Northeast Florida

Junior	Animal Scien	ces	
Liam H Hughes	3	Kirby Smith Middle School	Ms. Melanie Boyer
J0114	Effects of Noise	Pollution on Hatching Rate of Brine Shrimp	0
Honorabl	e Mention		
Joel Valan		Darnell Cookman Middle/High School of Medical Arts	Ms. Madge Nanney
J0115	Preventing Zika: Mosquito Larvae	The Effect of the pH of Water on the Grow	th and Survivability of
Third Place	ce		
Junior	Biomedical &	Health Sciences	
Izabelle J Your	ng	San Jose Catholic School	Mr. Patrick Madigan
J0315	Solving the Biolo	oad of Xerostomia	
Second F	Place		
Junior	Cellular/Mole	cular Biology & Biochemistry	
Grace M Frazie		San Jose Catholic School	Mr. Patrick Madigan
J0407	Do Different Typ Gluten?	es of Kitchen Knives Affect the Amount of	
Recogniti	ion		
Junior	Chemistry		
Megan S Erne		San Jose Catholic School	Mr. Patrick Madigan
J0514	The UV and Sun	screen Battle	
Fourth Pl	ace		
Junior	Earth & Envir	onmental Sciences	
Andrew J Hork	an	San Jose Catholic School	Mr. Patrick Madigan
J0625	Converting Yard	Waste and Paper into Clean Energy	
First Plac	ee		
Juliana R Name	_	San Jose Catholic School	Mr. Patrick Madigan
J0626	The Effect of Bio Water	adsorbent Materials on the Concentration	of Heavy Metals in River
Second F	Place		
Jasmine Ronce	evic	Julia Landon College Preparotory Middle School	Mr. Daniel Geary
J0627	Biodegradation of	of Polystyrene by <i>Tenebrio molitor larvae</i>	
Second F	Place		
Junior	Engineering		
Liam X Leahy		Holy Family Catholic School	Mrs. Yanny Salom
J0720	Designing a Buo	yant Wind Turbine Platform	
Recogniti	ion		
-			

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Junior Intelligent Machines, Robotics, & Systems Software Julia Landon College Preparotory Middle John Blake Caven Mrs. Pamela Smith School Athletic Drones? The Effect of Autonomous Algorithms on Robotic Intelligence J0910 Third Place **Junior** Physics & Astronomy Jack W Brophy San Jose Catholic School Mr. Patrick Madigan Using Body Heat to Create Electricity J1224 Second Place **Junior** Plant Sciences Mailene G Miranda Saint Joseph Catholic School Mrs. Lizette Woodward What Makes Science A-Peel-ing: Tensile Strength of Banana Fibers J1317 Third Place **Senior Animal Sciences** William G Canty Bishop John J. Snyder High School Mr. Joseph Waas The Effects of Genetic Mutation and Aspartame Exposure on Drosophila melanogaster S0111 Olfactory Response Fourth Place Katelyn S Nicholson Episcopal School of Jacksonville Mrs. Marion Zeiner Analyzing the Correlations Between Genetically Modified Soybean Oil and the S0112 Development of Gallus domesticus Embryos Fourth Place James A Staman The Bolles School Dr. Kathryn Halloran Blue Light Effect Study-Impact on Drosophila's Cognitive Abillity and Changes in Gender S0135 Ratios Honorable Mention Senior Biomedical & Health Sciences Episcopal School of Jacksonville Lindsay S Poulos Mrs. Marion Zeiner The Effects of Secondhand E-Cigarette Vapor on Drosophila melanogaster S0316 Second Place Senior Cellular/Molecular Biology & Biochemistry Caroline E Anderson Episcopal High School of Jacksonville Mrs. Marion Zeiner The Effects of pH on Antigen-Antibody Interactions in Saline Agar S0412 Fourth Place Grant B Szymanski The Bolles School Dr. Kathryn Halloran

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The Effect of Cell Phone EMR on Bioluminescence

S0413

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Honorable Mention

Honghao Zhu		Episcopal School of Jacksonville	Mrs. Marion Zeiner
S0414	Exploration of Se	rum-based Biomarkers of Benign versus N	Malignant Renal Masses
Honorabl	e Mention		
Senior	Chemistry		
Zhaoxian Zhan	g	Episcopal School of Jacksonville	Mrs. Marion Zeiner
S0514	Aluminum Recov	ery in Al-Air Primary Batteries for Innovati	ve Fuel Cell Design
Fourth Pl	ace		
Senior	Earth & Enviro	onmental Sciences	
Graham P Ung	rady	The Bolles School	Dr. Kathryn Halloran
S0647	Comparing Viabil	ity and Photosynthetic Capability of Algae	Cultures Versus Algae Beads
Second F	Place		
Senior	Engineering		
Tara M Martin		Episcopal School of Jacksonville	Mrs. Marion Zeiner
S0712		mechanical Energy Harvesting Using Direction of the decision o	ct Impact and Contactless
Recogniti	on		
Devanik Biswa	S	Stanton College Preparatory School	Ms. Tamla Simmons
S0735	Fabrication of a N System	Novel Nanoporous Hybrid and Multi-layer N	Membrane for a Drug Delivery
Third Place	ce		
Senior	Environmenta	l Engineering	
Sneha Reddy		The Bolles School	Dr. Kathryn Halloran
S0812	Introduction of My Phosphorous Fer	ycorrhizae into Non-Mycorrhizal Plants: A tilizer	Model to Reduce
Third Place	ce		
Ann M Walton		The Bolles School	Dr. Kathryn Halloran
S0812	Introduction of My Phosphorous Fer	ycorrhizae into Non-Mycorrhizal Plants: A tilizer	Model to Reduce
Third Place	ce		
Senior	Microbiology		
Shreyas K Che	tan	The Bolles School	Dr. Kathryn Halloran
S1107	Finding Optimal (Streptococcus py	Concentrations and Solvents for Turmeric- cogenes	A Fight against
Fourth Pl	ace		
Kathleen M Mc		Bishop Kenny High School	Mrs. Victoria Schmitt
S1108	Sterilization of Ba	acteria on Restaurant Menus to Reduce Ci	ross Contamination
Fourth Pl	ace		

Senior Physics & Astronomy

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Kavitha Vudatha		Stanton College Preparatory School	Ms. Tamla Simmons		
S1214	Low Cost Patient	-Nurse Communication System			
Fourth F	Place				
MaryAlice D Y	oung	Bishop Kenny High School	Mrs. Victoria Schmitt		
S1215	Using a System of Electromagnetic Fields to Create a Cumulative Force that Simulates the Effects of Earth's Gravity in Outer Space				
Second	Place				
Senior	Plant Science	s			
Hannah N Lee	e	The Bolles School	Dr. Kathryn Halloran		
S1307	Effectiveness of	s of Water Hyacinth as a Fertilizer on Basil Growth			

Fourth Place

30 awards for Northeast Florida Region

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