

### 2020 GNOSEF Senior Division Winners

Place	Category	FirstName	LastName	School	ProjectTitle
1	Animal Sciences	Tia	Blackstone	Sci High	Anthropogenic Disturbance VS. Natural Disturbance Effects on an Important Bioindicator Species
1	Animal Sciences	Tamera	Blackstone	Sci High	Anthropogenic Disturbance VS. Natural Disturbance Effects on an Important Bioindicator Species
2	Animal Sciences	Remi	Hebert	John Curtis Christian	Will Transcutaneous Electrical Nerve Stimulation Help Improve Regeneration Rates in Planarian?
3	Animal Sciences	Nithya	Ramcharan	Isidore Newman School	Wax Worms as a Solution to the Global Plastic Crisis
3	Animal Sciences	Javon	Ruffin	Isidore Newman School	Competition or Competitive Exclusion in Brown and Green Anoles
1	Behaviorial and Social Sciences	Paeon	Luby	Benjamin Franklin High School	Individuation and Empathy: A Mixed Methods Study of Twin Adolescents
2	Behaviorial and Social Sciences	Ricki	Pierce	Patrick F. Taylor Science & Technology Academy	Effect of Aromatherapy on Basic Academic and Manual Skills
3	Behaviorial and Social Sciences	Sanjana	Subramaniam	Isidore Newman School	Are We Leaping Forward without Looking? Evidence from Traffic Violations in New Orleans around Daylight Saving Time Transitions
1	Biochemistry, Cellular and Molecular Biology	Reggie	Bergeron	John Curtis Christian	What is the Best Way to Remove Coffee Stains From Teeth?
2	Biochemistry, Cellular and Molecular Biology	Jourdan	Stipe	John Curtis Christian	Ascorbic Acid: Fruits vs. Vegetables
1	Biomedical, Health and Translational Medical	Rachel	Pizzolato	John Curtis Christian	Helmet Specific Position Technology to Reduce CTE/Brain Injury.
2	Biomedical, Health and Translational Medical	Kaitlyn	Perkins	Sci High	Evaluation of Exosomal Influence on KiSS1 Protein Expression in MDA-MB-231 TNBC cells
3	Biomedical, Health and Translational Medical	Zoe	Curtis	John Curtis Christian	Are "Organic" Vegetables Really Organic?
3	Biomedical, Health and Translational Medical	Michael	Curtis	John Curtis Christian	Are "Organic" Vegetables Really Organic?
1	Chemistry	Allison	Lopez	John Curtis Christian	Color Conundrum

2	Chemistry	Sophie	Daly	Isidore Newman School	Analysis of Tap Water in New Orleans
3	Chemistry	Danielle	Taix	John Curtis Christian	Does the pH of Water Affect Ink Separation in Water-based Black Markers?
1	Computational Biology, Bioinformatics, and	Jaudai	Vappie	Sci High	The Vappie Produce Index
2	Computational Biology, Bioinformatics, and	Mahalia	Flint	Sci High	BLAST into the Future
3	Computational Biology, Bioinformatics, and	Kamri	Johnson	Sci High	The effect of Socioeconomic status on black maternal death rate
1	Earth and Environmental	Ronan	Moran	Sci High	The Effect of Artificial Light on Bat Foraging Habits
1	Earth and Environmental	Tianna	Antoine	Sci High	The Effect of Artificial Light on Bat Foraging Habits
2	Earth and Environmental	David	Luongo	Isidore Newman School	Particulate Matter Pollution at RTA Bus Stops
3	Earth and Environmental Sciences	Justin	Unger	John Curtis Christian	At What Rate Will Biodegradable Plastics Decompose in Compost Mixture When Compared to a Landfill Environment?
3	Earth and Environmental Sciences	Colton	Kendrick	John Curtis Christian	At What Rate Will Biodegradable Plastics Decompose in Compost Mixture When Compared to a Landfill Environment?
1	Embedded Systems, Robotics and Intelligent	Dylan	Bracey	Jesuit High School	The Car Temperature Safety System
1	Embedded Systems, Robotics and Intelligent	Brett	Steele	Jesuit High School	The Car Temperature Safety System
2	Embedded Systems, Robotics and Intelligent	Mekhi	Fulwiley	Sci High	Exo-Cep
3	Embedded Systems, Robotics and Intelligent	Zachary	diBenedetto	John Curtis Christian	How Strong is Your Password?
1	Energy: Chemical	John Walter	Whiticar	Edna Karr High School	The Effect of Different Solutions on the Mass of Rubber
1	Energy: Physical	Jeremiah	Hodge	John Curtis Christian	Does UV Index Affect Solar Car Velocity?
2	Energy: Chemical	Gabe	Falgoust	Holy Cross School	Battles of the Batteries
2	Energy: Physical	Louis	Veillion	Holy Cross School	Color's effect on the transfer of energy

3	Energy: Physical	Cade	Windstein	John Curtis Christian	What is the Best Way to Build a Vertical Wind Turbine?
1	Engineering Mechanics	Grayson	Barron	John Curtis Christian	Built to Last, Built to Serve, Built to Protect!
2	Engineering Mechanics	Alex	Giacona	Holy Cross School	Cluster Buster: What 3D printed shape cluster is best at resisting compression forces?
3	Engineering Mechanics	Vincent	Bourgeois	Holy Cross School	What's the Best Bang for your Buck? A comparison of shotgun shell brands
1	Environmental Engineering	Ashlynn	Barrett	John Curtis Christian	Can Morning Glory Ornamentals be Used for Phytoremediation of Lead?
1	Environmental Engineering	Darbie	Tullier	John Curtis Christian	Can Morning Glory Ornamentals be Used for Phytoremediation of Lead?
2	Environmental Engineering	Jeysi	Guillen	Sci High	Bioluminescent detector
2	Environmental Engineering	Omari	Timmerman	Sci High	Bioluminescent detector
3	Environmental Engineering	Semaj	Willis	Sci High	Using Okra as Water Treatment Coagulant
1	Materials Science	Crystal	Lockett	Benjamin Franklin High School	Creating Edible Biodegradable Plastics and Paper Replacements
2	Materials Science	Leyton	Gould	Holy Cross School	A Sticky Situation: testing wood glue brands
3	Materials Science	Kipori	Woods	Sci High	Natural Compounds to Decrease Healing Time in Planaria
1	Mathematics and System	Collin	Guggenheim	John Curtis Christian	Which Monopoly Property Space is the Most Profitable
2	Mathematics and System	Danielle	McCartney	John Curtis Christian	Does Birth Month Affect MLB Batting Averages?
2	Mathematics and System	Megan	McCartney	John Curtis Christian	Does Birth Month Affect MLB Batting Averages?
2	Mathematics and System	Briana	Dalton	Sci High	When it Rains it Pours
1	Microbiology	Ari	Friend	Isidore Newman School	Analysis of Hand Sanitizers in Reducing Bacterial Growth
1	Microbiology	Ben	Patron	Isidore Newman School	Analysis of Hand Sanitizers in Reducing Bacterial Growth
2	Microbiology	Adelaide	Jackson	Isidore Newman School	Analysis of All-Natural Anti-Fungal Creams
3	Microbiology	Ian	Doody	Holy Cross School	Keep your strawberries mold free.

1	Physics and Astronomy	Michael	Zengel	Benjamin Franklin High School	Variance of the Angle of Incidence in the Double Slit Experiment
2	Physics and Astronomy	Madelynn	Massicot	John Curtis Christian	Analysis Between Handheld vs. Homemade Spectrophotometer.
3	Physics and Astronomy	Destiny	Harbor	Sci High	The Effect of Moon Phase on Bat Activity
1	Plant Sciences	Michael	Sam-Pang	John Curtis Christian	Can Electrical Stimulation & Hydroponics Increase Plant Growth?
2	Plant Sciences	Darby	Lefort	John Curtis Christian	Creating a Facility for Farming on the Planet Mars - Can Plats Thrive in a Reduced Oxygen Environment?
3	Plant Sciences	Marcheyla	Willis	Edna Karr High School	The Effect of Hybrid Breeding on Clementines
3	Plant Sciences	Jolie	Matherne	John Curtis Christian	How Do Different Colors of Light Affect Growth & Chlorophyll in Dwarf Grey Sugar Pea Plants