded Systems, Electrical Design)	Justin	Green	Lake Forest Elementary Charter School	Building Flashlight Model (power the light bulb in a flashlight)

1	Environmental Engineering (Pollution, Recycling, Waste Management)	Keyuo	Craver	Lake Forest Elementary Charter School	Find a solution that allows seawater to be fresh. The fresh water should be drinkable by humans
1	Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	Sebastian	Scry	International School of Louisiana - Camp	Water vs. Electromagnet
1	Mathematics and Computers and Programming	Jayden	Frere	Lake Forest Elementary Charter School	What are if then statements and how they do affect how programs work?
1	Medicine & Health and Microbiology (including Biomedical Engineering)	Ben	Taravella	John Curtis Christian	Bacterial Banishers
1	Physics and Astronomy	Hannah	Jacobs	Lake Forest Elementary Charter School	Morphological Identification of Wide-Separation Gravitationally Lensed Quasars
1	Plant Sciences	Lauren	Ejiaga	Lake Forest Elementary Charter School	How significant are the effects of UV radiation on plant life?
2	Animal Sciences	Brody	Calamusa	Holy Cross School	What's the birds favorite color?
2	Biochemistry and Cellular and Molecular Biology	Taylor	Peaden	John Curtis Christian	Which Moisturizer Best Keeps the Skin Hydrated?
2	Behavioral and Social Sciences	Nicholas	Tran	Lake Forest Elementary Charter School	Stroop effect (native english vs. non native english speakers
2	Chemistry	Valiant	Cuiellette	International School of Louisiana - Camp	Coffee vs Tee (Shirt)
2	Earth and Environmental Sciences	Madison	Verbest	John Curtis Christian	Slippery Slope
2	Energy: Chemical and Physical	Noah	Broussard	Christian Brothers - City Park	Can You Please Keep the Noise Down
2	Electrical and Computer engineering (Robotics, Embedded Systems, Electrical Design)	Pitambar	Guha	Kenner Discovery Health Sciences Academy	What Effect Does Blade Size and Shape Have on Turbulence, Lift off, as Well as Flight?

2	Environmental Engineering (Pollution, Recycling, Waste Management)	Aurelia	Austin	John Curtis Christian	Make a Waterproof Case That Will Protect the Electric Soil Moisture Sensor
2	Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	Kylie	Walsdorf	John Curtis Christian	Do Submarines Need Fins?
2	Mathematics and Computers and Programming	Amya	Jorden	Lake Forest Elementary Charter School	How can I make my own virtual reality goggles just as effective as the real thing?
2	Medicine & Health and Microbiology (including Biomedical Engineering)	Jasmin	Kumar	St. Andrew's Episcopal School	Do Your Stuffed Animals Need a Bath?
2	Physics and Astronomy	Tate	Dupré	Christian Brothers - City Park	Truth About Teflon: Can anything stick to Teflon or is it really the "slipperiest substance in the world"?
2	Physics and Astronomy	Noah	Hernandez	Christian Brothers - City Park	Truth About Teflon: Can anything stick to Teflon or is it really the "slipperiest substance in the world"?
2	Plant Sciences	Sophie	Stopak	International School of Louisiana - Camp	Tip-Toe through the Tulips
3	Animal Sciences	Xyla	Clark	Lake Forest Elementary Charter School	Will daphnia's heart rate react to caffeine in a negative or positive manner?
3	Biochemistry and Cellular and Molecular Biology	Demi	Route	Lake Forest Elementary Charter School	Near sightedness vs. Far sightedness (in various age groups)
3	Chemistry	Thao Vy	Nguyen	Lake Forest Elementary Charter School	Spherification Method
3	Earth and Environmental Sciences	Sophia	Holloway	Lake Forest Elementary Charter School	Are there ways that storm drains can be built, that can help keep the oceans be more trash free?
3	Energy: Chemical and Physical	Gabriel	Henry	Lake Forest Elementary Charter School	Electrolyte Challenge

3	Electrical and Computer engineering (Robotics, Embedded Systems, Electrical Design)	Jade	Mason	Lake Forest Elementary Charter School	how light is reflected from different color surfaces, and build a circuit that can differentiate between red and green produce?
3	Environmental Engineering (Pollution, Recycling, Waste Management)	Laila	Javery	Lake Forest Elementary Charter School	How can we prevent debris from getting into our drainage systems/waterways?
3	Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	Grace	Wallace	Christian Brothers - Canal St	Who Let the Food Out?
3	Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	Briley	Pippin	Christian Brothers - Canal St	Who Let the Food Out?
3	Mathematics and Computers and Programming	Stephen	Ratcliff	Lake Forest Elementary Charter School	What type of material will affect the signal strength the most?
3	Medicine & Health and Microbiology (including Biomedical Engineering)	Aidan	Anthaume	Holy Cross School	Video Games effect on blood pressure
3	Medicine & Health and Microbiology (including Biomedical Engineering)	Ethan	Boyd	Holy Cross School	Video Games effect on blood pressure
3	Physics and Astronomy	Keith	Chiro	John Curtis Christian	Does Drag Affect the Distance a Paper Airplane Travels?
3	Plant Sciences	Michael	Sam-Pang	John Curtis Christian	Can CBD Isolate Combined with Electrical Stimulation Improve Germination and Growth?
4	Animal Sciences	Kodi	Knockum	Lake Forest Elementary Charter School	Does a lizards appetite increase when the temperature in their habitat increases?
4	Animal Sciences	Gabe	Whittington	John Curtis Christian	If Insects are attracted to the color white more than blue, then it explains why people paint their porches blue
4	Biochemistry and Cellular and Molecular Biology	Derek	Dungan	John Curtis Christian	Will Enzyme Activity Increase or Decrease with the Amount of Pectinase in the Apple Juice?
4	Chemistry	FATIMA	ALSHEREES	Islamic School of Greater New Orleans	OH HOW THE COLOR GO!

4	Energy: Chemical and Physical	Brandon	Morales	Riverdale Middle School	Does the amount of Citric Acid affect how much Energy is Created?
4	Energy: Chemical and Physical	Amy	Tabora	Riverdale Middle School	Does the amount of Citric Acid affect how much Energy is Created?
4	Energy: Chemical and Physical	Kameryn	Washington	International School of Louisiana - Camp	Fire vs Materials
4	Electrical and Computer engineering (Robotics, Embedded Systems, Electrical Design)	Kylen	Strider	John Curtis Christian	How Does the Resistance of a Pencil Resistor Affect the Brightness of a Light bulb?
4	Environmental Engineering (Pollution, Recycling, Waste Management)	Christine	Holliday	International School of Louisiana - Camp	Does Light Help Plastic Straws Degrade?
4	Environmental Engineering (Pollution, Recycling, Waste Management)	Miley	Percle	John Curtis Christian	Goo-Be-Gone: Cleaning Up Oil Spills.
4	Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	Joseph	Simon	Holy Cross School	The difference the size and location of an aleron has on a airplane
4	Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	William	Long	Christian Brothers - City Park	"Unbreakable"
4	Medicine & Health and Microbiology (including Biomedical Engineering)	Veda	Himel	International School of Louisiana - Camp	Mardi Gras Misfortune
4	Physics and Astronomy	Joseph	Fagin	John Curtis Christian	How Much Force Does it Take to Drive a Nail Through Different Types of Wood?
4	Plant Sciences	Ozell	Cruz	Kenner Discovery Health Sciences Academy	Aquaponics the future of farming
4	Plant Sciences	Colin	Hill	Christian Brothers - City Park	Ready, Set, Grow

GNOSEF Special Awards

Category	Place	FirstName	LastName	School	TeacherFirst	TeacherLast	ProjectTitle
American Chemical Society Louisiana Local Section							
Chemistry	1	Thao Vy	Nguyen	Lake Forest Elementary Charter School	Sharika	Hagan	Spherification Method
American Institute of Aeronautics and Astronautics (AIAA) Greater New Orleans Section							
Energy: Chemical and Physical	HM	Alyssa	Aldrete	Kenner Discovery Health Sciences Academy	Kristin	Oliveri	Burn A Nut
Environmental Engineering (Pollution, Recycling, Waste Management)	HM	Keyuo	Craver	Lake Forest Elementary Charter School	Sharika	Hagan	Find a solution that allows seawater to be fresh. The fresh water should be drinkable by humans
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	HM	Joseph	Simon	Holy Cross School	Tara	Lavender	The difference the size and location of an aleron has on a airplane
Earth and Environmental Sciences	3	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
Energy: Chemical and Physical	2	Noah	Broussard	Christian Brothers - City Park	Thomas	Constant	Can You Please Keep the Noise Down
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	1	Kylie	Walsdorf	John Curtis Christian	Kathy	Bush	Do Submarines Need Fins?
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	1	Sebastian	Scry	International School of Louisiana - Camp	Karen	Marshall	Water vs. Electromagnet
American Institute of Chemical Engineers - New Orleans Section							

Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	1	Sebastian	Scry	International School of Louisiana - Camp	Karen	Marshall	Water vs. Electromagnet
American Psychological Association							
Behavioral and Social Sciences	1	Patricia	Peters	John Curtis Christian	Cathy	Boucvalt	How Does the Color Temperature of artificial Light Affect the Viewer's Perception of a Space?
Association for Women Geoscientists Foundation							
Earth and Environmental Sciences	1	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
Broadcom MASTERS							
Animal Sciences	1	Emmeline	Meyer	International School of Louisiana - Camp	Karen	Marshall	Repel-"Ants"
Biochemistry and Cellular and Molecular Biology	1	Amir	Gentry	Lake Forest Elementary Charter School	Marla	Watts	What's in Your DNA?
Biochemistry and Cellular and Molecular Biology	1	Taylor	Peaden	John Curtis Christian	Nicole	Fabacher	Which Moisturizer Best Keeps the Skin Hydrated?
Behavioral and Social Sciences	1	Patricia	Peters	John Curtis Christian	Cathy	Boucvalt	How Does the Color Temperature of artificial Light Affect the Viewer's Perception of a Space?
Chemistry	1	Gregory	Taravella	John Curtis Christian	Cathy	Boucvalt	Metal Corrosion Prevention
Chemistry	1	Valiant	Cuiellette	International School of Louisiana - Camp	Karen	Marshall	Coffee vs Tee (Shirt)
Earth and Environmental Sciences	1	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
Earth and Environmental Sciences	1	Madison	Verbest	John Curtis Christian	Cathy	Boucvalt	Slippery Slope

Energy: Chemical and Physical	1	Alyssa	Aldrete	Kenner Discovery Health Sciences Academy	Kristin	Oliveri	Burn A Nut
Energy: Chemical and Physical	1	Noah	Broussard	Christian Brothers - City Park	Thomas	Constant	Can You Please Keep the Noise Down
Electrical and Computer engineering (Robotics, Embedded Systems, Electrical Design)	1	Justin	Green	Lake Forest Elementary Charter School	Sharika	Hagan	Building Flashlight Model (power the light bulb in a flashlight)
Electrical and Computer engineering (Robotics, Embedded Systems, Electrical Design)	1	Pitambar	Guha	Kenner Discovery Health Sciences Academy	Kristin	Oliveri	What Effect Does Blade Size and Shape Have on Turbulence, Lift off, as Well as Flight?
Environmental Engineering (Pollution, Recycling, Waste Management)	1	Keyuo	Craver	Lake Forest Elementary Charter School	Sharika	Hagan	Find a solution that allows seawater to be fresh. The fresh water should be drinkable by humans
Environmental Engineering (Pollution, Recycling, Waste Management)	1	Aurelia	Austin	John Curtis Christian	Kathy	Bush	Make a Waterproof Case That Will Protect the Electric Soil Moisture Sensor
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	1	Kylie	Walsdorf	John Curtis Christian	Kathy	Bush	Do Submarines Need Fins?
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	1	Sebastian	Scry	International School of Louisiana - Camp	Karen	Marshall	Water vs. Electromagnet
Medicine & Health and Microbiology (including Biomedical Engineering)	1	Jasmin	Kumar	St. Andrew's Episcopal School	Maureen	Missavage	Do Your Stuffed Animals Need a Bath?
Medicine & Health and Microbiology (including Biomedical Engineering)	1	Ben	Taravella	John Curtis Christian	Cathy	Boucvalt	Bacterial Banishers

Physics and Astronomy	1	Hannah	Jacobs	Lake Forest Elementary Charter School	Sharika	Hagan	Morphological Identification of Wide-Separation Gravitationally Lensed Quasars
Plant Sciences	1	Lauren	Ejiaga	Lake Forest Elementary Charter School	Sharika	Hagan	How significant are the effects of UV radiation on plant life?
Electric Girls							
Energy: Chemical and Physical	1	Melani	Martinez	International School of Louisiana - Camp	Karen	Marshall	Simply Shoes
GENIUS (Global Environmental Issues) Olympiad							
Earth and Environmental Sciences	1	Adriana	Caldcleugh	Kenner Discovery Health Sciences Academy	Kristin	Oliveri	How Do Oil Spills Impact Aquatic Plants?
Lemelson Early Inventor Prize							
Earth and Environmental Sciences	1	Sophia	Holloway	Lake Forest Elementary Charter School	Sharika	Hagan	Are there ways that storm drains can be built, that can help keep the oceans be more trash free?
Mad Science Southeast Louisiana							
Earth and Environmental Sciences	1	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
MENSA - (The High IQ Society), N.O. Chapter							
Medicine & Health and Microbiology (including Biomedical Engineering)	2	Veda	Himel	International School of Louisiana - Camp	Karen	Marshall	Mardi Gras Misfortune
Behavioral and Social Sciences	1	Patricia	Peters	John Curtis Christian	Cathy	Boucvalt	How Does the Color Temperature of artificial Light Affect the Viewer's Perception of a Space?
NASA EARTH System Science Award							

Plant Sciences	1	Lauren	Ejiaga	Lake Forest Elementary Charter School	Sharika	Hagan	How significant are the effects of UV radiation on plant life?
National Oceanic and Atmospheric Administration (NOAA)							
Earth and Environmental Sciences	1	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
New Orleans Geological Society							
Earth and Environmental Sciences	3	Madison	Verbest	John Curtis Christian	Cathy	Boucvalt	Slippery Slope
Earth and Environmental Sciences	2	Claire	Drucker	International School of Louisiana - Camp	Karen	Marshall	Let it Rain
Office of Naval Research (U.S. Navy/ U.S. Marine Corps)							
Earth and Environmental Sciences	1	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
Environmental Engineering (Pollution, Recycling, Waste Management)	1	Keyuo	Craver	Lake Forest Elementary Charter School	Sharika	Hagan	Find a solution that allows seawater to be fresh. The fresh water should be drinkable by humans
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	1	Kylie	Walsdorf	John Curtis Christian	Kathy	Bush	Do Submarines Need Fins?
Pontchartrain Astronomy Society							
Physics and Astronomy	1	Hannah	Jacobs	Lake Forest Elementary Charter School	Sharika	Hagan	Morphological Identification of Wide-Separation Gravitationally Lensed Quasars
Ricoh Americas Corporation							
Earth and Environmental Sciences	1	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
Society for Industrial Microbiology and Biotechnology							

Medicine & Health and Microbiology (including Biomedical Engineering)	1	Ben	Taravella	John Curtis Christian	Cathy	Boucvalt	Bacterial Banishers
Society of American Military Engineers (SAME)							
Earth and Environmental Sciences	2	Madison	Verbest	John Curtis Christian	Cathy	Boucvalt	Slippery Slope
Environmental Engineering (Pollution, Recycling, Waste Management)	1	Claire	Swaim	Christian Brothers - Canal St	Thomas	Constant	Water You Doing in My House?
Environmental Engineering (Pollution, Recycling, Waste Management)	1	Kate	Wakefield	Christian Brothers - Canal St	Thomas	Constant	Water You Doing in My House?
Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch							
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	2	Steve	Volpi	Holy Cross School	Tara	Lavender	Does the truss bridge or bean bridge hold more weight?
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	2	Stephen	Treadaway	Holy Cross School	Tara	Lavender	Does the truss bridge or bean bridge hold more weight?
Engineering Mechanics (Mechanical, Civil and Transportation Engineering)	1	Aislynn	Adams	John Q. Adams Middle School	Charlene	Cavataio	Which Bridge Design Is the Strongest?
U.S. Department of Agriculture - Agricultural Research Service							
Plant Sciences	1	Michael	Sam-Pang	John Curtis Christian	Cathy	Boucvalt	Can CBD Isolate Combined with Electrical Stimulation Improve Germination and Growth?
U.S. Metric Association							
Medicine & Health and Microbiology (including Biomedical Engineering)	1	Beau	Brignac	Christian Brothers - City Park	Thomas	Constant	Does Gender Determine How Well You Wash Your Hands to Prevent Germ Spread?

Chemistry	Place	FirstName	LastName	School	TeacherFirst	TeacherLast	ProjectTitle
American Welding Society - New Orleans Section							
Chemistry	1	Gregory	Taravella	John Curtis Christian	Cathy	Boucvalt	Metal Corrosion Prevention
New Orleans Section of NACE International							
Chemistry	2	Gregory	Taravella	John Curtis Christian	Cathy	Boucvalt	Metal Corrosion Prevention
Chemistry	1	Ayla	Guderen	Kenner Discovery Health Sciences Academy	Kristin	Oliveri	Acid Precipitation Vs. Metals
Society of Petroleum Engineers (SPE), Inc. Delta Chapter							
Earth and Environmental Sciences	2	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic
Environmental Engineering (Pollution, Recycling, Waste Management)	1	Miley	Percle	John Curtis Christian	Kathy	Bush	Goo-Be-Gone: Cleaning Up Oil Spills.
Women for a Better Louisiana							
Earth and Environmental Sciences	1	Sayyidah	Muhammad	Lake Forest Elementary Charter School	Marla	Watts	Plastic affect on ocean/biodegradable plastic

Albert F.W. Habeeb M.D. Award

A \$50 award recognizing an outstanding project focused on the Health Sciences is provided by Patty Habeeb Muehlemann in memory of her father Albert F.W. Habeeb M.D.

Ben Taravella

John Curtis Christian

Dorothy Van Lue Habeeb Award	
In memory of Dorothy Van Lue Habeeb, founding member of the Greater New Orleans Science Fair, Inc., a \$50 award is presented to a Junior Division student for an outstanding project focused on the study of Chemistry or the use of Chemistry as a tool in scientific inquiry or engineering design.	
Gregory Taravella	John Curtis Christian

JUNIOR DIVISION**GNOSEF TEACHER/MENTOR AWARDS**

This award is presented to teachers who have gone the extra mile to support many students' successful competition in the Greater New Orleans Science and Engineering Fair. There were FOUR teachers that stood out to the panel of judges.

The four recipients will each receive \$250 ... the recipients (in alphabetical order) are:

Cathy Boucvalt	John Curtis Christian
Sharika Hagan	Lake Forest Elementary Charter School
Karen Marshall	International School of Louisiana - Camp
Marla Watts	Lake Forest Elementary Charter 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.

Joaquín Gómez	Benjamin Franklin High School
Kraig Oramous	
Alexander Walker	Patrick F. Taylor Science & Technology Academy
Grayson Barron	John Curtis Christian
Paeon Luby	Benjamin Franklin High School

The 2 teachers selected by the Grand Award Judging Panel to attend ISEF are:

Teresa Burchette	Benjamin Franklin High School
Amanda Godshaw	Patrick F. Taylor Science & Technology Academy

The teacher selected to attend ISEF as the adult in charge is:

Cathy Boucvalt	John Curtis Christian
----------------	-----------------------

SENIOR DIVISION CATEGORY AWARD WINNERS

Place	Category	FirstName	LastName	School	ProjectTitle	TeacherFirst	TeacherLast
1	Animal Sciences	Mikaiyla	George	Edna Karr High School	The Effect of Turbidity on the Predation of Cocahoe minnows (Phoxinus) on Caridean shrimps?	Sheila	Lumod
1	Behavioral and Social Sciences	Camille	Patton	Isidore Newman High School	The Effects of the Sharing Economy on Crime in New Orleans	David	Kern
1	Biochemistry, Cellular and Molecular Biology	Meghan	Howard	John Curtis Christian	Whitening Methods of Stain Removal	Cathy	Boucvalt
1	Biomedical, Health and Translational Medical Sciences	Kelsey	Lain	Benjamin Franklin High School	Opening Angles in the Mechanics of the Reproductive System	Cliff	Robinson
1	Chemistry	Garrett	McNamara	Isidore Newman High School	Strategies for Lead Abatement	David	Kern
1	Computational Biology, Bioinformatics, and Biomedical Engineering	Robert	Pizzolato Jr.	John Curtis Christian	A Helmet Study Partnering Energy Absorbing Viscoelastic Polymers & Kevlar Fibers in an Attempt to Reduce Impact Force and Trauma to the Human Brain.	Cathy	Boucvalt
1	Earth and Environmental Sciences	Isabella	Pita	John Curtis Christian	Heavy Metal Analysis of Soil from Residential and Moton School Areas built on the Agriculture Street Landfill.	Cathy	Boucvalt
1	Embedded Systems, Robotics and Intelligent Machines	Kevin	Qi	Isidore Newman High School	Chess with Thinking Pawns	David	Kern
1	Energy: Chemical	Alexander	Walker	Patrick F. Taylor Science & Technology Academy	Nutrient Manipulation in <i>C. moewusii</i> to Activate [Fe-Fe] Hydrogenase Reserves: A Continued Study in Increasing the Cost- Efficiency of Green Hydrogen Fuel Production	Amanda	Godshaw
1	Energy: Physical	Rachel	Pizzolato	John Curtis Christian	Exploring the Effect of Vortex Generators on Boundary Layer Separation and Laminar Flow in a Venturi & Determining the Potential Improvement on Efficiency of a Vortical Axis Wind Turbines (VAWT)	Cathy	Boucvalt
1	Engineering Mechanics	Grayson	Barron	John Curtis Christian	Simple problem.....Simple Solution	Cathy	Boucvalt

1	Environmental Engineering	Olivia	Pitt	Isidore Newman High School	Solar Thermoelectric Home-Cooling Device	David	Kern
1	Materials Science	Ari	Friend	Isidore Newman High School	Testing Shock Absorption in Running Shoes	Matthew	Jones
1	Mathematics and System Software	Paul Martin	Oramous	Benjamin Franklin High School	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System	Cliff	Robinson
1	Mathematics and System Software	Joaquín	Gómez	Benjamin Franklin High School	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System	Cliff	Robinson
1	Microbiology	Cole	Landry	John Curtis Christian	5-Second Rule	Cathy	Boucvalt
1	Physics and Astronomy	James	Ormond	John Curtis Christian	Neptune's Revenge: Boyle's Law and Atmospheric Pressure.	Cathy	Boucvalt
1	Plant Sciences	Colton	Kendrick	John Curtis Christian	Living in Outer Space: How Do Reduced Oxygen Levels Affect Primitive Plants (Bromeliads) and Simple Invertebrates?	Cathy	Boucvalt
1	Plant Sciences	Justin	Unger	John Curtis Christian	Living in Outer Space: How Do Reduced Oxygen Levels Affect Primitive Plants (Bromeliads) and Simple Invertebrates?	Cathy	Boucvalt
2	Animal Sciences	Tia	Blackstone	New Orleans Charter Math and Science High School	The effect of temperature on bat species	Samuel	Loftus
2	Animal Sciences	Tamera	Blackstone	New Orleans Charter Math and Science High School	The effect of temperature on bat species	Samuel	Loftus
2	Behavioral and Social Sciences	Paeon	Luby	Benjamin Franklin High School	The Attachment Theory and Emotional Development: A Twin Study	Cliff	Robinson
2	Biochemistry, Cellular and Molecular Biology	Madelynn	Massicot	John Curtis Christian	How Much Energy is Stored in Different Types of Food?	Cathy	Boucvalt
2	Biomedical, Health and Translational Medical Sciences	Brandon	Vo	Patrick F. Taylor Science & Technology Academy	How do running and sprinting compare in their effect on vertical jump height?	Amanda	Godshaw
2	Chemistry	Anya	Trumbach	Benjamin Franklin High School	Development of a Facile Procedure for the Preparation of Pyruvate Esters	Cliff	Robinson

2	Computational Biology, Bioinformatics, and Biomedical Engineering	Kylie	Simon	John Curtis Christian	Can an Artificial Pancreas Create the Same Functions as a Real-life Pancreas?	Cathy	Boucvalt
2	Earth and Environmental Sciences	Darbie	Tullier	John Curtis Christian	Will Location Affect the Amount of Particulate Pollution?	Cathy	Boucvalt
2	Embedded Systems, Robotics and Intelligent Machines	Preston	Guedry	John Curtis Christian	Cyber security: Can the Answers to Your Security Questions be Found on Your Social Media?	Cathy	Boucvalt
2	Energy: Chemical	Sydney	Parfait	John Curtis Christian	Testing Luminol Brightness in Crime Scene Investigations at Different Temperatures.	Cathy	Boucvalt
2	Energy: Physical	Cade	Windstein	John Curtis Christian	What is the Most Efficient Way to Build a Wind Turbine?	Cathy	Boucvalt
2	Engineering Mechanics	Christian	Craig	Patrick F. Taylor Science & Technology Academy	The Strength of Wood	Amanda	Godshaw
2	Environmental Engineering	Chris	Ngo	Patrick F. Taylor Science & Technology Academy	The Effects of Moringa Seed Powder as a Coagulant for Water Filtration	Amanda	Godshaw
2	Materials Science	Anne	Nguyen	Patrick F. Taylor Science & Technology Academy	The Dissolving Bag	Amanda	Godshaw
2	Mathematics and System Software	Collin	Guggenheim	John Curtis Christian	Will the Sum of 18 or Higher Occur More Often With 5 six-sided dice or 3 ten-sided Dice?	Cathy	Boucvalt
2	Microbiology	Glen	McKinney	New Orleans Charter Math and Science High School	Which shape preserves the best?	Sam	Loftus
2	Physics and Astronomy	Darrius	Harvey	New Orleans Charter Math and Science High School	Turbulent or Laminar Flow in Blood Vessels	Samuel	Loftus
2	Plant Sciences	Aniyh	Jefferson	New Orleans Charter Math and Science High School	Natural Ways to Kill Invasive Plant Species	Amy	Mallozzi
3	Animal Sciences	William	Castillo	Edna Karr High School	The Effect of Turbidity on the Growth of <i>Procambarus clarkii</i>	Sheila	Lumod
3	Behavioral and Social Sciences	Shante	Collins	New Orleans Charter Math and Science High School	Snail's Hard Knock Life	Amy	Mallozzi

3	Biomedical, Health and Translational Medical Sciences	Alicia	Johnson	New Orleans Charter Math and Science High School	Barometric Pressure Headaches at Sci High	Amy	Mallozzi
3	Chemistry	Jada	London	New Orleans Charter Math and Science High School	Formaldehyde Around School	Samuel	Loftus
3	Computational Biology, Bioinformatics, and Biomedical Engineering	Kartik	Joshi	Isidore Newman High School	Detecting Cancer Cells with Matlab	Rebecca	Cope
3	Earth and Environmental Sciences	Taaryon	Johnson	New Orleans Charter Math and Science High School	pH vs Air Pollution	Amy	Mallozzi
3	Embedded Systems, Robotics and Intelligent Machines	Milaya	Ruffin	John Curtis Christian	Bringing technology to the basketball court	Cathy	Boucvalt
3	Energy: Chemical	Fernandos	Magee	Patrick F. Taylor Science & Technology Academy	A More Ethyl-cal Fuel Source: The Power of Ethanol Energy	Amanda	Godshaw
3	Energy: Physical	Zachary	Fuller	Holy Cross School	T.G.I. Faraday: Intentional Interference	Katherine	Schilling
3	Environmental Engineering	Emily	Kraus	Patrick F. Taylor Science & Technology Academy	To what extent is microplastic pollution present in Louisiana's waterways, and is it possible to successfully stop the pollution at its source-- the washing machine?	Rebekah	Kraus
3	Materials Science	Madalin	Fortmayer	John Curtis Christian	How do the Different "Baths" Affect Stainless Steel Cylinders (plain, perforated & welded coupons) in an Industrial Setting Using Bleach, Soap, Water, & Fabric Softener?	Cathy	Boucvalt
3	Mathematics and System Software	Austin	McCready	John Curtis Christian	Does Baseball Field Altitude Affect Batting Statistics?	Cathy	Boucvalt
3	Microbiology	Willow	Nelson	John Curtis Christian	Yeast Fermentation	Anthony	Simmons
3	Physics and Astronomy	Madison	Valenti	John Curtis Christian	How Does the Thickness of Wire Affect the Magnetism and How Long Does it Take Before the Transformer Overheats?	Cathy	Boucvalt

3	Plant Sciences	Becky	Nguyen	Edna Karr High School	How does acid rain affect the growth rate of marigold plants?	Sheila	Lumod
4	Animal Sciences	Amber	Nguyen	New Orleans Charter Math and Science High School	Effect of Magnetic Fields on Regeneration of Memory in Planaria	Sam	Loftus
4	Behavioral and Social Sciences	Madison	Graf	John Curtis Christian	Is Memory Recall Affected by the Use of Congruent (normal) vs. Incongruent Colors?	Cathy	Boucvalt
4	Behavioral and Social Sciences	Nina	Luong	Patrick F. Taylor Science & Technology Academy	To what degree can music affect a person's energy level and cardiovascular activity through heart rate?	Amanda	Godshaw
4	Biomedical, Health and Translational Medical Sciences	Clydia	Colston-Dean	New Orleans Charter Math and Science High School	The Effect of Smell on Memory	Amy	Mallozzi
4	Chemistry	Jolie	Matherne	John Curtis Christian	How Does Polarity Affect Chromatography?	Cathy	Boucvalt
4	Chemistry	Remi	Hebert	John Curtis Christian	Which Detergent Removes Stains Better? Liquid or Powder?	Cathy	Boucvalt
4	Computational Biology, Bioinformatics, and Biomedical Engineering	A'Lyric	Thomas	New Orleans Charter Math and Science High School	The Effect of Age on Perception of Skin Tone: an IAT analysis	Kevin	Deehan
4	Earth and Environmental Sciences	Gary	Oriana	Edna Karr High School	How does water quality differ between north and south shore of Lake Pontchartrain (dissolved oxygen, salinity, temperature)?	Sheila	Lumod
4	Earth and Environmental Sciences	Baouyen	Nguyen	New Orleans Charter Math and Science High School	Microplastics	Samuel	Loftus
4	Earth and Environmental Sciences	Johnny	Adair	New Orleans Charter Math and Science High School	Microplastics	Samuel	Loftus
4	Energy: Chemical	Collin	Lewis	John Curtis Christian	Which Battery Brand Will Last the Longest?	Cathy	Boucvalt
4	Energy: Chemical	Ryan	Adkins	John Curtis Christian	Is Recycled Cooking Oil a Better Fuel Alternative?	Cathy	Boucvalt
4	Energy: Physical	Reggie	Bergeron	John Curtis Christian	How Does a Different Surface Affect the Dribbling of a Basketball?	Cathy	Boucvalt

4	Energy: Physical	Austin	McDonnell	Patrick F. Taylor Science & Technology Academy	Three Green Machines: Affordable Green Energy	Amanda	Godshaw
4	Environmental Engineering	Jordan	Washington	Edna Karr High School	Investigation of Sedimentary Dredge Affecting the Accumulation of River Sand Being Deposited in Different Temperatures	Sheila	Lumod
4	Materials Science	Ryan	Burns	John Curtis Christian	Does Adding NaHCO ₃ to Latex Paint Make it More Fire Resistant?	Cathy	Boucvalt
4	Materials Science	Benjamin	Royer	New Orleans Charter Math and Science High School	The Bass Reducers	Amy	Mallozzi
4	Materials Science	Chase	Perkins	Patrick F. Taylor Science & Technology Academy	Using Plastic Concrete in the Construction of Houses	Amanda	Godshaw
4	Mathematics and System Software	Khree	Poole	New Orleans Charter Math and Science High School	The Effect of Hurricanes on Louisiana Travel	Kevin	Deehan
4	Mathematics and System Software	Christopher	Murphy	New Orleans Charter Math and Science High School	PanCalc	Samuel	Loftus
4	Microbiology	Tianna	Antoine	New Orleans Charter Math and Science High School	Determining the UV Protective Value of Different Fabrics	Sam	Loftus
4	Physics and Astronomy	Tyler	Dunn	John Curtis Christian	Photometric Abstraction of Certain Astronomical Bodies and Differentiating Between Each	Cathy	Boucvalt
4	Plant Sciences	Shelby	Antill	Patrick F. Taylor Science & Technology Academy	Organic vs Chemical Pesticide Effects on the Development and Quality of Peas in Louisiana	Amanda	Godshaw
4	Plant Sciences	Octavia	Marcelin	Edna Karr High School	The Effect of Salinity on the Growth of Salvinia	Sheila	Lumod

SENIOR DIVISION SPECIAL AWARDS

Category	Place	FirstName	LastName	School	Teacher First	TeacherLast	ProjectTitle
American Chemical Society Louisiana Local Section							
Chemistry	1	Garrett	McNamara	Isidore Newman High School	David	Kern	Strategies for Lead Abatement
Chemistry	1	Anya	Trumbach	Benjamin Franklin High School	Cliff	Robinson	Development of a Facile Procedure for the Preparation of Pyruvate Esters
American Institute of Aeronautics and Astronautics (AIAA) Greater New Orleans Section							
Energy: Chemical	HM	Fernandos	Magee	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	A More Ethyl-cal Fuel Source: The Power of Ethanol Energy
Energy: Chemical	2	Alexander	Walker	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Nutrient Manipulation in <i>C. moewusii</i> to Activate [Fe-Fe] Hydrogenase Reserves: A Continued Study in Increasing the Cost-Efficiency of Green Hydrogen Fuel Production
Energy: Physical	1	Rachel	Pizzolato	John Curtis Christian	Cathy	Boucvalt	Exploring the Effect of Vortex Generators on Boundary Layer Separation and Laminar Flow in a Venturi & Determining the Potential Improvement on Efficiency of a Vortical Axis Wind Turbines (VAWT)
American Institute of Chemical Engineers - New Orleans Section							
Mathematics and System Software	1	Joaquín	Gómez	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Mathematics and System Software	1	Kraig	Oramous	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
American Meteorological Society (AMS)							
Environmental Engineering	1	Colby	Brown	Holy Cross School	Katherine	Schilling	Testing Atmospheric Electricity Under Various Weather Conditions
Chemistry	1	Tobias	Fabregas	Holy Cross School	David	Westfall	The Effect of Carbon Dioxide Absorption on the pH of Different Waters

Chemistry	1	Robert	Spampneto	Holy Cross School	David	Westfall	The Effect of Carbon Dioxide Absorption on the pH of Different Waters
American Psychological Association							
Behavioral and Social Sciences	1	Camille	Patton	Isidore Newman High School	David	Kern	The Effects of the Sharing Economy on Crime in New Orleans
American Society of Naval Engineers (ASNE) - Central Gulf Coast Section							
Mathematics and System Software	2	Collin	Guggenheim	John Curtis Christian	Cathy	Boucvalt	Will the Sum of 18 or Higher Occur More Often With 5 six-sided dice or 3 ten-sided Dice?
Mathematics and System Software	1	Kraig	Oramous	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Mathematics and System Software	1	Joaquín	Gómez	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Association for Women Geoscientists Foundation							
Energy: Physical	1	Rachel	Pizzolato	John Curtis Christian	Cathy	Boucvalt	Exploring the Effect of Vortex Generators on Boundary Layer Separation and Laminar Flow in a Venturi & Determining the Potential Improvement on Efficiency of a Vortical Axis Wind Turbines (VAWT)
Biophysics Award							
Embedded Systems, Robotics and Intelligent Machines	1	Milaya	Ruffin	John Curtis Christian	Cathy	Boucvalt	Bringing technology to the basketball court
Core Element							
Behavioral and Social Sciences	1	Chloe	Incaprera	Isidore Newman High School	Matthew	Jones	Multitasking and Problem Solving
GENIUS (Global Environmental Issues) Olympiad							
Earth and Environmental Sciences	1	Isabella	Pita	John Curtis Christian	Cathy	Boucvalt	Heavy Metal Analysis of Soil from Residential and Moton School Areas built on the Agriculture Street Landfill.

IEEE New Orleans

Energy: Physical	1	Austin	McDonnell	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Three Green Machines: Affordable Green Energy
Intel Excellence in Computer Science							
Mathematics and System Software	1	Kraig	Oramous	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Mathematics and System Software	1	Joaquín	Gómez	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Joyce Bagnetto-Matthews Memorial Award							
Biomedical, Health and Translational Medical Sciences	1	Clydia	Colston-Dean	New Orleans Charter Math and Science High School	Amy	Mallozzi	The Effect of Smell on Memory
Energy: Physical	2	Austin	McDonnell	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Three Green Machines: Affordable Green Energy
Energy: Physical	1	Rachel	Pizzolato	John Curtis Christian	Cathy	Boucvalt	Exploring the Effect of Vortex Generators on Boundary Layer Separation and Laminar Flow in a Venturi & Determining the Potential Improvement on Efficiency of a Vortical Axis Wind Turbines (VAWT)
MENSA - (The High IQ Society), N.O. Chapter							
Earth and Environmental Sciences	2	Isabella	Pita	John Curtis Christian	Cathy	Boucvalt	Heavy Metal Analysis of Soil from Residential and Moton School Areas built on the Agriculture Street Landfill.
Environmental Engineering	1	Zachary	LaBarre	John Curtis Christian	Cathy	Boucvalt	Mardi gras Beads - Fill Potholes.... Not Landfills
Mu Alpha Theta							
Mathematics and System Software	1	Collin	Guggenheim	John Curtis Christian	Cathy	Boucvalt	Will the Sum of 18 or Higher Occur More Often With 5 six-sided dice or 3 ten-sided Dice?
Mathematics and System Software	1	Austin	McCready	John Curtis Christian	Cathy	Boucvalt	Does Baseball Field Altitude Affect Batting Statistics?

NASA EARTH System Science Award							
Physics and Astronomy	1	Kenya	Miles	New Orleans Charter Math and Science High School	Amy	Mallozzi	A New Beginning
National Oceanic and Atmospheric Administration (NOAA)							
Environmental Engineering	1	Colby	Brown	Holy Cross School	Katherine	Schilling	Testing Atmospheric Electricity Under Various Weather Conditions
New Orleans Geological Society							
Environmental Engineering	3	Jordan	Washington	Edna Karr High School	Sheila	Lumod	Investigation of Sedimentary Dredge Affecting the Accumulation of River Sand Being Deposited in Different Temperatures
Physics and Astronomy	2	Tyler	Dunn	John Curtis Christian	Cathy	Boucvalt	Photometric Abstraction of Certain Astronomical Bodies and Differentiating Between Each
Earth and Environmental Sciences	1	Isabella	Pita	John Curtis Christian	Cathy	Boucvalt	Heavy Metal Analysis of Soil from Residential and Moton School Areas built on the Agriculture Street Landfill.
Office of Naval Research (U.S. Navy/ U.S. Marine Corps)							
Environmental Engineering	1	Anthony	Nguyen	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Exploring Eco-Friendly and Cost-Efficient Methods of Cleaning Oil Spills
Materials Science	1	Madalin	Fortmayer	John Curtis Christian	Cathy	Boucvalt	How do the Different "Baths" Affect Stainless Steel Cylinders (plain, perforated & welded coupons) in an Industrial Setting Using Bleach, Soap, Water, & Fabric Softener?
Physics and Astronomy	1	Madison	Valenti	John Curtis Christian	Cathy	Boucvalt	How Does the Thickness of Wire Affect the Magnetism and How Long Does it Take Before the Transformer Overheats?
Pontchartrain Astronomy Society							
Physics and Astronomy	1	Tyler	Dunn	John Curtis Christian	Cathy	Boucvalt	Photometric Abstraction of Certain Astronomical Bodies and Differentiating Between Each

Regeneron Science Talent Search

Biomedical, Health and Translational Medical Sciences	1	Kelsey	Lain	Benjamin Franklin High School	Cliff	Robinson	Opening Angles in the Mechanics of the Reproductive System
Biomedical, Health and Translational Medical Sciences	1	Alicia	Johnson	New Orleans Charter Math and Science High School	Amy	Mallozzi	Barometric Pressure Headaches at Sci High
Biochemistry, Cellular and Molecular Biology	1	Meghan	Howard	John Curtis Christian	Cathy	Boucvalt	Whitening Methods of Stain Removal
Animal Sciences	1	Mikaiyla	George	Edna Karr High School	Sheila	Lumod	The Effect of Turbidity on the Predation of Cocahoe minnows (Phoxinus) on Caridean shrimps?
Plant Sciences	1	Becky	Nguyen	Edna Karr High School	Sheila	Lumod	How does acid rain affect the growth rate of marigold plants?
Embedded Systems, Robotics and Intelligent Machines	1	Preston	Guedry	John Curtis Christian	Cathy	Boucvalt	Cyber security: Can the Answers to Your Security Questions be Found on Your Social Media?
Energy: Chemical	1	Alexander	Walker	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Nutrient Manipulation in <i>C. moewusii</i> to Activate [Fe-Fe] Hydrogenase Reserves: A Continued Study in Increasing the Cost- Efficiency of Green Hydrogen Fuel Production
Earth and Environmental Sciences	1	Taaryon	Johnson	New Orleans Charter Math and Science High School	Amy	Mallozzi	pH vs Air Pollution
Plant Sciences	1	Aniyh	Jefferson	New Orleans Charter Math and Science High School	Amy	Mallozzi	Natural Ways to Kill Invasive Plant Species
Embedded Systems, Robotics and Intelligent Machines	1	Kevin	Qi	Isidore Newman High School	David	Kern	Chess with Thinking Pawns
Chemistry	1	Garrett	McNamara	Isidore Newman High School	David	Kern	Strategies for Lead Abatement
Behaviorial and Social Sciences	1	Camille	Patton	Isidore Newman High School	David	Kern	The Effects of the Sharing Economy on Crime in New Orleans

Ricoh Americas Corporation

Environmental Engineering	1	Emily	Kraus	Patrick F. Taylor Science & Technology Academy	Rebekah	Kraus	To what extent is microplastic pollution present in Louisiana's waterways, and is it possible to successfully stop the pollution at its source-- the washing machine?
Society for Industrial Microbiology and Biotechnology							
Energy: Chemical	1	Alexander	Walker	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Nutrient Manipulation in <i>C. moewusii</i> to Activate [Fe-Fe] Hydrogenase Reserves: A Continued Study in Increasing the Cost- Efficiency of Green Hydrogen Fuel Production
Earth and Environmental Sciences	2	Cameron	Andrews	Isidore Newman High School	Rebecca	Cope	Assessing Soils for Flood Control Capacity in New Orleans
Environmental Engineering	1	Anthony	Nguyen	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Exploring Eco-Friendly and Cost-Efficient Methods of Cleaning Oil Spills
Stockholm Junior Water Prize							
Earth and Environmental Sciences	1	Sydnei	Dixon	Edna Karr High School	Sheila	Lumod	The Effect of Moving Water on Dissolved Oxygen
Earth and Environmental Sciences	1	Jayla	Harris	Edna Karr High School	Sheila	Lumod	How does temperature affect dissolved oxygen in water?
Earth and Environmental Sciences	1	Cameron	Andrews	Isidore Newman High School	Rebecca	Cope	Assessing Soils for Flood Control Capacity in New Orleans
Environmental Engineering	1	Chris	Ngo	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	The Effects of Moringa Seed Powder as a Coagulant for Water Filtration
Environmental Engineering	1	Jordan	Washington	Edna Karr High School	Sheila	Lumod	Investigation of Sedimentary Dredge Affecting the Accumulation of River Sand Being Deposited in Different Temperatures
Chemistry	1	Jolie	Matherne	John Curtis Christian	Cathy	Boucvalt	How Does Polarity Affect Chromatography?

Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch							
Engineering Mechanics	2	Jamie	Wingerter	John Curtis Christian	Cathy	Boucvalt	Which Geodesic Dome is the Strongest?
Materials Science	1	Chase	Perkins	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Using Plastic Concrete in the Construction of Houses
U.S. Air Force							
Energy: Chemical	1	Alexander	Walker	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	Nutrient Manipulation in <i>C. moewusii</i> to Activate [Fe-Fe] Hydrogenase Reserves: A Continued Study in Increasing the Cost- Efficiency of Green Hydrogen Fuel Production
Mathematics and System Software	1	Kraig	Oramous	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Mathematics and System Software	1	Joaquín	Gómez	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Engineering Mechanics	1	Grayson	Barron	John Curtis Christian	Cathy	Boucvalt	Simple problem.....Simple Solution
U.S. Department of Agriculture - Agricultural Research Service							
Plant Sciences	1	Gretchen	Schultz	John Curtis Christian	Cathy	Boucvalt	Acid Rain: How does Soil pH Affect Seed Germination and Plant Growth of Mustard Greens?.
U.S. Metric Association							
Physics and Astronomy	1	Tyler	Dunn	John Curtis Christian	Cathy	Boucvalt	Photometric Abstraction of Certain Astronomical Bodies and Differentiating Between Each
Yale Science & Engineering Association, Inc.							
Environmental Engineering	1	Emily	Kraus	Patrick F. Taylor Science & Technology Academy	Rebekah	Kraus	To what extent is microplastic pollution present in Louisiana's waterways, and is it possible to successfully stop the pollution at its source-- the washing machine?
Energy: Physical	1	Cade	Windstein	John Curtis Christian	Cathy	Boucvalt	What is the Most Efficient Way to Build a Wind Turbine?

Biomedical, Health and Translational Medical Sciences	1	Kelsey	Lain	Benjamin Franklin High School	Cliff	Robinson	Opening Angles in the Mechanics of the Reproductive System
Materials Science	2	Anne	Nguyen	Patrick F. Taylor Science & Technology Academy	Amanda	Godshaw	The Dissolving Bag
Environmental Engineering	1	Zachary	LaBarre	John Curtis Christian	Cathy	Boucvalt	Mardi gras Beads - Fill Potholes.... Not Landfills
Chemistry	1	Garrett	McNamara	Isidore Newman High School	David	Kern	Strategies for Lead Abatement
Behaviorial and Social Sciences	1	Camille	Patton	Isidore Newman High School	David	Kern	The Effects of the Sharing Economy on Crime in New Orleans
Mathematics and System Software	2	Kraig	Oramous	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Mathematics and System Software	2	Joaquín	Gómez	Benjamin Franklin High School	Cliff	Robinson	Implementation of Basic Machine Learning and Iterative Algorithms into a Self-Tuning PID System
Embedded Systems, Robotics and Intelligent Machines	1	Kevin	Qi	Isidore Newman High School	David	Kern	Chess with Thinking Pawns
Environmental Engineering	1	Emily	Kraus	Patrick F. Taylor Science & Technology Academy	Rebekah	Kraus	To what extent is microplastic pollution present in Louisiana's waterways, and is it possible to successfully stop the pollution at its source-- the washing machine?
Earth and Environmental Sciences	2	Isabella	Pita	John Curtis Christian	Cathy	Boucvalt	Heavy Metal Analysis of Soil from Residential and Moton School Areas built on the Agriculture Street Landfill.
Environmental Engineering	1	Olivia	Pitt	Isidore Newman High School	David	Kern	Solar Thermoelectric Home-Cooling Device

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

In partnership with the New Orleans Section of NACE International, the American Society for Materials International Foundation will recognize the most outstanding 10th or 11th Grade High School 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 14-19, 2019. 2nd place winner is recognized and is an alternate should the first place winner not be able to attend the materials camp.

2nd	Anne Nguyen	Patrick F. Taylor Science & Technology Academy
1st	Zachary LaBarre	John Curtis Christian

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

Holy Cross School

Isidore Newman High School

John Curtis Christian

New Orleans Charter Math and Science High School

Patrick F. Taylor Science & Technology Academy

Albert F.W. Habeeb M.D. Scholarship

A \$1,000 college scholarship recognizes an outstanding project focused on the Health Sciences. It is provided by Patty Habeeb Muehleemann in memory of her father Albert F.W. Habeeb M.D. The scholarship is presented upon receipt of an acceptance letter into a college of their choice.

Kelsey Lain

Benjamin Franklin High School

Dorothy Van Lue Habeeb Award

A \$1,000 college scholarship recognizes an outstanding project focused on the study of Chemistry or the use of Chemistry as a tool in scientific inquiry or engineering design. It is provided by Patty Habeeb Muehlemann in memory of Dorothy Van Lue Habeeb, founding member of the Greater New Orleans Science Fair, Inc., The scholarship is presented upon receipt of an acceptance letter into a college of their choice.

Garrett McNamara

Isidore Newman High School

The "Aspiring Researcher" Scholarship presented by the Emmy Noether Awards

A \$2,500 undergraduate scholarship is awarded to a female high school student that demonstrates passion and promise for scientific research. Funding is provided by the Joe W. and Dorothy Dorsett Brown Foundation. The scholarship is presented upon receipt of an acceptance letter into a college of their choice.

Emily Kraus

Patrick F. Taylor Science & Technology Academy

Entergy Corporation "Powering the Future" Scholarship Award

\$1,000 scholarship to be awarded to a female, high school senior with an outstanding, promising project, upon presentation of their acceptance letter into a college or university

Camille Patton

Isidore Newman High School

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 \$1700 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

Isabella Pita

John Curtis Christian

1st

Olivia Pitt

Isidore Newman 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. A team project was selected, so each of the 3 members will be presented with a \$1,000 college scholarship upon presentation of an acceptance letter into a college of their choice. This year, Mr. Sanderford has also selected a runner-up, who will be presented with a \$500 college scholarship.

2nd	Joaquín Gómez	Benjamin Franklin High School
	Kraig Oramous	
1st	Kevin Qi	Isidore Newman High School

James de la Housaye 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. A runner-up is presented with a \$2,000 cash award.

Runner-Up		
Winner	Amanda Godshaw	Patrick F. Taylor Science & Technology Academy