

2020 State Science and Engineering Fair (Senior Division)

Category Winners: (HM = Honourable)

1	3 rd	animal sciences	Nithya Ramcharan	Isidore Newman School
2	4 th	animal sciences	Remi L. Hebert	John Curtis Christian
3	HM	animal sciences	Tia Blackstone	New Orleans Charter Science and Math High School
4			Tamera Blackstone	
5	HM	biochemistry	Jourdan M. Stipe	John Curtis Christian
6	2 nd	behavioral and social sciences	Paean Luby	Benjamin Franklin High School
7	3 rd	biomedical and health sciences	Kaitlyn Perkins	New Orleans Charter Science and Math High School
8	HM	biomedical and health sciences	Rachel Pizzolato	John Curtis Christian
9	4 th	computational biology and bioinformatics	Jaudai Vappie	New Orleans Charter Science and Math High School
10	1 st	earth and environmental sciences	David Luongo	Isidore Newman School
11	3 rd	earth and environmental sciences	Justin Unger	John Curtis Christian
12			Colton Kendrick	
13	4 th	earth and environmental sciences	Tianna Antoine	New Orleans Charter Science and Math High School
14			Ronan Moran	
15	3 rd	embedded systems	Dylan Bracey	Jesuit High School
16			Brett Steele	
17	3 rd	environmental engineering	Darbie r. Tullier	John Curtis Christian
18			Ashlynn Barrett	
19	HM	environmental engineering	Crystal M. Lockett	Benjamin Franklin High School
20	HM	engineering mechanics	Alex J. Giacona	Holy Cross School
21	HM	energy: physical	Louis R. Veillion	Holy Cross School
22	4 th	physics and astronomy	Michael R. Zengel	Benjamin Franklin High School

23	HM	physics and astronomy	Madelynn Y. Massicot	John Curtis Christian
24	2 nd	plant sciences	Michael J. Sam-Pang	John Curtis Christian

2020 State Science and Engineering Fair (Junior Division)

Category Winners: (HM = Honourable Mention)

1	3 rd	animal sciences	Golden G. Richard	International School of Louisiana
2	1 st	cellular and molecular biology	Raymond J. Duplessis	Lake Forest Elementary Charter School
3	3 rd	cellular and molecular biology	Angele S. Rainey	International School of Louisiana
4	HM	earth and environmental sciences	Isaiah D. Tyson	Lake Forest Elementary Charter School
5	3 rd	engineering mechanics	Spencer J. Newton	Kenner Discovery Health Sciences Academy
6	2 nd	mathematics	Megan E. McCartney	John Curtis Christian
7			Danielle McCartney	
Special Award Winner				
1		Broadcom MASTERS nominees	Raymond J. Duplessis	Lake Forest Elementary Charter School

"Are Wax Worms the Solution to Plastic Pollution?"
"Will Transcutaneous Electrical Nerve Stimulation Help Improve Regeneration Rates In Dugesia? "
"Anthropogenic Disturbance VS. Natural Disturbance Effects on an Important Bioindicator Species"
"Ascorbic Acid: Fruits vs. Vegetables"
"Individuation and Empathy: A Mixed Methods Study of Twin Adolescents"
"Evaluation of Exosomal Influence on Proliferation, Migration and Invasion in MDA-MB-231 TNBC Cells"
"An Exploration Into The Effects Of Incorporating Biomimicry into Position Specific Helmet Technology And The Potential to Reduce, Or Possibly Eliminate, Chronic Traumatic Encephalopathy (CTE)"
"The Vappie Produce Index"
"Particulate Matter Pollution at RTA Bus Stops"
"At What Rate will Biodegradable Plastics Decompose in a Compost Mixture Compared to a Landfill Environment?"
"The Effect of Artificial Light on Bat Foraging Habits"
"The Car Temperature Safety System (The CTS System)"
"Can Morning Glory Ornamentals be Used for Phytoremediation of Lead?"
"Creating Edible and Biodegradable Plastic and Paper Replacements"
"Cluster Buster: Comparison of Compression of 3D-printed shapes"
"Color`s Effect on the Transfer of Energy"
"Variance of the Angle of Incidence in the Double Slit Experiment"

"Analysis Between Handheld vs. Homemade Spectrophotometer"
"CAN ELECTRICAL STIMULATION & HYDROPONICS INCREASE PLANT GROWTH ?"

"Sugar Powered Ants?!?!"
"Death Rays: How UV-Light Affects Bacterial Cell Death "
"Mouthwash Vs Bacteria"
"The Science of Cleaning"
"The Better Way to Stop Erosion"
"Does Birth Month Affect MLB Batting Average?"