

# GSEF List of Exhibitors: Exhibit ID Numbers & Project Information

EXHIBITOR	GRD/ DIV	REG FEE PAID	PROJECT TITLE	CATEGORY	SCHOOL / TEACHER	Exhibit ID
Abdi, Aisha	10th SR div	<input type="checkbox"/>	<i>Which Surface Is the Dirtiest?</i>	MICROBIOLOGY	Stone Mountain High School / Jacquelyn Thomas	<b>S2622</b>
Acosta, Maxine	7th JR div	<input type="checkbox"/>	<i>Eco-Friendly Adhesive Production Carbohydrate-Based Vinyl Acetate</i>	ENVIRONMENTAL ENGINEERING	North Gwinnett Middle School / Amanda Reding	<b>J1215</b>
Acton, Cameron	7th JR div	<input checked="" type="checkbox"/>	<i>What Goes Up, Must Come Down</i>	ENGINEERING MECHANICS	Double Churches Middle School / Jeanne Hattaway	<b>J1615</b>
Aguirre , Hector	10th SR div	<input checked="" type="checkbox"/>	<i>The Effects of Probiotics on E. coli Growth</i>	MICROBIOLOGY	Rockdale Magnet School / Shelley Seagraves	<b>S2604</b>
Ahmad, Afnan	10th SR div	<input checked="" type="checkbox"/>	<i>Safety First: Engineering an Ultrasonic Proximity Safety Sensor</i>	ENGINEERING MECHANICS	Union Grove High School / Dr. Darby Steele	<b>S3811</b>
Ahmed, Safi	11th SR div	<input checked="" type="checkbox"/>	<i>Exploring Various Techniques for Microplastic Removal from Water</i>	EARTH & ENVIRONMENTAL	Walton High School / Tobie Hendricks	<b>S3312</b>
Ajuzie, Michael	10th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Organic Acids &amp; Zinc on Inhibition of E. coli K-12</i>	MICROBIOLOGY	Woodland High School Stockbridge / Keron Gwaltney	<b>S2613</b>
Akar, Tala	10th SR div	<input checked="" type="checkbox"/>	<i>Testing Natural vs Chemical Remedies on Cyanobacteria</i>	MICROBIOLOGY	Woodstock High School / Anna Grantham	<b>S2620</b>
Albdour, Mohammed	7th JR div	<input checked="" type="checkbox"/>	<i>Stealthy Shapes: Geometry Creates Invisibility</i>	PHYSICS & ASTRONOMY	ILM Academy / Dania Taha	<b>J2204</b>
Alday, Giovanny	10th SR div	<input checked="" type="checkbox"/>	<i>How Common Enzymes in Detergents Affect Stains</i>	CHEMISTRY	Jasper County High School / Caleb Fontaine	<b>S4207</b>
Aldrich, Austen	8th JR div	<input checked="" type="checkbox"/>	<i>Tire Speed</i>	MATERIALS SCIENCE	Conyers Middle School / Irvin Colbourne	<b>J2114</b>
Alejo, II, Luis	7th JR div	<input checked="" type="checkbox"/>	<i>Dissolving the Pain</i>	BEHAVIORAL & SOCIAL SCIENCE	Bonaire Middle School / Shannon Sanders	<b>J603</b>
Alese, Theogracia	8th JR div	<input type="checkbox"/>	<i>DNA Is Key(wi)</i>	BIOCHEMISTRY	Five Forks Middle School / Rory O'Connor	<b>J201</b>
Ali Khan, Layla	8th JR div	<input checked="" type="checkbox"/>	<i>Ice Cream Soup</i>	MATERIALS SCIENCE	The Westminster Schools / Florence Sumner	<b>J2111</b>
Alidina, Mashal	11th SR div	<input type="checkbox"/>	<i>A Helping Hand: An Exoskeleton Hand Helper</i>	BIOMEDICAL ENGINEERING	Peachtree Ridge High School / Michael Crawford	<b>S3006</b>
An, Hyeonsu	8th JR div	<input checked="" type="checkbox"/>	<i>Sparks in Water</i>	ENERGY: PHYSICAL	J. C. Booth Middle School / Tamara Pakulski	<b>J1406</b>
Andayan, Chloe	8th JR div	<input checked="" type="checkbox"/>	<i>Eye Spy Bacteria</i>	MICROBIOLOGY	Howard Middle School / Patrina Fulks	<b>J401</b>
Anderson, Larkin	7th JR div	<input checked="" type="checkbox"/>	<i>TechnoTasking</i>	BEHAVIORAL & SOCIAL SCIENCE	Mason Creek Middle School / Tricia Brewer	<b>J613</b>
Anis Ali, Sara	10th SR div	<input checked="" type="checkbox"/>	<i>Salts Add Color to My Life</i>	CHEMISTRY	Fayette County High School / Shane Kuykendall	<b>S4209</b>
Anthony, Simone	6th JR div	<input type="checkbox"/>	<i>Which Water Samples Have the Highest Potential of H2 pH Levels?</i>	CHEMISTRY	Sequoyah Middle School Doraville / Veasna Hin	<b>J2032</b>
Apiyo, Alexa	8th JR div	<input checked="" type="checkbox"/>	<i>The Effects of E-Cigarette Solution on D. melanogaster &amp; Neurons</i>	CELLULAR & MOLECULAR BIOLOGY	General Ray Davis Middle School / Caroline Snell	<b>J304</b>
Arnold, Abigail	8th JR div	<input checked="" type="checkbox"/>	<i>Disinfectant Wars: Return of the Germs</i>	MICROBIOLOGY	Mason Creek Middle School / Theresa Flanagan	<b>J408</b>
Arvizu-Garcia, Janet	11th SR div	<input checked="" type="checkbox"/>	<i>Developing a Practical Microbial Fuel Cell for Industrial Setting</i>	ENERGY: CHEMICAL	Wilkinson County High School / Tangela Tharpe	<b>S3502</b>
Atkinson, Hailey	9th SR div	<input checked="" type="checkbox"/>	<i>Music &amp; Stamina</i>	BEHAVIORAL & SOCIAL SCIENCE	Thomas County Central High School / Meagan Bradshaw	<b>S2809</b>
Augustine, Ananya	6th JR div	<input checked="" type="checkbox"/>	<i>The Effect of Color on the Human Heart Rate</i>	BEHAVIORAL & SOCIAL SCIENCE	Eagle's Landing Middle School / Dalila Barthel	<b>J612</b>
Austin, Amire	6th JR div	<input checked="" type="checkbox"/>	<i>Going the Distance</i>	ENGINEERING MECHANICS	Sylvan Hills Middle School / Tonya Smith	<b>J1627</b>
Austin, Michael	11th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Water Temperature on Daphnia Heart Rate</i>	ANIMAL SCIENCES	Statesboro High School / Richard McCombs	<b>S2306</b>
Aziz, Mehria	7th JR div	<input type="checkbox"/>	<i>Is Your School Really Safe</i>	CELLULAR & MOLECULAR BIOLOGY	Coastal Middle School / Olivia Fine	<b>J302</b>

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Last update: 03/16/2020

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Baek, Seung-a	11th SR div	<input checked="" type="checkbox"/>	<i>Incorporating P.M. 2.5 to Improve Harvested Rainwater Quality</i>	EARTH & ENVIRONMENTAL	McIntosh High School / Stephanie Sisk	<b>S3304</b>
Bailey, Chloe	6th JR div	<input checked="" type="checkbox"/>	<i>Which Is the Best Method of Purifying Water?</i>	EARTH & ENVIRONMENTAL	Weaver Middle School / LaChristi Hunter	<b>J1121</b>
Balkhi, Basim	7th JR div	<input checked="" type="checkbox"/>	<i>Stealthy Shapes: Geometry Creates Invisiblity</i>	PHYSICS & ASTRONOMY	ILM Academy / Dania Taha	<b>J2204</b>
Banks, Jacoby	11th SR div	<input checked="" type="checkbox"/>	<i>Chromatic Density Quantified</i>	CHEMISTRY	Jasper County High School / Elizabeth Proctor	<b>S4215</b>
Barber, Drew	10th SR div	<input checked="" type="checkbox"/>	<i>Alternative Paper</i>	EARTH & ENVIRONMENTAL	North Atlanta High School / Aruna Kailasa	<b>S3325</b>
Barker, Sam	8th JR div	<input checked="" type="checkbox"/>	<i>Keep Your Distance!</i>	ENERGY: PHYSICAL	Pulaski County Middle School / Rebecca Wilson	<b>J1402</b>
Barr, Maria	10th SR div	<input type="checkbox"/>	<i>Organic vs Chemical-Based Wood Polish</i>	MATERIALS SCIENCE	Glynn Academy / Jennifer Brashear	<b>S4312</b>
Basaria, Shamel	12th SR div	<input checked="" type="checkbox"/>	<i>Direct Oral Anticoagulants for Treatment of Thrombophilia</i>	TRANSLATIONAL MEDICAL SCIENCE	Gwinnett School of Mathematics, Science &	<b>S3206</b>
Battaglia, Tabitha	10th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Kin Recognition on Competitive Behaviors</i>	PLANT SCIENCES	Woodstock High School / Anna Grantham	<b>S2709</b>
Batten, Madison	8th JR div	<input type="checkbox"/>	<i>Let It Grow</i>	PLANT SCIENCES	Citizens Christian Academy / Rose Suttles	<b>J526</b>
Battle, Zaria	10th SR div	<input checked="" type="checkbox"/>	<i>Antibacterial Fabric: The Effects of Natural Oil on E. coli</i>	MATERIALS SCIENCE	Rockdale Magnet School / Tyrone Huebsch	<b>S4304</b>
Batts, Vincent	12th SR div	<input checked="" type="checkbox"/>	<i>Usage of Conductive Materials to Reduce Pressure Sensor Cost</i>	MATERIALS SCIENCE	Westlake High School / Kimberly Johny	<b>S4308</b>
Bautista, Nathaly	9th SR div	<input checked="" type="checkbox"/>	<i>How Can Microplastic Contamination in Local Areas Be Treated?</i>	ENVIRONMENTAL ENGINEERING	Elite Scholars Academy Morrow / Laquisha Smith	<b>S3412</b>
Bautista, Yenita	11th SR div	<input checked="" type="checkbox"/>	<i>The Effects of Nitrates on Algae in the Ecosystem</i>	EARTH & ENVIRONMENTAL	Jasper County High School / Elizabeth Proctor	<b>S3314</b>
Baxter, Emiline	8th JR div	<input type="checkbox"/>	<i>Painless Pointe Shoes</i>	MATERIALS SCIENCE	Hancock Day School / Melanie Hoffman	<b>J2123</b>
Begley, Liam	8th JR div	<input checked="" type="checkbox"/>	<i>Caution! This Will Blow You Away</i>	EARTH & ENVIRONMENTAL	Rising Starr Middle School / Melissa Knowles	<b>J1118</b>
Bell, Alaysia	11th SR div	<input checked="" type="checkbox"/>	<i>Is Lactobacillus rhamnosus the Solution to Anxiety Relief?</i>	BEHAVIORAL & SOCIAL SCIENCE	Monroe Comprehensive High School / Shonda Pope	<b>S2802</b>
Bennett, Elizabeth	11th SR div	<input checked="" type="checkbox"/>	<i>The Effects of Cobalt on Daphnia magna</i>	EARTH & ENVIRONMENTAL	Mary Persons High School / Lauren Griffin	<b>S3318</b>
Bergman, Dayne	12th SR div	<input checked="" type="checkbox"/>	<i>Novel Image Processing Neural Network for Skin Cancer Diagnosis</i>	ROBOTICS & INTELLIGENT MACHINES	Woodstock High School / Anna Grantham	<b>S4002</b>
Berney, Lillian	6th JR div	<input checked="" type="checkbox"/>	<i>CO2liminator</i>	CHEMISTRY	Charles R. Drew Charter School / Mae Pagett	<b>J2029</b>
Bhardwaj, Misha	8th JR div	<input checked="" type="checkbox"/>	<i>Are Popular Food Brands Safe?</i>	CHEMISTRY	Vickery Creek Middle School / Amy Ingram	<b>J2017</b>
Bissett, Logan	8th JR div	<input checked="" type="checkbox"/>	<i>How Does Temperature Affect Battery Life?</i>	ENERGY: CHEMICAL	Crabapple Middle School / Christine Davidson	<b>J1303</b>
Blackwelder, Aubrie	6th JR div	<input checked="" type="checkbox"/>	<i>Plant Battle: GMOs vs Non GMOs</i>	PLANT SCIENCES	Strong Rock Christian Academy / Lee Holland	<b>J520</b>
Blass, Mac	10th SR div	<input checked="" type="checkbox"/>	<i>Household Hydroelectric Power</i>	ENVIRONMENTAL ENGINEERING	Lakeside High School DeKalb / Ashton Van Pelt	<b>S3413</b>
Bluhm, Anabella	6th JR div	<input checked="" type="checkbox"/>	<i>Keeping Our Groundwater Safe Naturally</i>	EARTH & ENVIRONMENTAL	Oconee County Middle School / Tabitha Register	<b>J1103</b>
Boling, Lauren	11th SR div	<input checked="" type="checkbox"/>	<i>Social Media Use &amp; Emotional Intelligence</i>	BEHAVIORAL & SOCIAL SCIENCE	Jackson High School / Joseph Barfield	<b>S2803</b>
Bora, Aditya	11th SR div	<input checked="" type="checkbox"/>	<i>Stim Soothe: Reducing Stimming Behavior in Patients with Autism</i>	ROBOTICS & INTELLIGENT MACHINES	Johns Creek High School / Sara Willard	<b>S4007</b>
Boricha-Masand, Aman	11th SR div	<input checked="" type="checkbox"/>	<i>Battle of the Essential Oils in Fungidom, and the Winner Is.....</i>	BIOMEDICAL & HEALTH SCIENCES	Academy for Classical Education / Dan Maley	<b>S2907</b>
Borrego, Juan	10th SR div	<input checked="" type="checkbox"/>	<i>Can E-Juice Kill?</i>	EARTH & ENVIRONMENTAL	Buford High School / Lisa Knutson	<b>S3307</b>

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Borrego, Marco A.	10th SR div	<input checked="" type="checkbox"/>	Can E-Juice Kill?	EARTH & ENVIRONMENTAL	Buford High School / Lisa Knutson	<b>S3307</b>
Bors, Jenny	6th JR div	<input type="checkbox"/>	Balloon Powered Car - Speed vs Distance	ENGINEERING MECHANICS	St. Francis Xavier School / Denise Sturm	<b>J1624</b>
Borst, Kendrick	10th SR div	<input checked="" type="checkbox"/>	What Are the Effects of Population Density on Cricket Aggression?	ANIMAL SCIENCES	Woodland High School Stockbridge / Keron Gwaltney	<b>S2309</b>
Botts, Jasmine	8th JR div	<input checked="" type="checkbox"/>	How Do Different Amounts of Cigarette Smoke Affect Plant Growth?	EARTH & ENVIRONMENTAL	Sandy Springs Middle School / Jessica Caban	<b>J1112</b>
Boyce, Joel	7th JR div	<input checked="" type="checkbox"/>	Fizz: What Is Happening in Your Soda?	CHEMISTRY	Rex Mill Middle School / John Brooks	<b>J2025</b>
Boyd, Ariana	7th JR div	<input checked="" type="checkbox"/>	Designing and Creating a Car Exhaust	ENVIRONMENTAL ENGINEERING	General Ray Davis Middle School / Caroline Snell	<b>J1214</b>
Boyer, Sarah	11th SR div	<input checked="" type="checkbox"/>	The Effects of Cobalt on Daphnia magna	EARTH & ENVIRONMENTAL	Mary Persons High School / Lauren Griffin	<b>S3318</b>
Branch, McKenzie	6th JR div	<input checked="" type="checkbox"/>	Does the Cost of Bottled Water Affect the pH?	CHEMISTRY	Crisp County Middle School / Lynne Thomas	<b>J2028</b>
Brennan, Caylie	7th JR div	<input checked="" type="checkbox"/>	Fresh Food for Folks	ENVIRONMENTAL ENGINEERING	Turner Middle School Lithia Springs / George Holland	<b>J1209</b>
Brenner, Ava	10th SR div	<input type="checkbox"/>	The Influence of Sugar on Adolescent Organisms	ANIMAL SCIENCES	Peachtree Ridge High School / Corey Wellmaker	<b>S2304</b>
Bright, Matthew	11th SR div	<input checked="" type="checkbox"/>	Plant Growth Comparison in Aquaponics Systems with Different Fish	PLANT SCIENCES	North Oconee High School / Tim Griffeth	<b>S2714</b>
Bromell, Justin	12th SR div	<input checked="" type="checkbox"/>	Biolytic Gene Delivery as a Potential Treatment for Skin Cancer	CELLULAR & MOLECULAR BIOLOGY	Rockdale Magnet School / Shelley Seagraves	<b>S2506</b>
Brooks, Aaron	11th SR div	<input checked="" type="checkbox"/>	Analyzing the Concentration of Ca(HCO <sub>3</sub> ) <sub>2</sub> in Water	CHEMISTRY	Chattahoochee County High School / Dr. Tammy Bailey	<b>S4210</b>
Brooks, Sophia	7th JR div	<input type="checkbox"/>	Can Water Float on Water?	CHEMISTRY	Coastal Middle School / Olivia Fine	<b>J2033</b>
Brown, Thomas	6th JR div	<input checked="" type="checkbox"/>	The Effect of Green Roofs on the Temperature of a Home	EARTH & ENVIRONMENTAL	Burney-Harris-Lyons Middle School / Daniel Autry	<b>J1131</b>
Bryan, Jaden	8th JR div	<input type="checkbox"/>	How Clean Can You Get Water with a Homemade Water Filter?	EARTH & ENVIRONMENTAL	The Champion Theme Middle School / Richard Tierney	<b>J1109</b>
Bryant, Kiya	6th JR div	<input checked="" type="checkbox"/>	Magnet vs Temperature	MATERIALS SCIENCE	Putnam County Middle School / Ellen Gibson	<b>J2109</b>
Bryant, Makayla	11th SR div	<input type="checkbox"/>	Transesterification of Nitrogen-Deficient Algae in NaOAc with CaO	ENVIRONMENTAL ENGINEERING	Rockdale Magnet School / Dr. Lynette Clark	<b>S3414</b>
Bryant, Trinity	7th JR div	<input checked="" type="checkbox"/>	TechnoTasking	BEHAVIORAL & SOCIAL SCIENCE	Mason Creek Middle School / Tricia Brewer	<b>J613</b>
Bueno, Samuel	8th JR div	<input type="checkbox"/>	Continuous Glucose Monitor Phone Case	BIOMEDICAL ENGINEERING	Hancock Day School / Melanie Hoffman	<b>J803</b>
Bulin, Gabriella	7th JR div	<input checked="" type="checkbox"/>	Coming Up Conduction	MATERIALS SCIENCE	Bonaire Middle School / Shannon Sanders	<b>J2107</b>
Burgin, Liam	8th JR div	<input checked="" type="checkbox"/>	Life in the World of Blue Light	MATERIALS SCIENCE	Richards Middle School / Daniel Purvis	<b>J2103</b>
Burkey, Sarah	12th SR div	<input checked="" type="checkbox"/>	Developing a Urinalysis Immunoassay for Cortisol Detection Year 2	BIOMEDICAL ENGINEERING	Rockdale Magnet School / Scott Robinson	<b>S3002</b>
Busch, Katia	8th JR div	<input checked="" type="checkbox"/>	Which Drink Has More Electrolytes?	CHEMISTRY	Malcom Bridge Middle School / Abby Thurston	<b>J2014</b>
Bush, Karsyn	10th SR div	<input checked="" type="checkbox"/>	Take a Break	BEHAVIORAL & SOCIAL SCIENCE	Thomas County Central High School / Ryan Strickland	<b>S2801</b>
Cabe, Addison	7th JR div	<input checked="" type="checkbox"/>	Effects of Blue-Green Algae Dietary Supplements	BIOMEDICAL & HEALTH SCIENCES	General Ray Davis Middle School / Caroline Snell	<b>J706</b>
Caceres, Abigail	11th SR div	<input checked="" type="checkbox"/>	Sugar and Bacteria: Is It More Antibiotic Resistant?	MICROBIOLOGY	Newton College & Career Academy / Jennifer Camba	<b>S2602</b>
Cagle, Brady	7th JR div	<input checked="" type="checkbox"/>	Biomodeling in the Formicidae Family	COMPUTATIONAL BIOLOGY &	Jasper County Middle School / Scotti Ann Benton	<b>J903</b>
Cagle, Passion	8th JR div	<input checked="" type="checkbox"/>	Rev Your Engine	ENERGY: PHYSICAL	Montgomery County Middle School / Elizabeth Adams	<b>J1413</b>

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Cai, Olivia	10th SR div	<input type="checkbox"/>	<i>Toxic Effects of Components of Coal Fly Ash in C. elegans</i>	ANIMAL SCIENCES	Gwinnett School of Mathematics, Science &	<b>S2301</b>
Campbell, Chelsea	11th SR div	<input type="checkbox"/>	<i>Computational Affinity Between Anthraquinone Derivatives and DNA</i>	CHEMISTRY	Gwinnett School of Mathematics, Science &	<b>S4204</b>
Campbell, Graham	8th JR div	<input checked="" type="checkbox"/>	<i>Keep Your Distance!</i>	ENERGY: PHYSICAL	Pulaski County Middle School / Rebecca Wilson	<b>J1402</b>
Campbell, Yakirea	11th SR div	<input checked="" type="checkbox"/>	<i>Is Shell Swap Based on Aesthetics or Functionality?</i>	ANIMAL SCIENCES	Jasper County High School / Elizabeth Proctor	<b>S2311</b>
Cantrell, Tabitha	10th SR div	<input checked="" type="checkbox"/>	<i>Everyday Solutions to Clean Up Oil</i>	ENVIRONMENTAL ENGINEERING	Howard High School / Marcus Lawson	<b>S3410</b>
Carhart, Ava	6th JR div	<input checked="" type="checkbox"/>	<i>The pH Effect</i>	CHEMISTRY	Sutton Middle School / Fannie Phillips-Bennett	<b>J2036</b>
Carlisle, Elizabeth	7th JR div	<input checked="" type="checkbox"/>	<i>Still Water</i>	ENVIRONMENTAL ENGINEERING	Mossy Creek Middle School / Carol Kohn	<b>J1219</b>
Carswell, Kaliya	10th SR div	<input checked="" type="checkbox"/>	<i>We're pHeeling Fruity!</i>	CHEMISTRY	Wilkinson County High School / Tangela Tharpe	<b>S4214</b>
Carter, Elizabeth	8th JR div	<input checked="" type="checkbox"/>	<i>Let's Chill... Our Drinks</i>	ENERGY: PHYSICAL	Brentwood School / Cindy Moore	<b>J1401</b>
Carter, Hattie	12th SR div	<input type="checkbox"/>	<i>Real-World Applications of Fractals</i>	MATHEMATICS	Chamblee Charter High School / Shaheen Begum	<b>S3904</b>
Carter, Julie	6th JR div	<input checked="" type="checkbox"/>	<i>Dangerous Driving</i>	BEHAVIORAL & SOCIAL SCIENCE	Nahunta Elementary School / Kristina Sailors	<b>J609</b>
Carvalho, Ana	11th SR div	<input type="checkbox"/>	<i>Zeolite Based Water Generation</i>	ENGINEERING MECHANICS	Jenkins High School / Rose Talbert	<b>S3821</b>
Carver, Jude	7th JR div	<input checked="" type="checkbox"/>	<i>Colors of the Heart</i>	BIOMEDICAL & HEALTH SCIENCES	Coffee Middle School / Donna Dixon	<b>J709</b>
Casey, Connor	10th SR div	<input checked="" type="checkbox"/>	<i>ProBioSoap and Its Effect on Adult Acne</i>	BIOMEDICAL & HEALTH SCIENCES	Riverwood International Charter School / Lakshmi	<b>S2910</b>
Cassett, Monet	11th SR div	<input checked="" type="checkbox"/>	<i>Bird Species Monitoring Using Machine Learning Algorithms</i>	COMPUTATIONAL BIOLOGY &	Westlake High School / Kimberly Johny	<b>S3107</b>
Castens, Haylee	7th JR div	<input checked="" type="checkbox"/>	<i>Baking Soda vs Baking Powder</i>	CHEMISTRY	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J2007</b>
Castronovo, Bridgette	10th SR div	<input checked="" type="checkbox"/>	<i>Biodegradable Straw</i>	ENVIRONMENTAL ENGINEERING	Harrison High School / Paulette Allard	<b>S3406</b>
Cavanaugh, Kathleen	8th JR div	<input checked="" type="checkbox"/>	<i>Accurate or Dicey</i>	MATHEMATICS	Inman Middle School / Mesha Rainey	<b>J1701</b>
Cavender, Emily	12th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Music on Episodic Memory</i>	TRANSLATIONAL MEDICAL SCIENCE	Jasper County High School / Elizabeth Proctor	<b>S3204</b>
Cazares, Lizbeth	11th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Bioremediation on Fracking to Reduce Acid Drainage</i>	EARTH & ENVIRONMENTAL	Rockdale Magnet School / Scott Robinson	<b>S3310</b>
Cerron-Palomino, Alejandra	8th JR div	<input checked="" type="checkbox"/>	<i>Electrolysis</i>	CHEMISTRY	Hilsman Middle School / Diarra Mosley	<b>J2009</b>
Challa, Harshita	10th SR div	<input checked="" type="checkbox"/>	<i>Discovery of RNA-Dependent RNA Polymerase Inhibitors in Dengue</i>	COMPUTATIONAL BIOLOGY &	Milton High School / Dr. Varsha Sonawane	<b>S3109</b>
Chan, Lauren	10th SR div	<input checked="" type="checkbox"/>	<i>Effects of UV Light on the Growth of S. epidermidis</i>	MICROBIOLOGY	McIntosh High School / Kelly McMahon	<b>S2621</b>
Chancey, Benen	11th SR div	<input type="checkbox"/>	<i>Effect of Copper Ion Concentration on Adsorption to Consumer PET</i>	CHEMISTRY	Tucker High School / Roger Burr	<b>S4217</b>
Chandler, Sya	10th SR div	<input checked="" type="checkbox"/>	<i>Increasing Concentrations of Plant Hormones on Plant Growth</i>	PLANT SCIENCES	Rockdale Magnet School / Shelley Seagraves	<b>S2706</b>
Chang, Austin	8th JR div	<input checked="" type="checkbox"/>	<i>How's the Weather Up There Fast People?</i>	PHYSICS & ASTRONOMY	Hilsman Middle School / Diarra Mosley	<b>J2209</b>
Chastain, Westin	7th JR div	<input checked="" type="checkbox"/>	<i>Battery Battle</i>	ENGINEERING MECHANICS	Brooks County Middle School / Christine Hiers	<b>J1619</b>
Chawla, Anika	11th SR div	<input checked="" type="checkbox"/>	<i>Using DNA Barcoding on Lichenous Bioindicators for Pollution</i>	EARTH & ENVIRONMENTAL	Centennial High School / Bob Kuhn	<b>S3315</b>
Cheng, Love	8th JR div	<input checked="" type="checkbox"/>	<i>The Effects of E-Cigarette Solution on D. melanogaster &amp; Neurons</i>	CELLULAR & MOLECULAR BIOLOGY	General Ray Davis Middle School / Caroline Snell	<b>J304</b>

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Chestnut, Nadia	8th JR div	<input checked="" type="checkbox"/>	<i>Now You See Me</i>	BEHAVIORAL & SOCIAL SCIENCE	Aaron Cohn Middle School / Diane Carr	<b>J619</b>
Chisam, Benjamin	11th SR div	<input checked="" type="checkbox"/>	<i>Identifying Normal Pressure Hydrocephalus with Machine Learning</i>	TRANSLATIONAL MEDICAL SCIENCE	South Forsyth High School / Melissa Smith	<b>S3208</b>
Chitgopkar, Siddhi	11th SR div	<input checked="" type="checkbox"/>	<i>Classifying Superbug Genomes Through Mathematical Models</i>	COMPUTATIONAL BIOLOGY &	South Forsyth High School / Melissa Smith	<b>S3105</b>
Choy, Hannah	8th JR div	<input type="checkbox"/>	<i>Recycling: Quantity or Quality?</i>	ENVIRONMENTAL ENGINEERING	Henderson Middle School / Hillsworth Charles	<b>J1221</b>
Christopherson, Katie	8th JR div	<input checked="" type="checkbox"/>	<i>Ice Cream Soup</i>	MATERIALS SCIENCE	The Westminster Schools / Florence Sumner	<b>J2111</b>
Chu, Mary	10th SR div	<input checked="" type="checkbox"/>	<i>Floatato Chip Life Vest: The Making of Affordable Life Vests</i>	ENVIRONMENTAL ENGINEERING	Dutchtown High School / Yamini Mital	<b>S3409</b>
Cibik, Abigail	8th JR div	<input checked="" type="checkbox"/>	<i>The Absorption Rate in Sponges</i>	MATERIALS SCIENCE	Atlanta Girls School / Lisa Rios	<b>J2118</b>
Clay, Maya	12th SR div	<input checked="" type="checkbox"/>	<i>Is Shell Swap Based on Aesthetics or Functionality?</i>	ANIMAL SCIENCES	Jasper County High School / Elizabeth Proctor	<b>S2311</b>
Clemons, Joshua	12th SR div	<input checked="" type="checkbox"/>	<i>Preparation of Li-ion Batteries Utilizing Coupled with Li-Fe-P</i>	MATERIALS SCIENCE	Charles R. Drew Charter School / Boon Boonyapat	<b>S4316</b>
Coates-Powell, Ivory	12th SR div	<input checked="" type="checkbox"/>	<i>The Chemical Analysis of Slime Components</i>	CHEMISTRY	Winder-Barrow High School / Libby Myers	<b>S4218</b>
Cochran, Anthony	12th SR div	<input checked="" type="checkbox"/>	<i>Hydrolysis and Harmonics</i>	ENVIRONMENTAL ENGINEERING	Henry W. Grady High School / Dr. Jormell Cofield	<b>S3411</b>
Cofer, Jade	11th SR div	<input checked="" type="checkbox"/>	<i>Sugar and Bacteria: Is It More Antibiotic Resistant?</i>	MICROBIOLOGY	Newton College & Career Academy / Jennifer Camba	<b>S2602</b>
Coffee, Ella	7th JR div	<input checked="" type="checkbox"/>	<i>Which Wood Would Win?</i>	MATERIALS SCIENCE	Thomas County Middle School / Kimberly Simmons	<b>J2112</b>
Coleman, Tray	7th JR div	<input checked="" type="checkbox"/>	<i>Can Nanotechnology &amp; Magnetism Help Clean Up Oil Spills?</i>	ENVIRONMENTAL ENGINEERING	Richards Middle School / William Callaway	<b>J1204</b>
Collier, Gavin	7th JR div	<input checked="" type="checkbox"/>	<i>To Game or Not to Game?</i>	BEHAVIORAL & SOCIAL SCIENCE	Locust Grove Middle School / Tracey Muise	<b>J615</b>
Collins, Adelyn	8th JR div	<input type="checkbox"/>	<i>Irradiated Seeds: Will They "Squash" the Test?</i>	PLANT SCIENCES	Treutlen Middle/High School / Amanda Warnock	<b>J517</b>
Collins, Trae	8th JR div	<input checked="" type="checkbox"/>	<i>Keep Your Distance!</i>	ENERGY: PHYSICAL	Pulaski County Middle School / Rebecca Wilson	<b>J1402</b>
Comportie, Sophia	7th JR div	<input checked="" type="checkbox"/>	<i>Solar Air Heater</i>	ENERGY: CHEMICAL	Sacred Heart Parish School / Rachel Smith	<b>J1306</b>
Compton, Eli	8th JR div	<input checked="" type="checkbox"/>	<i>The Cost Effectiveness of PLA Filament</i>	ENVIRONMENTAL ENGINEERING	William James Middle School / Danielle Jackson	<b>J1220</b>
Conley, Kyleigh	7th JR div	<input checked="" type="checkbox"/>	<i>Lead in Local Soil</i>	EARTH & ENVIRONMENTAL	Elite Scholars Academy Morrow / Reshawndra Hutchins	<b>J1107</b>
Cooper, Samuel	11th SR div	<input checked="" type="checkbox"/>	<i>Mass Spectrometric Identification Linker Histone Modification Sites</i>	BIOCHEMISTRY	Charles R. Drew Charter School / Boon Boonyapat	<b>S2412</b>
Corbin, Edjenee	12th SR div	<input checked="" type="checkbox"/>	<i>Silver Killer</i>	EARTH & ENVIRONMENTAL	Thomas County Central High School / Laura Kornegay	<b>S3317</b>
Coulter, Brooke	8th JR div	<input type="checkbox"/>	<i>Lip Product Durability</i>	BIOCHEMISTRY	Hancock Day School / Melanie Hoffman	<b>J205</b>
Council, Ava	10th SR div	<input checked="" type="checkbox"/>	<i>We're pHearing Fruity!</i>	CHEMISTRY	Wilkinson County High School / Tangela Tharpe	<b>S4214</b>
Covarrubias, Hailey	10th SR div	<input checked="" type="checkbox"/>	<i>The Effects of <math>\beta</math>-Cyclodextrin and Bile Salts on Arterial Plaque</i>	BIOMEDICAL & HEALTH SCIENCES	Rockdale Magnet School / Dr. Lynette Clark	<b>S2901</b>
Craner, Charlotte	9th SR div	<input checked="" type="checkbox"/>	<i>What's the Dirt on the Worms?</i>	PLANT SCIENCES	Starr's Mill High School / Kelly Rock	<b>S2708</b>
Credle, Anaiah	9th SR div	<input checked="" type="checkbox"/>	<i>Ink Chromatography</i>	CHEMISTRY	Morrow High School / Mindy Hudson	<b>S4203</b>
Crews, Rachel	6th JR div	<input checked="" type="checkbox"/>	<i>Dangerous Driving</i>	BEHAVIORAL & SOCIAL SCIENCE	Nahunta Elementary School / Kristina Sailors	<b>J609</b>
Cromer, Blake	? JR div	<input checked="" type="checkbox"/>	<i>Robby the Fishing Pro</i>	ENGINEERING MECHANICS	Pointe South Middle School / Jeffrey Wilson	<b>J1611</b>

'C' under REG FEE PAID indicates that registration fee has been committed by school/district/region.

Last update: 03/16/2020

EXHIBITOR	GRD/ DIV	REG FEE PAID	PROJECT TITLE	CATEGORY	SCHOOL / TEACHER	Exhibit ID
Crowe, William	7th JR div	☑	<i>Which Bait Catches the Most Fish?</i>	ANIMAL SCIENCES	Worth County Middle School / Jennifer Easom	<b>J101</b>
Cumbess, Austin	11th SR div	☑	<i>Including Safeguards to Reduce Microbes on Gameday</i>	MICROBIOLOGY	Jasper County High School / Elizabeth Proctor	<b>S2616</b>
Curry, Jady	7th JR div	☑	<i>No More Brown Fruit</i>	PLANT SCIENCES	Bonaire Middle School / Shannon Sanders	<b>J507</b>
Curtis, Chase	8th JR div	☑	<i>Feeding Fuzzy</i>	ENGINEERING MECHANICS	Chapel Hill Middle Douglasville / Christina Baxley	<b>J1617</b>
Cuttillo, Massimo	8th JR div	☐	<i>Which Bait Works Best for a Homemade Fly Trap?</i>	ANIMAL SCIENCES	Chamblee Middle School / Christina Reyes	<b>J107</b>
Dale, Arwen	10th SR div	☐	<i>MEDUSA Converter: Converting CO2 in Car Emissions to Limestone</i>	ENVIRONMENTAL ENGINEERING	Peachtree Ridge High School / Tygier Graham	<b>S3401</b>
Dang, Diem-My	10th SR div	☑	<i>Umbra Bow</i>	ENGINEERING MECHANICS	Dutchtown High School / Yamini Mital	<b>S3816</b>
Daniel, Elizabeth	8th JR div	☑	<i>Let's Chill... Our Drinks</i>	ENERGY: PHYSICAL	Brentwood School / Cindy Moore	<b>J1401</b>
Dantes, Trey	7th JR div	☑	<i>Diameter and Dome Strength</i>	ENGINEERING MECHANICS	Warner Robins Middle School / Melanie Mann	<b>J1612</b>
Dash, Akaash	11th SR div	☑	<i>A Novel Method for Detection of Mental Disorders from fMRI Scans</i>	COMPUTATIONAL BIOLOGY &	Milton High School / Dr. Varsha Sonawane	<b>S3102</b>
David, Eres	9th SR div	☑	<i>Cows &amp; Kitchen Scraps: Year 2 - Pigs vs Cows in Biogas Production</i>	ENERGY: CHEMICAL	Eagle's Landing High School / Dr. Pansy Forrester	<b>S3501</b>
Davis, Fa'Shaundra	10th SR div	☑	<i>Digging in with Hormones</i>	PLANT SCIENCES	Warner Robins High School / Dr. Veronica Sanders	<b>S2702</b>
Davis, Samantha	7th JR div	☑	<i>Counting Stars</i>	PHYSICS & ASTRONOMY	Aaron Cohn Middle School / Diane Carr	<b>J2207</b>
Davoud, Kevin	11th SR div	☑	<i>Machine Learning for Predicting Sepsis in an Emergency Department</i>	TRANSLATIONAL MEDICAL SCIENCE	Statesboro High School / Richard McCombs	<b>S3209</b>
Decker, Paul	8th JR div	☑	<i>Converting Saltwater into Freshwater Using Solar Power</i>	ENVIRONMENTAL ENGINEERING	J. C. Booth Middle School / Tamara Pakulski	<b>J1207</b>
DeFrancesco, Olivia	8th JR div	☑	<i>Utilizing Bacillariophyceae (Navicula) to Create Solar Energy</i>	MATERIALS SCIENCE	General Ray Davis Middle School / Caroline Snell	<b>J2108</b>
DeMeritt, Kai	8th JR div	☑	<i>3D Printing: Infill Density and Strength</i>	ENGINEERING MECHANICS	Crabapple Middle School / Christine Davidson	<b>J1618</b>
Dempster, Carson	7th JR div	☑	<i>Sanitary Seaweed</i>	ENVIRONMENTAL ENGINEERING	Mossy Creek Middle School / Carol Kohn	<b>J1203</b>
Dendukuri, Anshu	11th SR div	☑	<i>Using Kitchen Waste Products to Neutralize Acid Mine Drainage</i>	EARTH & ENVIRONMENTAL	South Forsyth High School / Melissa Smith	<b>S3306</b>
DePriest, Caroline	8th JR div	☑	<i>Disinfectant Wars: Return of the Germs</i>	MICROBIOLOGY	Mason Creek Middle School / Theresa Flanagan	<b>J408</b>
Desouky, Malak	8th JR div	☑	<i>What to Pack for a Disaster?</i>	MATERIALS SCIENCE	Atlanta Girls School / Lisa Rios	<b>J2116</b>
Dommert, Ella	10th SR div	☐	<i>Oil Absorption Capacities of Organic Materials</i>	EARTH & ENVIRONMENTAL	Gwinnett School of Mathematics, Science &	<b>S3316</b>
Doran, Rebecca	10th SR div	☐	<i>Household Hydroelectric Power</i>	ENVIRONMENTAL ENGINEERING	Lakeside High School DeKalb / Ashton Van Pelt	<b>S3413</b>
Dorminey, Luke	7th JR div	☑	<i>Starchy</i>	BIOMEDICAL & HEALTH SCIENCES	Atkinson County Middle School / Al Spivey	<b>J708</b>
Dorminy, Jonathan	7th JR div	☑	<i>Amateur Band Text Radio for Emergency Use, Year 2</i>	EMBEDDED SYSTEMS	Sola Fide Home School / Ann Dorminy	<b>J1502</b>
Dorminy, Rebekah	11th SR div	☑	<i>Collision Alert Device: Sensing Potentially Harmful Foot Impacts</i>	EMBEDDED SYSTEMS	Sola Fide Home School / Ann Dorminy	<b>S3705</b>
Douglas, Kennedi	7th JR div	☑	<i>What's the Best Lotion</i>	MATERIALS SCIENCE	Northside Middle School / Stephanie Hunczak	<b>J2122</b>
Dowdy, Barkley	7th JR div	☑	<i>Designing and Creating a Sensor to Reduce SUDEP</i>	ENGINEERING MECHANICS	General Ray Davis Middle School / Caroline Snell	<b>J1622</b>
Duncan, Christopher	8th JR div	☐	<i>Which Bait Works Best for a Homemade Fly Trap?</i>	ANIMAL SCIENCES	Chamblee Middle School / Christina Reyes	<b>J107</b>

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Dunn, Robert	8th JR div	<input checked="" type="checkbox"/>	<i>Can We Engineer a Magnetically Propelled Cart?</i>	ENGINEERING MECHANICS	Union Grove Middle School / Mandy Smith	<b>J1610</b>
Durrance, Salah	7th JR div	<input checked="" type="checkbox"/>	<i>How Far Will It Go? Aluminum vs Wood</i>	MATERIALS SCIENCE	Atkinson County Middle School / Al Spivey	<b>J2106</b>
Eads, Caroline	10th SR div	<input checked="" type="checkbox"/>	<i>Liquid Detection Sensor for Urinary Incontinence</i>	ENGINEERING MECHANICS	Riverwood International Charter School / Lakshmi	<b>S3809</b>
Edwards, Braylin	8th JR div	<input checked="" type="checkbox"/>	<i>Gatorade vs Pickle Juice</i>	CHEMISTRY	Wilkinson County Middle School / Felicia Poole	<b>J2018</b>
Elble, Logan	7th JR div	<input checked="" type="checkbox"/>	<i>Alloy vs Composite vs Wood</i>	MATERIALS SCIENCE	Warner Robins Middle School / Melanie Mann	<b>J2113</b>
Ellerbee, Isabella	9th SR div	<input checked="" type="checkbox"/>	<i>Sugar Rush</i>	BIOMEDICAL & HEALTH SCIENCES	Carrollton High School / Jennifer Sewell	<b>S2921</b>
Emmett, Charlie	7th JR div	<input checked="" type="checkbox"/>	<i>It Doesn't Take a Rocket Scientist</i>	CHEMISTRY	Thomas County Middle School / Kimberly Simmons	<b>J2011</b>
Encarnacion, Gustavo	8th JR div	<input checked="" type="checkbox"/>	<i>Alka-SKYzers</i>	ENERGY: PHYSICAL	W. R. Coile Middle School / Charles Myers	<b>J1409</b>
Enterkin, Leah	11th SR div	<input checked="" type="checkbox"/>	<i>Does Age Difference Significantly Impact GPA for High Schoolers?</i>	BEHAVIORAL & SOCIAL SCIENCE	Whitewater High School / Mary Clark	<b>S2807</b>
Erben, Samuel	11th SR div	<input checked="" type="checkbox"/>	<i>A Trip Through Space: Part 2</i>	PHYSICS & ASTRONOMY	Oak Mountain Academy / Marla Dugan	<b>S4407</b>
Etienne, Daniel	8th JR div	<input type="checkbox"/>	<i>Saving the World One Sofa at a Time</i>	EARTH & ENVIRONMENTAL	The Champion Theme Middle School / Richard Tierney	<b>J1128</b>
Evans, Yashua	11th SR div	<input checked="" type="checkbox"/>	<i>The Amazing MYO</i>	EMBEDDED SYSTEMS	Union Grove High School / Kristie Graham	<b>S3703</b>
Fachisthers, Megan	10th SR div	<input checked="" type="checkbox"/>	<i>The Effects of <math>\beta</math>-Cyclodextrin and Bile Salts on Arterial Plaque</i>	BIOMEDICAL & HEALTH SCIENCES	Rockdale Magnet School / Dr. Lynette Clark	<b>S2901</b>
Farooqui, Samreen	10th SR div	<input type="checkbox"/>	<i>Denitrification of Sodium Nitrate with Bacillus Bacteria</i>	MICROBIOLOGY	Gwinnett School of Mathematics, Science &	<b>S2609</b>
Fatima, Afsheen	8th JR div	<input checked="" type="checkbox"/>	<i>How Do Certain Sweeteners Affect Your Digestive System?</i>	BIOMEDICAL & HEALTH SCIENCES	Amana Academy School / Yerisson Cardenas	<b>J704</b>
Fazekas, Liesel	10th SR div	<input checked="" type="checkbox"/>	<i>A Mechanism to Decrease Rotational Falls in Equestrian Eventing</i>	ENGINEERING MECHANICS	Harrison High School / Paulette Allard	<b>S3806</b>
Felker, Zoe	8th JR div	<input type="checkbox"/>	<i>Are You Using the Right Mouthwash? (Scope, Listerine, Colgate)</i>	BIOMEDICAL & HEALTH SCIENCES	William James Middle School / Danielle Jackson	<b>J713</b>
Fennell, Cheyenne	8th JR div	<input checked="" type="checkbox"/>	<i>Back Talk, Front Talk</i>	BEHAVIORAL & SOCIAL SCIENCE	The Irish Gifted Academy / Marshall Kinneel	<b>J616</b>
Fernandes, Katelyn	10th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Organic Acids &amp; Zinc on Inhibition of E. coli K-12</i>	MICROBIOLOGY	Woodland High School Stockbridge / Keron Gwaltney	<b>S2613</b>
Fields, Justus	10th SR div	<input checked="" type="checkbox"/>	<i>Can UV Light Help Clean Grocery Store Conveyor Belts of Bacteria?</i>	TRANSLATIONAL MEDICAL SCIENCE	Fayette County High School / Shane Kuykendall	<b>S3207</b>
Filler, Andrew	8th JR div	<input type="checkbox"/>	<i>The RC T-34/85 Tank</i>	ENGINEERING MECHANICS	Twin Rivers Middle School / Anna Herdliska	<b>J1609</b>
Finch, Whitt	9th SR div	<input checked="" type="checkbox"/>	<i>Camless Engine</i>	EMBEDDED SYSTEMS	Thomas County Central High School / Meagan Bradshaw	<b>S3702</b>
Findlay, Matthew	8th JR div	<input checked="" type="checkbox"/>	<i>Copper Aluminum Alloy</i>	MATERIALS SCIENCE	Crabapple Middle School / Christine Davidson	<b>J2115</b>
Finley, Austin	6th JR div	<input type="checkbox"/>	<i>The Gridiron Grind</i>	MATHEMATICS	Lanier Middle School / Holly Hall	<b>J1703</b>
Fletcher, Ava	9th SR div	<input checked="" type="checkbox"/>	<i>Got Traction?</i>	MATERIALS SCIENCE	Thomasville City Scholars Academy / Jamie Gammel	<b>S4302</b>
Flores, Maria	8th JR div	<input type="checkbox"/>	<i>Behind the Seeds</i>	BIOCHEMISTRY	Howard Middle School / Patrina Fulks	<b>J204</b>
Flowers, Lilah	7th JR div	<input checked="" type="checkbox"/>	<i>The Nose Knows</i>	BIOMEDICAL & HEALTH SCIENCES	Appling County Middle School / Angela Morris	<b>J714</b>
Flowers-Steele, Jalesia	11th SR div	<input checked="" type="checkbox"/>	<i>Increased Proteases Contribute to Liver Dysfunction in SCD</i>	BIOMEDICAL & HEALTH SCIENCES	South Atlanta High School / Andrea Pendergrass	<b>S2919</b>
Floyd, Aaron	7th JR div	<input checked="" type="checkbox"/>	<i>What Affects the Ripening of a Banana?</i>	PLANT SCIENCES	Feagin Mill Middle School / Brittany Smith	<b>J502</b>

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Foster, Caitlyn	11th SR div	☑	<i>Agricultural Classes' Effect on Student Perception of GMOs</i>	BEHAVIORAL & SOCIAL SCIENCE	Pike County High School / Tammy Gillies	<b>S2804</b>
Francis, Lawren-Chabad	12th SR div	☑	<i>Drag It Out</i>	ENGINEERING MECHANICS	Lithia Springs High School / Patrick Krouba	<b>S3817</b>
Frazier, Isabella	7th JR div	☑	<i>Ready to Eat or Ready to Yeet</i>	PLANT SCIENCES	Godley Station School / Roger Pacheco	<b>J521</b>
Frazier, Micah	6th JR div	☑	<i>Bacteria Growth in Baby Food</i>	MICROBIOLOGY	General Ray Davis Middle School / Caroline Snell	<b>J403</b>
Fredo, Alison	6th JR div	☑	<i>CO2liminator</i>	CHEMISTRY	Charles R. Drew Charter School / Mae Pagett	<b>J2029</b>
Freeman, La'Diamond	11th SR div	☑	<i>Testing Stentor Response to Negative Stimuli</i>	EARTH & ENVIRONMENTAL	Jasper County High School / Elizabeth Proctor	<b>S3303</b>
Fusto, Angelina	12th SR div	☑	<i>Drink Mor Urin</i>	BIOCHEMISTRY	Brandon Hall School / Alexander Pike	<b>S2406</b>
Gallagher, Hal	12th SR div	☑	<i>Transforming Clostridium sporogenes with Prodrug Converting</i>	MICROBIOLOGY	Paulding County High School / Marc Pedersen	<b>S2608</b>
Gao, Karen	9th SR div	☑	<i>Study of the Effectiveness of Automatic Keyword Extraction</i>	SYSTEMS SOFTWARE	Johns Creek High School / Sara Willard	<b>S4103</b>
Gao, Wendy	8th JR div	☑	<i>Does Calm Music Affect Your Math Performance?</i>	BEHAVIORAL & SOCIAL SCIENCE	Arnold Magnet Academy / Kelli Kelley	<b>J602</b>
Garber, Evan	11th SR div	☐	<i>Mechanical Stresses on a Piezoelectric Material</i>	ENERGY: PHYSICAL	Dunwoody High School / Bradley Hendrickson	<b>S3604</b>
Garcia, Chielsy	7th JR div	☑	<i>Music Therapy: The Effect of Music in Patients with Dementia</i>	BEHAVIORAL & SOCIAL SCIENCE	Howard Middle School / Precious Burnette	<b>J606</b>
Garcia, Cristina	8th JR div	☑	<i>Natural vs Chemical Fertilizers: Case for Used Coffee Grounds</i>	PLANT SCIENCES	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J519</b>
Garcia, Lisbeth	11th SR div	☑	<i>The Effects of Nitrates on Algae in the Ecosystem</i>	EARTH & ENVIRONMENTAL	Jasper County High School / Elizabeth Proctor	<b>S3314</b>
Garlapaty, Anjali	7th JR div	☑	<i>Chemicals in Water Bottles</i>	CHEMISTRY	Richards Middle School / William Callaway	<b>J2010</b>
Garmroudi, Armin	8th JR div	☑	<i>How Does Temperature Affect Battery Life?</i>	ENERGY: CHEMICAL	Crabapple Middle School / Christine Davidson	<b>J1303</b>
Garrepally, Diya	8th JR div	☑	<i>Imp-Act Toothpaste</i>	BIOMEDICAL ENGINEERING	Dodgen Middle School / Tia Bryller	<b>J801</b>
Gayden, Ashanah	12th SR div	☑	<i>Application of pH-Responsive Nanogels for Targeted Drug Delivery</i>	BIOMEDICAL & HEALTH SCIENCES	Rockdale Magnet School / Tyrone Huebsch	<b>S2905</b>
George, Aleigha	8th JR div	☑	<i>What's the Flow?</i>	CHEMISTRY	Atkinson County Middle School / Ken Erickson	<b>J2001</b>
Gerstle, Aaron	7th JR div	☐	<i>Effect of Air Pollution on Extremotolerant Microinvertebrates</i>	EARTH & ENVIRONMENTAL	Chamblee Middle School / Jonathan Streich	<b>J1122</b>
Ghosh, Abhijeet	6th JR div	☑	<i>Recycling with AI (Artificial Intelligence) and Robotics</i>	ROBOTICS & INTELLIGENT MACHINES	Dodgen Middle School / Lindsay Leatherwood	<b>J1801</b>
Gignilliat, Brandon	12th SR div	☑	<i>Finding the On-Target Locations of Skin Cancer Defense Enzymes</i>	COMPUTATIONAL BIOLOGY &	Rockdale Magnet School / Shelley Seagraves	<b>S3104</b>
Gill, Morgan	10th SR div	☑	<i>Designing a Solution to Dissolve Nephrolithiasis</i>	BIOMEDICAL ENGINEERING	Rockdale Magnet School / Shelley Seagraves	<b>S3005</b>
Giusto, Nicolas	6th JR div	☑	<i>Resonating Balloon Bust</i>	MATERIALS SCIENCE	Mabry Middle School / Elizabeth Davis	<b>J2119</b>
Gladden, Nia	11th SR div	☑	<i>Bird Species Monitoring Using Machine Learning Algorithms</i>	COMPUTATIONAL BIOLOGY &	Westlake High School / Kimberly Johny	<b>S3107</b>
Gladney, Richard	11th SR div	☐	<i>The Effects of Roundup on Bovine Blood</i>	ANIMAL SCIENCES	Arabia Mountain High School / Dr. Fred Okoh	<b>S2310</b>
Glover, Henry	11th SR div	☑	<i>Agricultural Classes' Effect on Student Perception of GMOs</i>	BEHAVIORAL & SOCIAL SCIENCE	Pike County High School / Tammy Gillies	<b>S2804</b>
Goel, Zoya	11th SR div	☑	<i>RNN Designed for Text Generation Is Able to Create Baroque Music</i>	ROBOTICS & INTELLIGENT MACHINES	The Walker School / Cristi Lebron	<b>S4001</b>
Goldgar, Laura	10th SR div	☑	<i>The Effect of Chitosan on Plant Growth</i>	PLANT SCIENCES	Rockdale Magnet School / Tyrone Huebsch	<b>S2704</b>



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Gonzalez, Isabella	8th JR div	<input type="checkbox"/>	<i>Ocean Acidification</i>	EARTH & ENVIRONMENTAL	Twin Rivers Middle School / Anna Herdliska	<b>J1105</b>
Gopu, Asha	10th SR div	<input checked="" type="checkbox"/>	<i>A Pathological Voice Analysis to Detect Parkinson's Disease</i>	TRANSLATIONAL MEDICAL SCIENCE	Eagle's Landing High School / Dr. Natasha Johnson	<b>S3205</b>
Gould, Greg	10th SR div	<input checked="" type="checkbox"/>	<i>Effect of Sulfur Dioxide on Filamentous Algae Growth</i>	EARTH & ENVIRONMENTAL	Starr's Mill High School / Christie Jarret	<b>S3302</b>
Graves, Alexia	10th SR div	<input type="checkbox"/>	<i>Household Hydroelectric Power</i>	ENVIRONMENTAL ENGINEERING	Lakeside High School DeKalb / Ashton Van Pelt	<b>S3413</b>
Green, Cooper	6th JR div	<input type="checkbox"/>	<i>Trees: Living Vacuums</i>	PLANT SCIENCES	Snellville Middle School / Tiffany Fortner	<b>J525</b>
Greer, Robert	12th SR div	<input checked="" type="checkbox"/>	<i>Effects of Pulling Forces on Roof Shingles</i>	PHYSICS & ASTRONOMY	Monroe Area High School / Gino Elia	<b>S4410</b>
Greer, Shelby	8th JR div	<input checked="" type="checkbox"/>	<i>Block Out</i>	ENGINEERING MECHANICS	Worth County Middle School / Jennifer Easom	<b>J1613</b>
Gregoire, Evan	6th JR div	<input checked="" type="checkbox"/>	<i>Acid Rain! Acid Rain!</i>	EARTH & ENVIRONMENTAL	Early County Middle School / Ben Crowdis	<b>J1111</b>
Gregory, Kyle	11th SR div	<input checked="" type="checkbox"/>	<i>Developing 4D Printed Magnetic Liquid Crystal Elastomer Actuator</i>	MATERIALS SCIENCE	Benjamin E. Mays High School / Angela Bush	<b>S4313</b>
Griffin, Kayla	8th JR div	<input checked="" type="checkbox"/>	<i>From Cubes to Puddles</i>	CHEMISTRY	Sandtown Middle School / Kristen Turner	<b>J2015</b>
Griffin, Layla	11th SR div	<input checked="" type="checkbox"/>	<i>Including Safeguards to Reduce Microbes on Gameday</i>	MICROBIOLOGY	Jasper County High School / Elizabeth Proctor	<b>S2616</b>
Griffith, Delysia	8th JR div	<input checked="" type="checkbox"/>	<i>Electrolysis</i>	CHEMISTRY	Hilsman Middle School / Diarra Mosley	<b>J2009</b>
Grindeland, Estelle	8th JR div	<input checked="" type="checkbox"/>	<i>Are You Sold on Using Your Bats in the Cold?</i>	MATERIALS SCIENCE	Hilsman Middle School / Diarra Mosley	<b>J2104</b>
Griner, Bryson	7th JR div	<input checked="" type="checkbox"/>	<i>Candy Confusion</i>	BIOMEDICAL & HEALTH SCIENCES	Perry Middle School / Tim Hutchens	<b>J702</b>
Gruno, Emilee	6th JR div	<input checked="" type="checkbox"/>	<i>Shiny, Soft, Strong... Sustainable</i>	MATERIALS SCIENCE	Brooks County Middle School / Christine Hiers	<b>J2101</b>
Gullikson, Matthew	7th JR div	<input checked="" type="checkbox"/>	<i>Do Spices Affect the Growth of Mold?</i>	CELLULAR & MOLECULAR BIOLOGY	St. James Catholic School / Stephen Hotard	<b>J306</b>
Gunjal, Venya	8th JR div	<input checked="" type="checkbox"/>	<i>Keeping the Waste Out of the Waves</i>	ENVIRONMENTAL ENGINEERING	Daniell Middle School / Natalie West	<b>J1201</b>
Gupta, Prakash	7th JR div	<input checked="" type="checkbox"/>	<i>How Does Blue Light from Electronic Devices Affect Sleep?</i>	BIOMEDICAL ENGINEERING	General Ray Davis Middle School / Caroline Snell	<b>J802</b>
Guthikonda, Sunanya	8th JR div	<input checked="" type="checkbox"/>	<i>Are E-Liquids Contaminated with Harmful Bacteria?</i>	MICROBIOLOGY	The Westminster Schools / Gary Jones	<b>J411</b>
Gutsulyak, Julie	11th SR div	<input checked="" type="checkbox"/>	<i>Plastic: A Big Problem, A Small Solution</i>	EARTH & ENVIRONMENTAL	Rockdale Magnet School / Scott Robinson	<b>S3313</b>
Gwan-Nulla, Emma	11th SR div	<input type="checkbox"/>	<i>Do Phthalates in Makeup Inhibit the Growth of Yeast?</i>	BIOMEDICAL & HEALTH SCIENCES	Brookstone School / Jody Lumsden	<b>S2914</b>
Hall, Camille	8th JR div	<input checked="" type="checkbox"/>	<i>Utilizing Bacillariophyceae (Navicula) to Create Solar Energy</i>	MATERIALS SCIENCE	General Ray Davis Middle School / Caroline Snell	<b>J2108</b>
Hamilton, Armani	10th SR div	<input type="checkbox"/>	<i>What Are the Behavioral Effects of Caffeine on Goldfish?</i>	ANIMAL SCIENCES	Arabia Mountain High School / Dr. Fred Okoh	<b>S2312</b>
Hammond, Alisha	8th JR div	<input type="checkbox"/>	<i>Sweet Science: Are Natural Sugars the Same as Table Sugar?</i>	BIOCHEMISTRY	Five Forks Middle School / Rory O'Connor	<b>J206</b>
Hancock, Rebecca	7th JR div	<input checked="" type="checkbox"/>	<i>The Heat Is On</i>	ENERGY: PHYSICAL	Bonaire Middle School / Shannon Sanders	<b>J1408</b>
Hand, Paige	7th JR div	<input checked="" type="checkbox"/>	<i>How Flammable Is It?</i>	CHEMISTRY	Appling County Middle School / Angela Morris	<b>J2020</b>
Harley, Kate	8th JR div	<input checked="" type="checkbox"/>	<i>Ambidexterity Between Left and Right- Handed People</i>	BEHAVIORAL & SOCIAL SCIENCE	The Westminster Schools / Mecia Israel	<b>J617</b>
Harris, Brianna	10th SR div	<input checked="" type="checkbox"/>	<i>The Effect of UV Radiation on E. coli</i>	MICROBIOLOGY	Woodstock High School / Anna Grantham	<b>S2612</b>
Hart, Madison	8th JR div	<input checked="" type="checkbox"/>	<i>Hey Batter Batter</i>	ENERGY: PHYSICAL	Brentwood School / Cindy Moore	<b>J1407</b>

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Hartssock, Whitney	7th JR div	<input type="checkbox"/>	Hair-Grometer	EARTH & ENVIRONMENTAL	Dacula Middle School / Jennifer Sevier	J1125
Haughton, Asianna	11th SR div	<input checked="" type="checkbox"/>	Utilizing the Byproduct of Xenoliths	MATERIALS SCIENCE	Rockdale Magnet School / Scott Robinson	S4306
Hayes, Catherine	10th SR div	<input checked="" type="checkbox"/>	Will Adding Other Supplements Aid the Digestion of Methylfolate?	BIOMEDICAL & HEALTH SCIENCES	Whitewater High School / Mary Clark	S2913
He, Cassandra	11th SR div	<input checked="" type="checkbox"/>	Developing a Novel Pertussis Vaccine	MICROBIOLOGY	North Oconee High School / Matthew Shuman	S2605
Head, Achaia	9th SR div	<input checked="" type="checkbox"/>	Ink Chromatography	CHEMISTRY	Morrow High School / Mindy Hudson	S4203
Hemrajani, Sahil	8th JR div	<input checked="" type="checkbox"/>	The Effect of Temperature on Solar Cell Power	ENERGY: PHYSICAL	Taylor Road Middle School / Nancy Lockwood	J1404
Henry, Shamar	6th JR div	<input checked="" type="checkbox"/>	Bacteria Growth in Baby Food	MICROBIOLOGY	General Ray Davis Middle School / Caroline Snell	J403
Herman, Emily	7th JR div	<input type="checkbox"/>	Which Bridge Is the Strongest?	ENGINEERING MECHANICS	Coastal Middle School / Olivia Fine	J1625
Herndon, Brock	8th JR div	<input checked="" type="checkbox"/>	How Do a Golf Ball's Dimples Affect Its Flight?	PHYSICS & ASTRONOMY	E. T. Booth Middle School / Dr. Lawrence Gruszecki	J2202
Hill, Lindsey	11th SR div	<input checked="" type="checkbox"/>	The Type of Stitch Affecting the Amount of Weight It Can Hold	ENGINEERING MECHANICS	Statesboro High School / Richard McCombs	S3823
Hill, Omarion	9th SR div	<input checked="" type="checkbox"/>	Gardner's Eight Intelligences: What Type of Intelligence Are You?	BEHAVIORAL & SOCIAL SCIENCE	Lovejoy High School / Naseera Chong	S2812
Hoffman, Sierra	7th JR div	<input checked="" type="checkbox"/>	Oil Off a Duck's Back	EARTH & ENVIRONMENTAL	Bonaire Middle School / Shannon Sanders	J1124
Holland, Cara	8th JR div	<input checked="" type="checkbox"/>	How Carbon Dioxide Growth Impact Is Affected by Number of Plants	CELLULAR & MOLECULAR BIOLOGY	E. T. Booth Middle School / Dr. Lawrence Gruszecki	J303
Holland, Kayla	8th JR div	<input checked="" type="checkbox"/>	The Effects of E-Cigarette Solution on D. melanogaster & Neurons	CELLULAR & MOLECULAR BIOLOGY	General Ray Davis Middle School / Caroline Snell	J304
Hollowell, Sophie	10th SR div	<input checked="" type="checkbox"/>	Effects of UV Light on the Growth of S. epidermidis	MICROBIOLOGY	McIntosh High School / Kelly McMahon	S2621
Holman, Daniel	10th SR div	<input checked="" type="checkbox"/>	Optimizing the Capabilities of the Fog Harp	ENVIRONMENTAL ENGINEERING	Whitewater High School / Mary Clark	S3405
Holmes, Luke	8th JR div	<input checked="" type="checkbox"/>	How Does Temperature Affect Battery Life?	ENERGY: CHEMICAL	Crabapple Middle School / Christine Davidson	J1303
Horne, Turner	6th JR div	<input checked="" type="checkbox"/>	Organic vs Commercial	EARTH & ENVIRONMENTAL	Thomas County Middle School / Samantha Sturup	J1120
Hua, Howard	11th SR div	<input checked="" type="checkbox"/>	3D Printing Hierarchical Porous Glassy Carbon for Supercapacitors	MATERIALS SCIENCE	Wheeler High School / Joel Howell	S4303
Huang, Ziluo Bella	9th SR div	<input checked="" type="checkbox"/>	Don't Slip!	MATERIALS SCIENCE	Atlanta Girls School / Melissa Hankinson	S4305
Hutcheson, William Jaimie	7th JR div	<input checked="" type="checkbox"/>	Frequent Fingerprints	CELLULAR & MOLECULAR BIOLOGY	Coffee Middle School / Donna Dixon	J301
Huynh, Elizabeth	10th SR div	<input checked="" type="checkbox"/>	Effect of S. epidermidis and Lysate on Skin Cancer Cell Growth	CELLULAR & MOLECULAR BIOLOGY	Rockdale Magnet School / Shelley Seagraves	S2501
Huynh, Emma	10th SR div	<input checked="" type="checkbox"/>	Which Method of Home Gardening Is the Most Efficient?	PLANT SCIENCES	Union Grove High School / Dr. Darby Steele	S2703
Ibrahim, Amani	8th JR div	<input checked="" type="checkbox"/>	How Do Certain Sweeteners Affect Your Digestive System?	BIOMEDICAL & HEALTH SCIENCES	Amana Academy School / Yerisson Cardenas	J704
Im, Eunchan	11th SR div	<input checked="" type="checkbox"/>	The Viability of Plant-Based Coagulants	BIOCHEMISTRY	South Forsyth High School / Melissa Smith	S2404
Indrakumar, Sutharsan	8th JR div	<input type="checkbox"/>	Hydraulic Hand	ENGINEERING MECHANICS	Shiloh Middle School / Dr. Mia Jones	J1608
Ishola, Temitomiwa	10th SR div	<input type="checkbox"/>	What Are the Behavioral Effects of Caffeine on Goldfish?	ANIMAL SCIENCES	Arabia Mountain High School / Dr. Fred Okoh	S2312
Isom, Alexis	7th JR div	<input checked="" type="checkbox"/>	Homemade Fly Trap: Which Baits Works Best to Catch Flies?	ENGINEERING MECHANICS	East Columbus Magnet Academy / Arlys Clayborn	J1621
Israel, Julia	6th JR div	<input checked="" type="checkbox"/>	"Weir" Did the Water Go?	EARTH & ENVIRONMENTAL	Rutland Middle School / Leroy Brooks	J1129

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Jackson, Bishop	9th SR div	<input checked="" type="checkbox"/>	<i>Benign vs Malignant</i>	ROBOTICS & INTELLIGENT MACHINES	Thomas County Central High School / Meagan Bradshaw	<b>S4009</b>
Jackson, Montana	10th SR div	<input type="checkbox"/>	<i>In-Home Water Distillation</i>	ENVIRONMENTAL ENGINEERING	Glynn Academy / Jennifer Brashear	<b>S3416</b>
Jacob, Kevin	8th JR div	<input checked="" type="checkbox"/>	<i>Ride Check - Right Bus, Right Stop. Every Time</i>	EMBEDDED SYSTEMS	Alton C. Crews Middle School / Jill Sheldon	<b>J1501</b>
Jacobs, Ethan	6th JR div	<input checked="" type="checkbox"/>	<i>Burst My Bubble</i>	CHEMISTRY	The GLOBE Academy / Malka Schwarzmer	<b>J2034</b>
Jacobs, Gavin	11th SR div	<input checked="" type="checkbox"/>	<i>Genetic Sequencing of Endangered Rudbeckia heliopsidis</i>	PLANT SCIENCES	Jasper County High School / Elizabeth Proctor	<b>S2713</b>
Jadhav, Ameya	10th SR div	<input checked="" type="checkbox"/>	<i>Improving Skin Cancer Detection Through Deep Machine Learning</i>	ROBOTICS & INTELLIGENT MACHINES	Denmark High School / Shelby Cochran	<b>S4008</b>
Jaganathan, Nikhil	12th SR div	<input checked="" type="checkbox"/>	<i>Bioelectrochemical Synthesis of Bacterial Fuel Cells</i>	ENERGY: CHEMICAL	Alpharetta High School / Jaime Duran	<b>S3504</b>
Jaganathan, Nisha	9th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Compost on the pH of Soil and Groundwater</i>	EARTH & ENVIRONMENTAL	Alpharetta High School / Jaime Duran	<b>S3320</b>
Jain, Arnav	12th SR div	<input checked="" type="checkbox"/>	<i>The Intelligent Medical Stapler: Ending the Emergency Room Crisis</i>	BIOMEDICAL ENGINEERING	Gwinnett School of Mathematics, Science &	<b>S3007</b>
James, Connor	7th JR div	<input checked="" type="checkbox"/>	<i>There's Power in the Color</i>	EARTH & ENVIRONMENTAL	Bonaire Middle School / Shannon Sanders	<b>J1102</b>
James, Jackson	8th JR div	<input checked="" type="checkbox"/>	<i>What Is the Fastest Method by Which a Rubik's Cube Can Be Solved?</i>	MATHEMATICS	William James Middle School / Danielle Jackson	<b>J1704</b>
James, Will	8th JR div	<input checked="" type="checkbox"/>	<i>What Is the Fastest Method by Which a Rubik's Cube Can Be Solved?</i>	MATHEMATICS	William James Middle School / Danielle Jackson	<b>J1704</b>
Jani, Niti	10th SR div	<input checked="" type="checkbox"/>	<i>Denitrification of Sodium Nitrate with Bacillus Bacteria</i>	MICROBIOLOGY	Gwinnett School of Mathematics, Science &	<b>S2609</b>
Janzen, Maddie	7th JR div	<input checked="" type="checkbox"/>	<i>How Does the Size of a Parachute Make a Difference on Its Fall?</i>	PHYSICS & ASTRONOMY	High Meadows School / David Engbritson	<b>J2210</b>
Jarrett, Nathan	7th JR div	<input checked="" type="checkbox"/>	<i>Battle of the Senses - Sight vs Taste</i>	BEHAVIORAL & SOCIAL SCIENCE	Thomas County Middle School / Kimberly Simmons	<b>J618</b>
Jeyaraj, Dominic Alphonse	10th SR div	<input checked="" type="checkbox"/>	<i>Can Non-Newtonian Fluid Be Used as a Viable Insulator?</i>	MATERIALS SCIENCE	Stockbridge High School / Dr. Josephine Jeganathan	<b>S4307</b>
Johnson, Carina	9th SR div	<input checked="" type="checkbox"/>	<i>Burn Baby Burn</i>	CHEMISTRY	Thomas County Central High School / Meagan Bradshaw	<b>S4213</b>
Johnson, Grace	8th JR div	<input checked="" type="checkbox"/>	<i>In Water We Trust?</i>	EARTH & ENVIRONMENTAL	Aaron Cohn Middle School / Ronnie Fuller	<b>J1114</b>
Johnson, Joshua	10th SR div	<input type="checkbox"/>	<i>Materials and Their Usability in the Aerial Reforestation Project</i>	MATERIALS SCIENCE	Statesboro High School / Richard McCombs	<b>S4310</b>
Johnson, Kristain	12th SR div	<input checked="" type="checkbox"/>	<i>The Chemical Analysis of Slime Components</i>	CHEMISTRY	Winder-Barrow High School / Libby Myers	<b>S4218</b>
Jones, Jolie	11th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Kin Recognition on Competitive Behaviors</i>	PLANT SCIENCES	Woodstock High School / Anna Grantham	<b>S2709</b>
Jones, Katherine	9th SR div	<input checked="" type="checkbox"/>	<i>Do Technical Swimsuits Allow a Swimmer to Go Faster?</i>	ENERGY: PHYSICAL	Thomasville City Scholars Academy / Jamie Gammel	<b>S3602</b>
Jones, Kendraya	12th SR div	<input checked="" type="checkbox"/>	<i>The Chemical Analysis of Slime Components</i>	CHEMISTRY	Winder-Barrow High School / Libby Myers	<b>S4218</b>
Jones, Maggie	7th JR div	<input type="checkbox"/>	<i>Boiling Oils</i>	CHEMISTRY	The STEM Academy at Bartlett / Karla Davis	<b>J2035</b>
Jongebreur, Molly	8th JR div	<input checked="" type="checkbox"/>	<i>Which Type of Worm Decomposes Organic Material the Fastest?</i>	EARTH & ENVIRONMENTAL	Union Grove Middle School / Mandy Smith	<b>J1117</b>
Joyce, Azaria	8th JR div	<input type="checkbox"/>	<i>Are You Using the Right Mouthwash? (Scope, Listerine, Colgate)</i>	BIOMEDICAL & HEALTH SCIENCES	William James Middle School / Danielle Jackson	<b>J713</b>
Julkes, Taylee	7th JR div	<input checked="" type="checkbox"/>	<i>What Is the Effect of Animal Fertilizer on Marigolds?</i>	PLANT SCIENCES	Warner Robins Middle School / Melanie Mann	<b>J505</b>
Kadadi, Yash	11th SR div	<input checked="" type="checkbox"/>	<i>SWIFT: A Novel Machine Platform for Space Weather Forecasting</i>	PHYSICS & ASTRONOMY	The Westminster Schools / Florence Sumner	<b>S4408</b>
Kalia, Mehul	11th SR div	<input checked="" type="checkbox"/>	<i>Stim Soothe: Reducing Stimulating Behavior in Patients with Autism</i>	ROBOTICS & INTELLIGENT MACHINES	Johns Creek High School / Sara Willard	<b>S4007</b>

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Kalra, Siya	11th SR div	☑	<i>Uptake of HIV Nef EV's by Jurkat Cells and THP-1 Monocytes</i>	MICROBIOLOGY	The Westminster Schools / Audra Ward	<b>S2619</b>
Kalva, Akhil	8th JR div	☑	<i>Glowing with Luminol</i>	CHEMISTRY	Taylor Road Middle School / Nancy Lockwood	<b>J2004</b>
Kaplan, Breanna	12th SR div	☐	<i>Tremor Counteracting Stability Utensil</i>	ENGINEERING MECHANICS	Peachtree Ridge High School / Hyunjin Son	<b>S3820</b>
Karim, Yarithhe	10th SR div	☑	<i>Can UV Light Help Clean Grocery Store Conveyor Belts of Bacteria?</i>	TRANSLATIONAL MEDICAL SCIENCE	Fayette County High School / Shane Kuykendall	<b>S3207</b>
Kasibhatla, Varun	12th SR div	☑	<i>Bioelectrochemical Synthesis of Bacterial Fuel Cells</i>	ENERGY: CHEMICAL	Alpharetta High School / Jaime Duran	<b>S3504</b>
Kasurde, Anika	8th JR div	☑	<i>Are Popular Food Brands Safe?</i>	CHEMISTRY	Vickery Creek Middle School / Amy Ingram	<b>J2017</b>
Katoch, Shyla	8th JR div	☑	<i>Are Popular Food Brands Safe?</i>	CHEMISTRY	Vickery Creek Middle School / Amy Ingram	<b>J2017</b>
Kaur, Arshpreet	10th SR div	☑	<i>Scooting with Safety</i>	EMBEDDED SYSTEMS	Dutchtown High School / Yamini Mital	<b>S3704</b>
Keck, Mayes	7th JR div	☑	<i>Does Bounce Affect Distance?</i>	PHYSICS & ASTRONOMY	St. James Catholic School / Stephen Hotard	<b>J2215</b>
Keele, Alex	7th JR div	☑	<i>Sound Pollution Proof Sonar</i>	ENVIRONMENTAL ENGINEERING	Whitewater Middle School / Jennifer Joiner	<b>J1210</b>
Kelly, Keshawn	12th SR div	☑	<i>Using Doppler Effect and Collimation to Study Atomic Behavior</i>	PHYSICS & ASTRONOMY	Stilwell School of the Arts / Rajini Sundararaj	<b>S4403</b>
Kemp, Mary	7th JR div	☑	<i>Color Changes Temperature</i>	ENERGY: PHYSICAL	Bonaire Middle School / Shannon Sanders	<b>J1410</b>
Kendrick, Jarrett	6th JR div	☑	<i>Does Weight Affect the Battery Life of a Drone?</i>	PHYSICS & ASTRONOMY	Crisp County Middle School / Lynne Thomas	<b>J2212</b>
Kennard, Jack	8th JR div	☑	<i>Effect of Sound Waves on Plant Biomass</i>	PLANT SCIENCES	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J501</b>
Kennebrew, Ryan	7th JR div	☐	<i>Want Some Pi?</i>	SYSTEMS SOFTWARE	Hull Middle School / Carrie Sammons	<b>J1901</b>
Kenyon, Edward	8th JR div	☑	<i>Salt Is Extremely Deadly! If You Are a Bacterial Cell, That Is.</i>	MICROBIOLOGY	Carrollton Junior High School / Ashley Soulsby	<b>J407</b>
Kern, Evan	10th SR div	☑	<i>Sun Tracking Solar Panel</i>	ENERGY: PHYSICAL	Starr's Mill High School / Dan Gant	<b>S3601</b>
Khaja, Faizan	8th JR div	☑	<i>What Is the Effect of 3D Movies on Vision Accuracy?</i>	BEHAVIORAL & SOCIAL SCIENCE	Bennett's Mill Middle School / Mary Beth Grabhorn	<b>J611</b>
Khan, Hamna	9th SR div	☑	<i>An Erie Situation: Swimmers Ear</i>	MICROBIOLOGY	Dutchtown High School / Myesha McCullan	<b>S2606</b>
Khan, Zakwan	12th SR div	☑	<i>Investigating the Role of Various Genes in Substance Dependence</i>	TRANSLATIONAL MEDICAL SCIENCE	Woodstock High School / Anna Grantham	<b>S3202</b>
Kight, Blake	7th JR div	☐	<i>Does Color Affect Memory?</i>	BEHAVIORAL & SOCIAL SCIENCE	The GLOBE Academy / Malka Schwarzmer	<b>J620</b>
Kight, Justin	12th SR div	☑	<i>Finding Sugar Content with Lasers</i>	PHYSICS & ASTRONOMY	Winder-Barrow High School / Libby Myers	<b>S4406</b>
Killian, Sydney	6th JR div	☑	<i>The Portable Pulley-Up</i>	ENGINEERING MECHANICS	Atlanta Girls School / Lisa Rios	<b>J1601</b>
Kim, Bryan	12th SR div	☐	<i>C.O.A.T: Capsule Opens After Time</i>	MATERIALS SCIENCE	Peachtree Ridge High School / Hyunjin Son	<b>S4309</b>
Kim, Christina	10th SR div	☐	<i>Pelvic Brace for Dysmenorrhea Relief</i>	BIOMEDICAL ENGINEERING	Peachtree Ridge High School / Corey Wellmaker	<b>S3009</b>
Kim, Spencer	9th SR div	☐	<i>Drain Tech</i>	ENGINEERING MECHANICS	Lakeside High School DeKalb / Tania Murphy	<b>S3824</b>
Kindell, Tymasha-Elizabeth	12th SR div	☑	<i>Electrospinning Graphene Based Skin Grafts for Burn Wounds</i>	BIOMEDICAL & HEALTH SCIENCES	Rockdale Magnet School / Tyrone Huebsch	<b>S2923</b>
Kirkwood, Emily	11th SR div	☑	<i>The Effect of Bioremediation on Fracking to Reduce Acid Drainage</i>	EARTH & ENVIRONMENTAL	Rockdale Magnet School / Scott Robinson	<b>S3310</b>
Kirschner, Caitlyn	8th JR div	☑	<i>Classifying Cancer Using Machine Learning</i>	ROBOTICS & INTELLIGENT MACHINES	The King's Academy / Kim Pfaller	<b>J1803</b>

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Kishore, Krishi	11th SR div	<input checked="" type="checkbox"/>	<i>RadioWrite: Rapid Machine Learning Approach to Radiology Analysis</i>	COMPUTATIONAL BIOLOGY &	Lambert High School / Janet Standeven	<b>S3108</b>
Klinger, Tyler	7th JR div	<input checked="" type="checkbox"/>	<i>Sound Pollution Proof Sonar</i>	ENVIRONMENTAL ENGINEERING	Whitewater Middle School / Jennifer Joiner	<b>J1210</b>
Knowles, Brittany	12th SR div	<input checked="" type="checkbox"/>	<i>A Study of Stream Health in a Suburban Setting</i>	EARTH & ENVIRONMENTAL	Rockdale Magnet School / Diana Kennen	<b>S3309</b>
Kogan, Veronica	10th SR div	<input checked="" type="checkbox"/>	<i>How Do Electric Eels Generate Voltage without Shocking Themselves</i>	ANIMAL SCIENCES	North Springs Charter High School / Ruth Stewart	<b>S2302</b>
Kolachina, Roshan	8th JR div	<input checked="" type="checkbox"/>	<i>Drive Awake</i>	COMPUTATIONAL BIOLOGY &	J. C. Booth Middle School / Kathleen Lanman	<b>J901</b>
Kong, Matthew	8th JR div	<input checked="" type="checkbox"/>	<i>Copper Aluminum Alloy</i>	MATERIALS SCIENCE	Crabapple Middle School / Christine Davidson	<b>J2115</b>
Kopel, Jonathan	11th SR div	<input type="checkbox"/>	<i>Mechanical Stresses on a Piezoelectric Material</i>	ENERGY: PHYSICAL	Dunwoody High School / Bradley Hendrickson	<b>S3604</b>
Kreisel, Aliza	8th JR div	<input checked="" type="checkbox"/>	<i>Think Clear!</i>	EARTH & ENVIRONMENTAL	Rambam Day School / Diane Robinson	<b>J1127</b>
Krznarich, Katie	11th SR div	<input checked="" type="checkbox"/>	<i>Testing the Antibacterial Properties of Various Metals</i>	BIOMEDICAL & HEALTH SCIENCES	Cambridge High School / Kathryn Paxton	<b>S2922</b>
Kumar, Asmi	10th SR div	<input checked="" type="checkbox"/>	<i>Predicting Poverty Using AI, Satellite Imagery &amp; Geospatial Data</i>	ENVIRONMENTAL ENGINEERING	Milton High School / Dr. Varsha Sonawane	<b>S3404</b>
Kyatham, Sohan	7th JR div	<input checked="" type="checkbox"/>	<i>Electronic Soil Moisture Sensor</i>	ENVIRONMENTAL ENGINEERING	DeSana Middle School / Michelle West	<b>J1218</b>
Laij, Tiffany	8th JR div	<input checked="" type="checkbox"/>	<i>How Does the Design of the Boat Affect Its Speed?</i>	PHYSICS & ASTRONOMY	Taylor Road Middle School / Nancy Lockwood	<b>J2213</b>
Lancaster, Brooke	9th SR div	<input checked="" type="checkbox"/>	<i>Burn Baby Burn</i>	CHEMISTRY	Thomas County Central High School / Meagan Bradshaw	<b>S4213</b>
Landrum, Emaley	8th JR div	<input checked="" type="checkbox"/>	<i>Back Talk, Front Talk</i>	BEHAVIORAL & SOCIAL SCIENCE	The Irish Gifted Academy / Marshall Kinnel	<b>J616</b>
Langelotti, Ila	11th SR div	<input checked="" type="checkbox"/>	<i>Development of Intelligent, Level-Sensing Colostomy Attachment</i>	EMBEDDED SYSTEMS	Harrison High School / Paulette Allard	<b>S3701</b>
Larson, Abby	7th JR div	<input checked="" type="checkbox"/>	<i>Cool Your Jets</i>	PHYSICS & ASTRONOMY	Warner Robins Middle School / Melanie Mann	<b>J2214</b>
Lavender, Lauren	11th SR div	<input type="checkbox"/>	<i>Do Phthalates in Makeup Inhibit the Growth of Yeast?</i>	BIOMEDICAL & HEALTH SCIENCES	Brookstone School / Jody Lumsden	<b>S2914</b>
Layton, Lexi	11th SR div	<input type="checkbox"/>	<i>The Effects of Agricultural Practices on Macroinvertebrates</i>	EARTH & ENVIRONMENTAL	Effingham College & Career Academy / Cecilia Zeigler	<b>S3324</b>
Le, Anthony	11th SR div	<input type="checkbox"/>	<i>The Effect of Decomposing Carbonates on Paint Fire-Retardancy</i>	CHEMISTRY	Parkview High School / Rylan Wade	<b>S4206</b>
Lee, Aiden	8th JR div	<input type="checkbox"/>	<i>Ciphers: A Modern Look at Cryptographic History</i>	SYSTEMS SOFTWARE	Chamblee Middle School / Jonathan Streich	<b>J1906</b>
Lee, Malachi	11th SR div	<input checked="" type="checkbox"/>	<i>Characterization of hMSCs by Target Lipidomic Profiling</i>	CELLULAR & MOLECULAR BIOLOGY	Therrell High School / Danielle Daniels	<b>S2508</b>
Lee, Sidney Orrin	6th JR div	<input checked="" type="checkbox"/>	<i>The "EGG"cellent Experiment</i>	CHEMISTRY	Hoboken Elementary School / Christy Peterson	<b>J2023</b>
Leonard, Christopher	8th JR div	<input checked="" type="checkbox"/>	<i>Sleep Walk</i>	SYSTEMS SOFTWARE	Chapel Hill Middle Douglasville / Christina Baxley	<b>J1903</b>
Leonora, Joshua	7th JR div	<input type="checkbox"/>	<i>Want Some Pi?</i>	SYSTEMS SOFTWARE	Hull Middle School / Carrie Sammons	<b>J1901</b>
Lesk, Camryn	7th JR div	<input type="checkbox"/>	<i>How Does Artificial Light Affect Plant Growth?</i>	EARTH & ENVIRONMENTAL	St. James Catholic School / Stephen Hotard	<b>J1108</b>
Lester, Temple	7th JR div	<input type="checkbox"/>	<i>The Impact of Light Pollution on Plants' Circadian Cycles</i>	PLANT SCIENCES	Midtown International School / Lisa Hammett	<b>J524</b>
Lewis, Emoni	12th SR div	<input checked="" type="checkbox"/>	<i>Blood Splatter Analysis</i>	ENGINEERING MECHANICS	Monroe Comprehensive High School / Danielle Windows	<b>S3808</b>
Li, William	9th SR div	<input type="checkbox"/>	<i>Increase Solar Cell Efficiency with Light Absorbing Nanomaterials</i>	ENERGY: PHYSICAL	Brookwood High School / Melissa Kim	<b>S3603</b>
Light, Tristen	11th SR div	<input checked="" type="checkbox"/>	<i>Reducing Pathogens at the Alley with Lysol</i>	MICROBIOLOGY	Jasper County High School / Elizabeth Proctor	<b>S2601</b>

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Lin, Brandon	8th JR div	<input checked="" type="checkbox"/>	<i>Aerodynamic Stall Prevention</i>	ENGINEERING MECHANICS	River Trail Middle School / Meghan DiMaggio	<b>J1607</b>
Lindquist, Gabby	7th JR div	<input checked="" type="checkbox"/>	<i>What Do You See?</i>	BEHAVIORAL & SOCIAL SCIENCE	Thomas County Middle School / Kimberly Simmons	<b>J601</b>
Lindsey, Adrianna	8th JR div	<input checked="" type="checkbox"/>	<i>Now You See Me</i>	BEHAVIORAL & SOCIAL SCIENCE	Aaron Cohn Middle School / Diane Carr	<b>J619</b>
Litt, Stephen	10th SR div	<input checked="" type="checkbox"/>	<i>PhaseV: Revealing the Protein Binding Moiety of EGCG Using 3D NMR</i>	BIOCHEMISTRY	Kennesaw Mountain High School / Angela Wood	<b>S2408</b>
Lockhart, Mary Jane	6th JR div	<input checked="" type="checkbox"/>	<i>Different Soil Types to Test Root Growth</i>	PLANT SCIENCES	Strong Rock Christian Academy / Lee Holland	<b>J503</b>
Lomax, D'atra	6th JR div	<input checked="" type="checkbox"/>	<i>Dirty Water Smackdown</i>	EARTH & ENVIRONMENTAL	Thomas County Middle School / Samantha Sturup	<b>J1104</b>
Long, Oliver	11th SR div	<input checked="" type="checkbox"/>	<i>Synthesis and Kinetically-Analyzed Saponification of Esters</i>	CHEMISTRY	Wheeler High School / Joel Howell	<b>S4202</b>
Lopez, Nathan	7th JR div	<input checked="" type="checkbox"/>	<i>Rate the Roof</i>	MATERIALS SCIENCE	Warner Robins Middle School / Melanie Mann	<b>J2105</b>
Lopez, Rachel	7th JR div	<input checked="" type="checkbox"/>	<i>Psychology of Color</i>	BEHAVIORAL & SOCIAL SCIENCE	Godley Station School / Carolyn Hoyman	<b>J621</b>
Lopez Warren, Magali	11th SR div	<input type="checkbox"/>	<i>The Effects of Agricultural Practices on Macroinvertebrates</i>	EARTH & ENVIRONMENTAL	Effingham College & Career Academy / Cecilia Zeigler	<b>S3324</b>
Lowe-Pedersen, Emilia	8th JR div	<input checked="" type="checkbox"/>	<i>Ciphers: A Modern Look at Cryptographic History</i>	SYSTEMS SOFTWARE	Chamblee Middle School / Jonathan Streich	<b>J1906</b>
Lu, Ashley	9th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Compost on the pH of Soil and Groundwater</i>	EARTH & ENVIRONMENTAL	Alpharetta High School / Jaime Duran	<b>S3320</b>
Luangxay, Alyssa	10th SR div	<input checked="" type="checkbox"/>	<i>How Does the Skin of Fruits Affect Bacterial Infections?</i>	MICROBIOLOGY	Woodland High School Stockbridge / Keron Gwaltney	<b>S2603</b>
Luna, Omar	11th SR div	<input checked="" type="checkbox"/>	<i>Is It Possible to Convert Water into Fuel?</i>	ENERGY: CHEMICAL	Americus-Sumter County High School / James Price	<b>S3503</b>
Lundy, Johnavon	11th SR div	<input checked="" type="checkbox"/>	<i>The Power of the Seebeck Effect</i>	PHYSICS & ASTRONOMY	Americus-Sumter County High School / Afrose Arshi	<b>S4405</b>
Maddox, Mekedric	11th SR div	<input checked="" type="checkbox"/>	<i>Including Safeguards to Reduce Microbes on Gameday</i>	MICROBIOLOGY	Jasper County High School / Elizabeth Proctor	<b>S2616</b>
Mahapatra, Samarth	7th JR div	<input checked="" type="checkbox"/>	<i>Fit-EZ Exercise App</i>	SYSTEMS SOFTWARE	Dodgen Middle School / David Gabel	<b>J1904</b>
Maldonado, Ava	8th JR div	<input checked="" type="checkbox"/>	<i>Which Type of Worm Decomposes Organic Material the Fastest?</i>	EARTH & ENVIRONMENTAL	Union Grove Middle School / Mandy Smith	<b>J1117</b>
Malone, Chase	12th SR div	<input checked="" type="checkbox"/>	<i>Finding the On-Target Locations of Skin Cancer Defense Enzymes</i>	COMPUTATIONAL BIOLOGY &	Rockdale Magnet School / Shelley Seagraves	<b>S3104</b>
Malone, Terrance	10th SR div	<input checked="" type="checkbox"/>	<i>Do Men and Women Really See Things Differently?</i>	BEHAVIORAL & SOCIAL SCIENCE	Monroe Comprehensive High School / Shonda Pope	<b>S2810</b>
Manjunath, Ambika	10th SR div	<input checked="" type="checkbox"/>	<i>Effects of Physiochemical Properties of Antibiotics on Bacteria</i>	MICROBIOLOGY	Gwinnett School of Mathematics, Science &	<b>S2614</b>
Mann, Casey	7th JR div	<input checked="" type="checkbox"/>	<i>Gravel vs Plastic</i>	MATERIALS SCIENCE	Warner Robins Middle School / Melanie Mann	<b>J2121</b>
Mann, Casidy	7th JR div	<input checked="" type="checkbox"/>	<i>Let's Get to the Root of the Problem</i>	PLANT SCIENCES	Warner Robins Middle School / Melanie Mann	<b>J512</b>
Mansfield, Travis	10th SR div	<input checked="" type="checkbox"/>	<i>The Magic of Glowing Bacteria</i>	MICROBIOLOGY	Americus-Sumter County High School / Afrose Arshi	<b>S2615</b>
Marcus, Sarah	8th JR div	<input checked="" type="checkbox"/>	<i>Age vs Gender Stereotypes</i>	BEHAVIORAL & SOCIAL SCIENCE	Chamblee Middle School / Jonathan Streich	<b>J623</b>
Marecheau-Miller, Taesha	9th SR div	<input checked="" type="checkbox"/>	<i>A Robotic Hand Capable of Playing a Song</i>	ROBOTICS & INTELLIGENT MACHINES	Woodland High School Stockbridge / Suzanne Scudder	<b>S4006</b>
Marfell, Rylee	7th JR div	<input checked="" type="checkbox"/>	<i>Radical Radiation</i>	PLANT SCIENCES	Bonaire Middle School / Shannon Sanders	<b>J523</b>
Marin, Naomi	6th JR div	<input checked="" type="checkbox"/>	<i>Males vs Females: Which Gender Measures Most Accurately?</i>	BEHAVIORAL & SOCIAL SCIENCE	Arnold Magnet Academy / Hope Snead	<b>J610</b>
Markley, Alexa	10th SR div	<input checked="" type="checkbox"/>	<i>The Effects of UV Light on Yeast Colony Growth</i>	MICROBIOLOGY	McIntosh High School / Seth Bishop	<b>S2610</b>

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Mason, Caeden	12th SR div	<input checked="" type="checkbox"/>	<i>Effects of Pulling Forces on Roof Shingles</i>	PHYSICS & ASTRONOMY	Monroe Area High School / Gino Elia	<b>S4410</b>
Mavalayants, Alex	8th JR div	<input checked="" type="checkbox"/>	<i>Copper Aluminum Alloy</i>	MATERIALS SCIENCE	Crabapple Middle School / Christine Davidson	<b>J2115</b>
May, Madeline	8th JR div	<input checked="" type="checkbox"/>	<i>Which Water Filter Is Most Effective at Clearing Particulates?</i>	ENVIRONMENTAL ENGINEERING	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J1213</b>
May, Madelyn	8th JR div	<input checked="" type="checkbox"/>	<i>Decisive Disinfectants</i>	ANIMAL SCIENCES	T. J. Elder Middle School / Nicki Coneway	<b>J103</b>
McCants, Wade	10th SR div	<input checked="" type="checkbox"/>	<i>P&amp;W Automated Pill Organizer</i>	ENGINEERING MECHANICS	Lithia Springs High School / Patrick Krouba	<b>S3807</b>
McIntyre, Kennedy	10th SR div	<input checked="" type="checkbox"/>	<i>Digging in with Hormones</i>	PLANT SCIENCES	Warner Robins High School / Dr. Veronica Sanders	<b>S2702</b>
McKelvey, Jayce	8th JR div	<input type="checkbox"/>	<i>Ocean Acidification</i>	EARTH & ENVIRONMENTAL	Twin Rivers Middle School / Anna Herdliska	<b>J1105</b>
McNeal, Taylor	10th SR div	<input checked="" type="checkbox"/>	<i>Biodegradable Straw</i>	ENVIRONMENTAL ENGINEERING	Harrison High School / Paulette Allard	<b>S3406</b>
Medina, Jacqueline	8th JR div	<input checked="" type="checkbox"/>	<i>Alka-SKYzers</i>	ENERGY: PHYSICAL	W. R. Coile Middle School / Charles Myers	<b>J1409</b>
Meeler, Sydney	12th SR div	<input checked="" type="checkbox"/>	<i>Division in Yeast Cells After Exposure to Ethylene Glycol</i>	MICROBIOLOGY	Eastside High School / Elizabeth Proffitt	<b>S2607</b>
Mehta, Dipen	12th SR div	<input checked="" type="checkbox"/>	<i>Neurogenic Differentiation of DP Stem Cells on PLA Scaffolds</i>	BIOMEDICAL ENGINEERING	Walton High School / Tobie Hendricks	<b>S3003</b>
Melton, Briana	8th JR div	<input checked="" type="checkbox"/>	<i>Bunsen Burner vs Heat Shield</i>	PHYSICS & ASTRONOMY	Aaron Cohn Middle School / Diane Carr	<b>J2208</b>
Menon, Parvati	11th SR div	<input checked="" type="checkbox"/>	<i>Remote Monitoring Drip Irrigation with Microcircuits &amp; Sensors</i>	ENVIRONMENTAL ENGINEERING	Lambert High School / Jessica Ventre	<b>S3407</b>
Mentzel, Carter	8th JR div	<input checked="" type="checkbox"/>	<i>Water Filtration in the Wild</i>	ENVIRONMENTAL ENGINEERING	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J1206</b>
Menzie, Sydney	6th JR div	<input checked="" type="checkbox"/>	<i>The Portable Pulley-Up</i>	ENGINEERING MECHANICS	Atlanta Girls School / Lisa Rios	<b>J1601</b>
Mepani, Deeya	7th JR div	<input checked="" type="checkbox"/>	<i>Recollection: Paper vs Digital</i>	BEHAVIORAL & SOCIAL SCIENCE	Malcom Bridge Middle School / Abby Thurston	<b>J604</b>
Metzler Concepción, Joseph	10th SR div	<input checked="" type="checkbox"/>	<i>Remote Drone Delivery System</i>	ENGINEERING MECHANICS	McIntosh High School / Seth Bishop	<b>S3818</b>
Michael, Sam	8th JR div	<input checked="" type="checkbox"/>	<i>How's the Weather Up There Fast People?</i>	PHYSICS & ASTRONOMY	Hilsman Middle School / Diarra Mosley	<b>J2209</b>
Mims, Sydney	7th JR div	<input type="checkbox"/>	<i>Fact or Fiction: CNM Affects Dogs</i>	ANIMAL SCIENCES	The STEM Academy at Bartlett / Kaleena Jedinak	<b>J106</b>
Minix, Macey	7th JR div	<input checked="" type="checkbox"/>	<i>Does Price Matter When It Comes to Dry Eye Therapy</i>	BIOMEDICAL & HEALTH SCIENCES	Bonaire Middle School / Shannon Sanders	<b>J705</b>
Mistry, Monica	6th JR div	<input type="checkbox"/>	<i>Are Household Detergents a More Effective DNA Extraction Buffer?</i>	CELLULAR & MOLECULAR BIOLOGY	Henderson Middle School / Nancy Burch	<b>J305</b>
Mithani, Safeer	10th SR div	<input type="checkbox"/>	<i>Waste Heat Conservation and Utilization on Stirling Engines</i>	ENGINEERING MECHANICS	Gwinnett School of Mathematics, Science &	<b>S3803</b>
Mitra, Arjun	6th JR div	<input checked="" type="checkbox"/>	<i>The pH Effect</i>	CHEMISTRY	Sutton Middle School / Fannie Phillips-Bennett	<b>J2036</b>
Mittal, Somya	11th SR div	<input checked="" type="checkbox"/>	<i>Transcriptome Analysis of CXCL13/CXCR5 in DLBCL</i>	BIOMEDICAL & HEALTH SCIENCES	Northview High School / Rebecca Bingham	<b>S2908</b>
Mock, Patrick	9th SR div	<input checked="" type="checkbox"/>	<i>Does Surface Roughness Affect the Hold Strength of Dry Adhesives?</i>	MATERIALS SCIENCE	Statesboro High School / Richard McCombs	<b>S4315</b>
Moodie, Sydney	10th SR div	<input checked="" type="checkbox"/>	<i>The Phytoremediation of Trace Metals Using Eichhornia crassipes</i>	PLANT SCIENCES	Rockdale Magnet School / Scott Robinson	<b>S2701</b>
Moore, Adrainne	7th JR div	<input checked="" type="checkbox"/>	<i>Do Different Ingredients Affect a Cupcake's Size?</i>	CHEMISTRY	Fort Middle School / Esperanza Hood	<b>J2008</b>
Moore, Austin	10th SR div	<input type="checkbox"/>	<i>Gender Recognition with Audio Files</i>	SYSTEMS SOFTWARE	Gwinnett School of Mathematics, Science &	<b>S4104</b>
Moore, Casey	9th SR div	<input type="checkbox"/>	<i>The Clothing Waste Conundrum</i>	ENVIRONMENTAL ENGINEERING	Archer High School / Lauren Ferguson	<b>S3403</b>

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Moore, Joshua	9th SR div	☑	<i>Blue Light Blockade</i>	PHYSICS & ASTRONOMY	Rutland High School / Julie Scott	<b>S4402</b>
Moran, Brayden	6th JR div	☑	<i>Can Mints or Mint Flavored Products Cool Down Hot Water?</i>	CHEMISTRY	Chapel Hill Middle Douglasville / Tina Moran	<b>J2021</b>
Morgan, Isabella	8th JR div	☑	<i>Are You Sold on Using Your Bats in the Cold?</i>	MATERIALS SCIENCE	Hilsman Middle School / Diarra Mosley	<b>J2104</b>
Muller, Kelsey	8th JR div	☑	<i>Does Color Affect Plant Growth?</i>	PLANT SCIENCES	Freedom Middle School Canton / Robert Motika	<b>J515</b>
Mullis, Jade	6th JR div	☑	<i>Suds or Duds: Homemade Detergent vs Store Bought Detergent</i>	ENVIRONMENTAL ENGINEERING	Putnam County Middle School / Ashley Stancill	<b>J1208</b>
Munagapati, Sweta	12th SR div	☑	<i>A Novel, Biodegradable Design for the Removal of Lead from Water</i>	ENGINEERING MECHANICS	South Forsyth High School / Melissa Smith	<b>S3802</b>
Muppidi, Srikar	11th SR div	☑	<i>Effect of Dietary Fatty Acids on the Progression of Renal Cancer</i>	CELLULAR & MOLECULAR BIOLOGY	Northview High School / Rebecca Bingham	<b>S2504</b>
Murphree, Addie	7th JR div	☑	<i>Boom Chick a Wow</i>	ANIMAL SCIENCES	Early County Middle School / Kim Crowdis	<b>J104</b>
Nabatanzi, Ssinzi	11th SR div	☑	<i>How Magnetic Field Lines Affect the Rate of Flow of Water</i>	PHYSICS & ASTRONOMY	Brandon Hall School / Alexander Pike	<b>S4401</b>
Nainwal, Shruti	8th JR div	☐	<i>Age vs Gender Stereotypes</i>	BEHAVIORAL & SOCIAL SCIENCE	Chamblee Middle School / Jonathan Streich	<b>J623</b>
Nair, Arya	8th JR div	☑	<i>Wi-Fi Amplifier</i>	ENGINEERING MECHANICS	DeSana Middle School / Stacey Hannel	<b>J1614</b>
Nam, Anna	10th SR div	☑	<i>Effects of EM Wavelength on Salivary Melatonin and Sleep Quality</i>	BIOMEDICAL & HEALTH SCIENCES	McIntosh High School / Seth Bishop	<b>S2909</b>
Nangle, Cole	12th SR div	☑	<i>A Novel Innovation and Universal Model for the Redox Flow Battery</i>	ENVIRONMENTAL ENGINEERING	Rockdale Magnet School / Tyrone Huebsch	<b>S3408</b>
Naren, Nithin	11th SR div	☐	<i>Utilizing USPIO Nanoparticles to End the Obesity Crisis</i>	BIOMEDICAL & HEALTH SCIENCES	Gwinnett School of Mathematics, Science &	<b>S2904</b>
Narsinghani, Ishaan	9th SR div	☑	<i>Behind the Smile - Impact of Orthodontic Device on Dental Caries</i>	BIOMEDICAL & HEALTH SCIENCES	Stratford Academy / Susan Hanberry	<b>S2912</b>
Nash, Skye	11th SR div	☑	<i>The Root to DNA Analysis</i>	CELLULAR & MOLECULAR BIOLOGY	Newton College & Career Academy / Laura Lambert	<b>S2505</b>
Nayak, Milan	11th SR div	☐	<i>Organoid Nutrition Using NPG as a Dynamic Collagen Analogue</i>	CHEMISTRY	Gwinnett School of Mathematics, Science &	<b>S4208</b>
Nazarali, Kiran	11th SR div	☑	<i>Microsatellite Instable Tumors Display Greater Immunosurveillance</i>	CELLULAR & MOLECULAR BIOLOGY	Chestatee High School / Darlenny Lizardo	<b>S2503</b>
Negrete, Oscar	10th SR div	☑	<i>Solubility of Drugs</i>	BIOCHEMISTRY	Morrow High School / Mindy Hudson	<b>S2407</b>
Nelson, Taraya	7th JR div	☐	<i>Is Your School Really Safe</i>	CELLULAR & MOLECULAR BIOLOGY	Coastal Middle School / Olivia Fine	<b>J302</b>
Nestale, Jackson	7th JR div	☑	<i>Weight For It...</i>	PHYSICS & ASTRONOMY	Thomas County Middle School / Kimberly Simmons	<b>J2206</b>
Nevarez-Sanchez, Wendy	11th SR div	☑	<i>Muscle Activity and Energetic Adaptation to Step Frequency</i>	BIOMEDICAL ENGINEERING	South Atlanta High School / Andrea Pendergrass	<b>S3004</b>
Ngo, Jennifer	10th SR div	☑	<i>How Does the Skin of Fruits Affect Bacterial Infections?</i>	MICROBIOLOGY	Woodland High School Stockbridge / Keron Gwaltney	<b>S2603</b>
Nguyen, Annie	9th SR div	☑	<i>Column Chromatography: Separating the Dyes in Grape Soda</i>	BIOCHEMISTRY	Morrow High School / Mindy Hudson	<b>S2401</b>
Nguyen, David	10th SR div	☑	<i>Floatao Chip Life Vest: The Making of Affordable Life Vests</i>	ENVIRONMENTAL ENGINEERING	Dutchtown High School / Yamini Mital	<b>S3409</b>
Nguyen, Leann	7th JR div	☐	<i>The Effects of Acidification on Dinocardium robustum</i>	EARTH & ENVIRONMENTAL	Coastal Middle School / Olivia Fine	<b>J1123</b>
Nguyen, Mai	10th SR div	☑	<i>Solubility of Drugs</i>	BIOCHEMISTRY	Morrow High School / Mindy Hudson	<b>S2407</b>
Nguyen, Michael	12th SR div	☑	<i>Laptop Complexity and Stability Under Cosmic Radiation</i>	PHYSICS & ASTRONOMY	South Forsyth High School / Melissa Smith	<b>S4404</b>
Nguyen, Sarah	11th SR div	☐	<i>The Effect of Decomposing Carbonates on Paint Fire-Retardancy</i>	CHEMISTRY	Parkview High School / Rylan Wade	<b>S4206</b>



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Nguyen, Tammy	8th JR div	☑	<i>How Does the Design of the Boat Affect Its Speed?</i>	PHYSICS & ASTRONOMY	Taylor Road Middle School / Nancy Lockwood	<b>J2213</b>
Nguyen, Tommy	12th SR div	☑	<i>Application of pH-Responsive Nanogels for Targeted Drug Delivery</i>	BIOMEDICAL & HEALTH SCIENCES	Rockdale Magnet School / Tyrone Huebsch	<b>S2905</b>
Nguyen, Vienna	8th JR div	☑	<i>Filter It!</i>	EARTH & ENVIRONMENTAL	Dutchtown Middle School / Debbie Sechrist	<b>J1110</b>
Nipper, Evan	8th JR div	☑	<i>Cutting Carbon</i>	ENVIRONMENTAL ENGINEERING	Putnam County Middle School / Elizabeth Pratt	<b>J1216</b>
Nixon, Carly	10th SR div	☑	<i>The Effects of UV Light on Yeast Colony Growth</i>	MICROBIOLOGY	McIntosh High School / Seth Bishop	<b>S2610</b>
Noel, Brianna	12th SR div	☑	<i>Determination of the Biological Processes in Galleria mellonella</i>	ANIMAL SCIENCES	Paulding County High School / Marc Pedersen	<b>S2308</b>
Noorani, Arshi Karim	10th SR div	☑	<i>Salts Add Color to My Life</i>	CHEMISTRY	Fayette County High School / Shane Kuykendall	<b>S4209</b>
Nori, Divya	11th SR div	☑	<i>Hero: Automated Detection System for Prescription Drug Overdose</i>	TRANSLATIONAL MEDICAL SCIENCE	Milton High School / Dr. Varsha Sonawane	<b>S3201</b>
Nori, Navya	7th JR div	☑	<i>Intellidose: Model &amp; App to Reduce Antibiotic Resistance</i>	TRANSLATIONAL MEDICAL SCIENCE	Fulton Science Academy / Julianne Oliver	<b>J1001</b>
Norton, Miah	6th JR div	☑	<i>Which Brand of Glue Makes the Best Slime?</i>	ENERGY: CHEMICAL	Creekland Middle School Canton / Elizabeth Huffaker	<b>J1305</b>
Norwood, Daylan	11th SR div	☑	<i>Is Shell Swap Based on Aesthetics or Functionality?</i>	ANIMAL SCIENCES	Jasper County High School / Elizabeth Proctor	<b>S2311</b>
O'Connor, Mackenzie	11th SR div	☑	<i>The Effect of Algae Species on Crude Oil</i>	EARTH & ENVIRONMENTAL	Woodstock High School / Anna Grantham	<b>S3322</b>
Oliver, Caroline	10th SR div	☑	<i>Safe Skin</i>	COMPUTATIONAL BIOLOGY &	Riverwood International Charter School / Lakshmi	<b>S3101</b>
Oliver, Hannah	7th JR div	☑	<i>Recapture</i>	BEHAVIORAL & SOCIAL SCIENCE	Arts & Innovation Magnet Program / McKendree Ramsell	<b>J605</b>
Olsen, Christine	8th JR div	☐	<i>What Is the Safest Way to Cook Chicken?</i>	MICROBIOLOGY	Henderson Middle School / Nwakaego Okafor	<b>J412</b>
Omogrebe, Osamudia	11th SR div	☑	<i>The Root to DNA Analysis</i>	CELLULAR & MOLECULAR BIOLOGY	Newton College & Career Academy / Laura Lambert	<b>S2505</b>
Omorogbe, Eseosa	6th JR div	☐	<i>Trees: Living Vacuums</i>	PLANT SCIENCES	Snellville Middle School / Tiffany Fortner	<b>J525</b>
Orndorff, Annabella	9th SR div	☑	<i>What's the Dirt on the Worms?</i>	PLANT SCIENCES	Starr's Mill High School / Kelly Rock	<b>S2708</b>
Orona Castro, Ana Sofia	10th SR div	☑	<i>Can Artificial Intelligence Create Original and Convincing Art?</i>	SYSTEMS SOFTWARE	Griffin High School / Jessica Hamby	<b>S4102</b>
Osborne, Lillie	11th SR div	☑	<i>The Effect of Omega-3 Fatty Acids on C. elegans Modeling Stroke</i>	TRANSLATIONAL MEDICAL SCIENCE	Woodstock High School / Anna Grantham	<b>S3203</b>
Osburn, Malissa	7th JR div	☑	<i>Psychology of Color</i>	BEHAVIORAL & SOCIAL SCIENCE	Godley Station School / Carolyn Hoyman	<b>J621</b>
Ottlik, Berkan	11th SR div	☑	<i>A Navigation Headset Using Machine Learning for the Sightless</i>	SYSTEMS SOFTWARE	Northview High School / Rebecca Bingham	<b>S4101</b>
Padgett, Ashlyn	12th SR div	☑	<i>The Use of Orthoporus texicolens for Extraction of HNL Enzymes</i>	BIOCHEMISTRY	Paulding County High School / Marc Pedersen	<b>S2403</b>
Page, Amelia	10th SR div	☑	<i>The Phytoremediation of Trace Metals Using Eichhornia crassipes</i>	PLANT SCIENCES	Rockdale Magnet School / Scott Robinson	<b>S2701</b>
Paknikar, Aditi	11th SR div	☑	<i>Testing the Antibacterial Properties of Various Metals</i>	BIOMEDICAL & HEALTH SCIENCES	Cambridge High School / Kathryn Paxton	<b>S2922</b>
Pallamreddy, Srihith	11th SR div	☑	<i>The Benefits of Facial Recognition Software in Drones</i>	ROBOTICS & INTELLIGENT MACHINES	Alpharetta High School / Martin Muhammad	<b>S4004</b>
Parham, EmmaJo	8th JR div	☐	<i>Switch Your Switch</i>	MICROBIOLOGY	Putnam County Middle School / Elizabeth Pratt	<b>J409</b>
Pari Jain, Chandni	11th SR div	☐	<i>Emergency Escape: Kangaroo Emergency Wheelchair Escape Device</i>	ENGINEERING MECHANICS	Peachtree Ridge High School / Michael Crawford	<b>S3813</b>
Park, Shinyoung	10th SR div	☑	<i>Effect of Amount of Plastic Wraps on the Decay Mass of Apples</i>	CHEMISTRY	Statesboro High School / Richard McCombs	<b>S4216</b>

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Parker, Madison	8th JR div	<input checked="" type="checkbox"/>	Zapping Zits	BIOMEDICAL & HEALTH SCIENCES	T. J. Elder Middle School / Nicki Coneway	<b>J710</b>
Parkerson, Paige	7th JR div	<input checked="" type="checkbox"/>	Exit Xerostomia	CHEMISTRY	Thomas County Middle School / Kimberly Simmons	<b>J2005</b>
Parthasarathy, Keshav	10th SR div	<input type="checkbox"/>	Gender Recognition with Audio Files	SYSTEMS SOFTWARE	Gwinnett School of Mathematics, Science &	<b>S4104</b>
Patel, Dhruv	7th JR div	<input checked="" type="checkbox"/>	Break the Ice	CHEMISTRY	Feagin Mill Middle School / Brittany Smith	<b>J2022</b>
Patel, Diya	10th SR div	<input type="checkbox"/>	Utilizing Soybeans to Decrease Protein Deficiency in India	BIOMEDICAL & HEALTH SCIENCES	Effingham College & Career Academy / Amanda Conner	<b>S2924</b>
Patel, Ishaan	6th JR div	<input type="checkbox"/>	Is It Possible to Stop a Vehicle Using a Color Sensor?	ENGINEERING MECHANICS	Dacula Middle School / Melissa Miller	<b>J1603</b>
Patel, Katha	8th JR div	<input type="checkbox"/>	Investigating the Blue Light of Luminol	CHEMISTRY	Shiloh Middle School / Dr. Mia Jones	<b>J2016</b>
Patel, Krish	8th JR div	<input checked="" type="checkbox"/>	Can We Engineer a Magnetically Propelled Cart?	ENGINEERING MECHANICS	Union Grove Middle School / Mandy Smith	<b>J1610</b>
Patel, Misha	8th JR div	<input checked="" type="checkbox"/>	Imp-Act Toothpaste	BIOMEDICAL ENGINEERING	Dodgen Middle School / Tia Bryller	<b>J801</b>
Patel, Niel	12th SR div	<input checked="" type="checkbox"/>	Sustainable Energy Generation Using a B. subtilis MFC	ENVIRONMENTAL ENGINEERING	Paulding County High School / Marc Pedersen	<b>S3415</b>
Patel, Om	8th JR div	<input checked="" type="checkbox"/>	Glowing with Luminol	CHEMISTRY	Taylor Road Middle School / Nancy Lockwood	<b>J2004</b>
Patel, Payal	8th JR div	<input type="checkbox"/>	Mobile Gas Leakage Detection with an Arduino Microcontroller	ENVIRONMENTAL ENGINEERING	Dacula Middle School / Jennifer Sevier	<b>J1212</b>
Patel, Prithvi	8th JR div	<input checked="" type="checkbox"/>	Comparing Cloned and Parent Plants for Growth Rate and Health	PLANT SCIENCES	Early County Middle School / Dr. Charla Allen	<b>J511</b>
Patel, Vishva	6th JR div	<input type="checkbox"/>	Harvesting Energy from Fruit	ENERGY: CHEMICAL	Shiloh Middle School / Pamela Wynn-Price	<b>J1304</b>
Paterson, Caleb	8th JR div	<input checked="" type="checkbox"/>	The Effects of Magnetic Fields on Aquaponics	PLANT SCIENCES	General Ray Davis Middle School / Caroline Snell	<b>J509</b>
Pathakamuri, Ajay	11th SR div	<input checked="" type="checkbox"/>	Impact of Omega-3 Fish Oils on Fecal Coliform Proliferation	BIOMEDICAL & HEALTH SCIENCES	Columbus High School / Laura Solomons	<b>S2916</b>
Pathakamuri, Tanay	8th JR div	<input checked="" type="checkbox"/>	How Is Bacterial Resistance Affected by Different Disinfectants?	MICROBIOLOGY	Blackmon Road Middle School / Kimberly Udy	<b>J406</b>
Paul, Cayden	6th JR div	<input type="checkbox"/>	The Gridiron Grind	MATHEMATICS	Lanier Middle School / Holly Hall	<b>J1703</b>
Payne, Aryana	12th SR div	<input checked="" type="checkbox"/>	Finding Sugar Content with Lasers	PHYSICS & ASTRONOMY	Winder-Barrow High School / Libby Myers	<b>S4406</b>
Peerani, Azlaan	8th JR div	<input checked="" type="checkbox"/>	Sparks in Water	ENERGY: PHYSICAL	J. C. Booth Middle School / Tamara Pakulski	<b>J1406</b>
Peltier, Kayla	7th JR div	<input type="checkbox"/>	Sun-Light Food	ENGINEERING MECHANICS	Dekalb Elementary School of Arts / Shayla Brown	<b>J1628</b>
Pemu, Karena	10th SR div	<input checked="" type="checkbox"/>	Effects of EM Wavelength on Salivary Melatonin and Sleep Quality	BIOMEDICAL & HEALTH SCIENCES	McIntosh High School / Seth Bishop	<b>S2909</b>
Peng, Kathy	8th JR div	<input checked="" type="checkbox"/>	Are E-Liquids Contaminated with Harmful Bacteria?	MICROBIOLOGY	The Westminster Schools / Gary Jones	<b>J411</b>
Perez, Jordan	12th SR div	<input checked="" type="checkbox"/>	ADH Gene on Alcohol Use Disorder in D. melanogaster	BIOMEDICAL & HEALTH SCIENCES	Paulding County High School / Marc Pedersen	<b>S2917</b>
Peters, Breanna	12th SR div	<input checked="" type="checkbox"/>	Effects of Pulling Forces on Roof Shingles	PHYSICS & ASTRONOMY	Monroe Area High School / Gino Elia	<b>S4410</b>
Pettit, Abbey	9th SR div	<input type="checkbox"/>	Going Green As You Clean	EARTH & ENVIRONMENTAL	Washington County High School / Ashley Broxton	<b>S3305</b>
Pevey, Sophie	7th JR div	<input type="checkbox"/>	Which Bridge Is the Strongest?	ENGINEERING MECHANICS	Coastal Middle School / Olivia Fine	<b>J1625</b>
Picheta, Zachary	8th JR div	<input type="checkbox"/>	Which Bait Works Best for a Homemade Fly Trap?	ANIMAL SCIENCES	Chamblee Middle School / Christina Reyes	<b>J107</b>
Pitman, Emma	6th JR div	<input checked="" type="checkbox"/>	Are Our Tastebuds Colorblind?	BEHAVIORAL & SOCIAL SCIENCE	Russell Middle School / Lori Cates	<b>J607</b>

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Pittman, Brayden	8th JR div	<input checked="" type="checkbox"/>	<i>How to Build a Reed Switch Motor</i>	ENGINEERING MECHANICS	Brentwood School / Cindy Moore	<b>J1616</b>
Plower, Isabel	12th SR div	<input checked="" type="checkbox"/>	<i>The Effect of the FAS II Pathway on Agro-Industrial Waste</i>	ENERGY: CHEMICAL	Woodstock High School / Anna Grantham	<b>S3506</b>
Polk, Riley Jo	8th JR div	<input type="checkbox"/>	<i>Let It Grow</i>	PLANT SCIENCES	Citizens Christian Academy / Rose Suttles	<b>J526</b>
Postel, Isabella	8th JR div	<input checked="" type="checkbox"/>	<i>Which Acidic Substance Best Contributes to Basil Plant Growth?</i>	PLANT SCIENCES	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J508</b>
Powers, Scott	11th SR div	<input checked="" type="checkbox"/>	<i>Computer Vision Based 3D Printing Error Detection</i>	ROBOTICS & INTELLIGENT MACHINES	Oak Mountain Academy / Marla Dugan	<b>S4005</b>
Prabu, Aadhav	10th SR div	<input checked="" type="checkbox"/>	<i>SPF ICE: An Approach to Increase Reflectivity of Glaciers</i>	EARTH & ENVIRONMENTAL	Chattahoochee High School / Matthew Mihordea	<b>S3308</b>
Prahalad, Vaishali	8th JR div	<input checked="" type="checkbox"/>	<i>Effect of Ocean Acidification on Marine Calcium Carbonate</i>	CHEMISTRY	River Trail Middle School / Meghan DiMaggio	<b>J2026</b>
Presley, Clayton	11th SR div	<input checked="" type="checkbox"/>	<i>The Invasion of Microbes on Neighborhood Shopping Carts!</i>	MICROBIOLOGY	Jasper County High School / Elizabeth Proctor	<b>S2617</b>
Pucha, Saitheja	11th SR div	<input type="checkbox"/>	<i>Immunomodulation of Primary Mouse TCells by Probiotic Metabolites</i>	CELLULAR & MOLECULAR BIOLOGY	Lakeside High School DeKalb / Tania Murphy	<b>S2507</b>
Pumel, Annemarie	7th JR div	<input checked="" type="checkbox"/>	<i>Cockadoodle Calcium</i>	ANIMAL SCIENCES	Bonaire Middle School / Shannon Sanders	<b>J102</b>
Purbey, Saksham	11th SR div	<input checked="" type="checkbox"/>	<i>The Benefits of Facial Recognition Software in Drones</i>	ROBOTICS & INTELLIGENT MACHINES	Alpharetta High School / Martin Muhammad	<b>S4004</b>
Rachwalski, Nathan	10th SR div	<input checked="" type="checkbox"/>	<i>Can You Predict the NFL Draft from Combine Events?</i>	MATHEMATICS	Henry W. Grady High School / Dr. Jormell Cofield	<b>S3903</b>
Raffield, Emily	7th JR div	<input checked="" type="checkbox"/>	<i>Rust or Bust</i>	CHEMISTRY	Thomasville City Scholars Academy / Robert Peterson	<b>J2012</b>
Rager, Susanna	8th JR div	<input checked="" type="checkbox"/>	<i>It's a Par-Tea!</i>	CHEMISTRY	Fairplay Middle School / Noelle Belaski	<b>J2019</b>
Rai, Susan	10th SR div	<input type="checkbox"/>	<i>Which Surface Is the Dirtiest?</i>	MICROBIOLOGY	Stone Mountain High School / Jacquelyn Thomas	<b>S2622</b>
Rakestraw, Ryan	7th JR div	<input checked="" type="checkbox"/>	<i>Designing and Creating a Sensor to Reduce SUDEP</i>	ENGINEERING MECHANICS	General Ray Davis Middle School / Caroline Snell	<b>J1622</b>
Ramesh, Shreya	12th SR div	<input checked="" type="checkbox"/>	<i>Identification of Auditory Biomarkers for Neurological Disorders</i>	BEHAVIORAL & SOCIAL SCIENCE	Milton High School / Dr. Varsha Sonawane	<b>S2811</b>
Ramos-Jackson, Victoria	6th JR div	<input checked="" type="checkbox"/>	<i>Lead Along Roadways: Which Has More?</i>	EARTH & ENVIRONMENTAL	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J1115</b>
Randolf , Ansleigh	8th JR div	<input checked="" type="checkbox"/>	<i>Rev Your Engine</i>	ENERGY: PHYSICAL	Montgomery County Middle School / Elizabeth Adams	<b>J1413</b>
Rangel, Ana	9th SR div	<input checked="" type="checkbox"/>	<i>Chemistry of Ice Cream</i>	CHEMISTRY	Morrow High School / Mindy Hudson	<b>S4212</b>
Rao, Diya	9th SR div	<input checked="" type="checkbox"/>	<i>Social Behavior Among Male Callosobruchus maculatus</i>	ANIMAL SCIENCES	Eagle's Landing High School / Dr. Pansy Forrester	<b>S2305</b>
Ratmeyer, Eleanor	9th SR div	<input checked="" type="checkbox"/>	<i>An Erie Situation: Swimmers Ear</i>	MICROBIOLOGY	Dutchtown High School / Myesha McCullan	<b>S2606</b>
Ray, Carpenter	7th JR div	<input checked="" type="checkbox"/>	<i>Sound Pollution Proof Sonar</i>	ENVIRONMENTAL ENGINEERING	Whitewater Middle School / Jennifer Joiner	<b>J1210</b>
Razi, Khatija	10th SR div	<input checked="" type="checkbox"/>	<i>Old Is Gold: Sitting vs Squatting</i>	BIOMEDICAL & HEALTH SCIENCES	Americus-Sumter County High School / Afrose Arshi	<b>S2915</b>
Reddi, Ruthvij	9th SR div	<input checked="" type="checkbox"/>	<i>Organic Tea Bags: Is It Possible?</i>	ENGINEERING MECHANICS	Columbus High School / Laura Solomons	<b>S3805</b>
Reddy, Rohan	7th JR div	<input checked="" type="checkbox"/>	<i>Shark vs Dolphin</i>	SYSTEMS SOFTWARE	Inman Middle School / Nia Cannon	<b>J1907</b>
Reece, Gavin	7th JR div	<input checked="" type="checkbox"/>	<i>Can You Balance Deforestation Using Arduino Based Drones?</i>	ENGINEERING MECHANICS	General Ray Davis Middle School / Caroline Snell	<b>J1604</b>
Reese, Carley	7th JR div	<input checked="" type="checkbox"/>	<i>Can Ferrofluid and Magnetism Solve Our Nation's Oil Spills?</i>	EARTH & ENVIRONMENTAL	Lee County Middle School West / Alda Thompson	<b>J1119</b>
Reese, Delaney	8th JR div	<input checked="" type="checkbox"/>	<i>Desertification in the Sahara Desert</i>	EARTH & ENVIRONMENTAL	Elite Scholars Academy Morrow / Janice Mitchell	<b>J1116</b>

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Reininger, Thomas	10th SR div	☑	<i>Effect of Sulfur Dioxide on Filamentous Algae Growth</i>	EARTH & ENVIRONMENTAL	Starr's Mill High School / Christie Jarret	<b>S3302</b>
Ren, Joy	11th SR div	☐	<i>The Effect of Decomposing Carbonates on Paint Fire-Retardancy</i>	CHEMISTRY	Parkview High School / Rylan Wade	<b>S4206</b>
Reynolds, Kellie	10th SR div	☑	<i>Contrast Sensitivity and Its Effects on Peripheral Vision</i>	BIOMEDICAL & HEALTH SCIENCES	Eastside High School / Elizabeth Proffitt	<b>S2903</b>
Reza, Nawal	11th SR div	☑	<i>Early-Onset Detection of Neural Disorders via Genetic Algorithms</i>	COMPUTATIONAL BIOLOGY &	Rockdale Magnet School / Shelley Seagraves	<b>S3106</b>
Rhee, Jessica	8th JR div	☑	<i>Utilizing Bacillariophyceae (Navicula) to Create Solar Energy</i>	MATERIALS SCIENCE	General Ray Davis Middle School / Caroline Snell	<b>J2108</b>
Rich, Cassie	12th SR div	☑	<i>The Effects of Caffeine on Locomotion and Reflexes</i>	BIOCHEMISTRY	Alexander High School / Debbie Rager	<b>S2405</b>
Riddick, Jared	6th JR div	☑	<i>Can Air Pollution Interfere with Solar Energy?</i>	EARTH & ENVIRONMENTAL	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J1101</b>
Riggins, Jakiara	12th SR div	☑	<i>Better Care for Type 1 Diabetics</i>	BIOMEDICAL & HEALTH SCIENCES	Americus-Sumter County High School / James Price	<b>S2906</b>
Rios, Mariana	10th SR div	☑	<i>Antibacterial Fabric: The Effects of Natural Oil on E. coli</i>	MATERIALS SCIENCE	Rockdale Magnet School / Tyrone Huebsch	<b>S4304</b>
Riouch, Lilya	10th SR div	☐	<i>The Influence of Sugar on Adolescent Organisms</i>	ANIMAL SCIENCES	Peachtree Ridge High School / Corey Wellmaker	<b>S2304</b>
Rizvi, Leena	7th JR div	☑	<i>Edible Water Bottles</i>	CHEMISTRY	ILM Academy / Dania Taha	<b>J2024</b>
Roach, Anna	7th JR div	☐	<i>The Effects of Acidification on Dinocardium robustum</i>	EARTH & ENVIRONMENTAL	Coastal Middle School / Olivia Fine	<b>J1123</b>
Robbins, Alisha	10th SR div	☑	<i>The Effect of Propylparabens on the Fertility of Drosophila</i>	ANIMAL SCIENCES	Rockdale Magnet School / Dr. Lynette Clark	<b>S2303</b>
Robinson, Amanda	9th SR div	☐	<i>The Clothing Waste Conundrum</i>	ENVIRONMENTAL ENGINEERING	Archer High School / Lauren Ferguson	<b>S3403</b>
Robinson, Daniel	12th SR div	☐	<i>Real-World Applications of Fractals</i>	MATHEMATICS	Chamblee Charter High School / Shaheen Begum	<b>S3904</b>
Rocchio, Isabella	10th SR div	☑	<i>Alternative Paper</i>	EARTH & ENVIRONMENTAL	North Atlanta High School / Aruna Kailasa	<b>S3325</b>
Rodgers, Matilda	8th JR div	☑	<i>Modifying an ATC Program to Lessen Caregiver Burnout</i>	SYSTEMS SOFTWARE	General Ray Davis Middle School / Caroline Snell	<b>J1902</b>
Rodgers, Rowan	7th JR div	☑	<i>Modifying an ATC Program to Lessen Caregiver Burnout</i>	SYSTEMS SOFTWARE	General Ray Davis Middle School / Caroline Snell	<b>J1902</b>
Rodgers, Ryan	7th JR div	☑	<i>The Fuming Chamber of Secrets</i>	CHEMISTRY	Howard Middle School / Precious Burnette	<b>J2002</b>
Rodriguez, Donnavon	6th JR div	☑	<i>Robby the Fishing Pro</i>	ENGINEERING MECHANICS	Pointe South Middle School / Jeffrey Wilson	<b>J1611</b>
Rodriguez, Max	8th JR div	☐	<i>Assisted Remote Muscle (ARM)</i>	BIOMEDICAL ENGINEERING	St. Thomas More Catholic School / Emily Anderson	<b>J804</b>
Rodriguez, Zackery	6th JR div	☑	<i>Robby the Fishing Pro</i>	ENGINEERING MECHANICS	Pointe South Middle School / Jeffrey Wilson	<b>J1611</b>
Rogers, Andrew	10th SR div	☑	<i>Can You Predict the NFL Draft from Combine Events?</i>	MATHEMATICS	Henry W. Grady High School / Dr. Jormell Cofield	<b>S3903</b>
Roy, Meryl	8th JR div	☐	<i>The Arduino Automatic Watering System</i>	PLANT SCIENCES	Twin Rivers Middle School / Anna Herdliska	<b>J504</b>
Royal, Trinity	10th SR div	☑	<i>The Effect of Mealworms and Waxworms on Polystyrene Breakdown</i>	EARTH & ENVIRONMENTAL	Woodstock High School / Anna Grantham	<b>S3311</b>
Rozier, Mary	8th JR div	☑	<i>False Alarm: Graphite Is Not Harmful to Living Organisms</i>	ENVIRONMENTAL ENGINEERING	Eagle's Landing Middle School / Stephanie Huff	<b>J1202</b>
Rucker, Kaiden	7th JR div	☑	<i>Can You Hear It?</i>	MATERIALS SCIENCE	Bonaire Middle School / Shannon Sanders	<b>J2117</b>
Ruiz, Guillermo	9th SR div	☑	<i>Calcium Chloride's Effect on Dust Control and Health of Plants</i>	PLANT SCIENCES	Statesboro High School / Richard McCombs	<b>S2707</b>
Ruppa-Kasani, Vinod	9th SR div	☑	<i>Detecting and Imaging TNB Cancer Using Perovskite Quantum Dots</i>	CHEMISTRY	Chattahoochee High School / Matthew Mihordea	<b>S4205</b>

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Saha, Aaditya	10th SR div	<input type="checkbox"/>	<i>Impact Resistant STF Composites for All Weather Conditions</i>	MATERIALS SCIENCE	Chamblee Charter High School / Shaheen Begum	<b>S4311</b>
Sanders, Kendall	7th JR div	<input checked="" type="checkbox"/>	<i>Recapture</i>	BEHAVIORAL & SOCIAL SCIENCE	Arts & Innovation Magnet Program / McKendree Ramsell	<b>J605</b>
Sanders, Tayana	8th JR div	<input checked="" type="checkbox"/>	<i>How Does Fish Species Affect Aquaponic Growth?</i>	PLANT SCIENCES	Bennett's Mill Middle School / Mary Beth Grabhorn	<b>J518</b>
Sandhaus, Alexander	7th JR div	<input checked="" type="checkbox"/>	<i>Shark vs Dolphin</i>	SYSTEMS SOFTWARE	Inman Middle School / Nia Cannon	<b>J1907</b>
Sandhu, Preneet	10th SR div	<input type="checkbox"/>	<i>Denitrification of Sodium Nitrate with Bacillus Bacteria</i>	MICROBIOLOGY	Gwinnett School of Mathematics, Science &	<b>S2609</b>
Santiago, Jonathan	12th SR div	<input checked="" type="checkbox"/>	<i>Testing the Antibacterial Properties of Various Metals</i>	BIOMEDICAL & HEALTH SCIENCES	Cambridge High School / Kathryn Paxton	<b>S2922</b>
Schliekelman, Luke	7th JR div	<input checked="" type="checkbox"/>	<i>Electricity Generation</i>	ENGINEERING MECHANICS	Clarke Middle School / Nathalie Guerin	<b>J1602</b>
Schmidt, Grady	8th JR div	<input checked="" type="checkbox"/>	<i>The Attenuation of Cell Phone Radiation Through Casing</i>	MATERIALS SCIENCE	River Trail Middle School / Philip Paulk	<b>J2110</b>
Schulten, Sydney	10th SR div	<input checked="" type="checkbox"/>	<i>Are Learning Styles a Valid Method of Education?</i>	BEHAVIORAL & SOCIAL SCIENCE	Sandy Creek High School / Dr. Permeil Dass	<b>S2808</b>
Schwartzberg, Evan	8th JR div	<input checked="" type="checkbox"/>	<i>3D Printing: Infill Density and Strength</i>	ENGINEERING MECHANICS	Crabapple Middle School / Christine Davidson	<b>J1618</b>
Scott, Camille	6th JR div	<input checked="" type="checkbox"/>	<i>Smart Soil</i>	ENVIRONMENTAL ENGINEERING	Chapel Hill Middle Douglasville / Tina Moran	<b>J1217</b>
Seegars, Henry	8th JR div	<input type="checkbox"/>	<i>Studying the Conditions of the Hardy-Weinberg Equilibrium</i>	COMPUTATIONAL BIOLOGY &	Chamblee Middle School / Jonathan Streich	<b>J902</b>
Sehgal, Sanchit	9th SR div	<input type="checkbox"/>	<i>Cultivation of Variation of Bacteriophages</i>	CELLULAR & MOLECULAR BIOLOGY	Chamblee Charter High School / Dr. Mary Beth Wagner	<b>S2509</b>
Senthilkumar, Sooriya	10th SR div	<input type="checkbox"/>	<i>Comparison of Different Methods of Plant Cultivation</i>	PLANT SCIENCES	Chamblee Charter High School / Shaheen Begum	<b>S2712</b>
Serina, Isabella	8th JR div	<input type="checkbox"/>	<i>Uncovering Hidden Sugars in Baby Food</i>	BIOCHEMISTRY	St. Teresa's Catholic School / Tracey Woodcock	<b>J203</b>
Severance, Payton	8th JR div	<input checked="" type="checkbox"/>	<i>The Danger Zone</i>	MICROBIOLOGY	T. J. Elder Middle School / Victoria Broome	<b>J405</b>
Sexton, Ryan	7th JR div	<input checked="" type="checkbox"/>	<i>Yeast Is a Beast</i>	BIOCHEMISTRY	Rising Starr Middle School / Gina McMillan	<b>J202</b>
Shaffer, Cayden	10th SR div	<input checked="" type="checkbox"/>	<i>Recycling for 3D Printing</i>	ENGINEERING MECHANICS	Whitewater High School / Mary Clark	<b>S3814</b>
Shah, Ishaan	10th SR div	<input type="checkbox"/>	<i>Dual-Staged Solar Powered Water Filter</i>	ENGINEERING MECHANICS	Gwinnett School of Mathematics, Science &	<b>S3815</b>
Shah, Sachi	9th SR div	<input checked="" type="checkbox"/>	<i>Different Years of Quarters and the Probability of Heads or Tails</i>	MATHEMATICS	Statesboro High School / Richard McCombs	<b>S3902</b>
Shah, Tejas	11th SR div	<input type="checkbox"/>	<i>cmyHealth: A Centralized Electronic Medical Records System</i>	SYSTEMS SOFTWARE	Peachtree Ridge High School / Michael Crawford	<b>S4105</b>
Shaikh, Yaseen	11th SR div	<input checked="" type="checkbox"/>	<i>A Navigation Headset Using Machine Learning for the Sightless</i>	SYSTEMS SOFTWARE	Northview High School / Rebecca Bingham	<b>S4101</b>
Shanavas, Ridah	7th JR div	<input checked="" type="checkbox"/>	<i>Edible Water Bottles</i>	CHEMISTRY	ILM Academy / Dania Taha	<b>J2024</b>
Shao, Kaylyn	8th JR div	<input type="checkbox"/>	<i>The Arduino Automatic Watering System</i>	PLANT SCIENCES	Twin Rivers Middle School / Anna Herdliska	<b>J504</b>
Sharma, Adit	11th SR div	<input type="checkbox"/>	<i>cmyHealth: A Centralized Electronic Medical Records System</i>	SYSTEMS SOFTWARE	Peachtree Ridge High School / Michael Crawford	<b>S4105</b>
Shaw, Lily	9th SR div	<input checked="" type="checkbox"/>	<i>Microplastics vs Population</i>	EARTH & ENVIRONMENTAL	Centennial High School / Bob Kuhn	<b>S3319</b>
Shaw, Taylor	11th SR div	<input checked="" type="checkbox"/>	<i>Solar Sunflower: Building a Better Solar Panel</i>	ENERGY: PHYSICAL	Stockbridge High School / Sheila Midgette	<b>S3605</b>
Sheppard, Caleb	8th JR div	<input checked="" type="checkbox"/>	<i>Bust That Rust</i>	ENERGY: PHYSICAL	T. J. Elder Middle School / Nicki Coneway	<b>J1403</b>
Shore, Jamie	8th JR div	<input checked="" type="checkbox"/>	<i>Wi-Fi Amplifier</i>	ENGINEERING MECHANICS	DeSana Middle School / Stacey Hannel	<b>J1614</b>

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Sillitto, Sophia	7th JR div	<input checked="" type="checkbox"/>	<i>Baby Bacteria</i>	MICROBIOLOGY	St. Anne-Pacelli Catholic School / Alyson Blair	<b>J404</b>
Singh, Harsh	8th JR div	<input checked="" type="checkbox"/>	<i>Artificial Sight for Impaired Vision</i>	SYSTEMS SOFTWARE	J. C. Booth Middle School / Tamara Pakulski	<b>J1905</b>
Singleton, Rachel	8th JR div	<input checked="" type="checkbox"/>	<i>Apis mellifera as an Effective Clinical Tool</i>	TRANSLATIONAL MEDICAL SCIENCE	Jasper County Middle School / Scotti Ann Benton	<b>J1002</b>
Sinha, Shelly	10th SR div	<input checked="" type="checkbox"/>	<i>Safe Skin</i>	COMPUTATIONAL BIOLOGY &	Riverwood International Charter School / Lakshmi	<b>S3101</b>
Sipe, Ella	7th JR div	<input checked="" type="checkbox"/>	<i>Preserving the Voice of a Patient with ALS</i>	BEHAVIORAL & SOCIAL SCIENCE	Sutton Middle School / Fannie Phillips-Bennett	<b>J622</b>
Slade, Harley	8th JR div	<input type="checkbox"/>	<i>Irradiated Seeds: Will They "Squash" the Test?</i>	PLANT SCIENCES	Treutlen Middle/High School / Amanda Warnock	<b>J517</b>
Slotnik, Josephine	11th SR div	<input checked="" type="checkbox"/>	<i>The Effect of Allelopathic Chemicals on Invasive Species</i>	PLANT SCIENCES	Rockdale Magnet School / Shelley Seagraves	<b>S2711</b>
Smith, Alayasha	8th JR div	<input checked="" type="checkbox"/>	<i>How Long Does It Take Different Types of Hand Warmers to Heat Up</i>	ENGINEERING MECHANICS	East Columbus Magnet Academy / Arlys Clayborn	<b>J1606</b>
Smith, Anna Klare	7th JR div	<input checked="" type="checkbox"/>	<i>Ice Ice Baby</i>	PHYSICS & ASTRONOMY	Appling County Middle School / Angela Morris	<b>J2211</b>
Smith, Cole	12th SR div	<input checked="" type="checkbox"/>	<i>Identification of VOCs on Strawberries Using GC/MS</i>	CHEMISTRY	Jasper County High School / Elizabeth Proctor	<b>S4211</b>
Smith, Iris	10th SR div	<input type="checkbox"/>	<i>The Effect of Dissolved Prozac on the Heart Rate of Daphnia magna</i>	BIOCHEMISTRY	Brookwood High School / Melissa Kim	<b>S2402</b>
Smith, Jasmine	8th JR div	<input checked="" type="checkbox"/>	<i>The Absorption Rate in Sponges</i>	MATERIALS SCIENCE	Atlanta Girls School / Lisa Rios	<b>J2118</b>
Smith, Jay Campbell	9th SR div	<input checked="" type="checkbox"/>	<i>The Relationship Between Smile Behavior and Longevity</i>	BEHAVIORAL & SOCIAL SCIENCE	Thomas County Central High School / Meagan Bradshaw	<b>S2806</b>
Smith, Parker	11th SR div	<input type="checkbox"/>	<i>Wave Attenuation Effect of Mangrove Species vs Vertical Seawalls</i>	EARTH & ENVIRONMENTAL	Dunwoody High School / Bradley Hendrickson	<b>S3323</b>
Sohn, Seokhwan	12th SR div	<input type="checkbox"/>	<i>C.O.A.T: Capsule Opens After Time</i>	MATERIALS SCIENCE	Peachtree Ridge High School / Hyunjin Son	<b>S4309</b>
Soneji, Neerav	7th JR div	<input checked="" type="checkbox"/>	<i>Biometric Garage Door Opener</i>	ROBOTICS & INTELLIGENT MACHINES	Fulton Science Academy / Julianne Oliver	<b>J1802</b>
Soneji, Priya	11th SR div	<input checked="" type="checkbox"/>	<i>Creating a Moving Platform that Follows Organisms in Real-Time</i>	BIOMEDICAL ENGINEERING	Milton High School / Dr. Varsha Sonawane	<b>S3001</b>
Sophie, Rayah	7th JR div	<input checked="" type="checkbox"/>	<i>Edible Water Bottles</i>	CHEMISTRY	ILM Academy / Dania Taha	<b>J2024</b>
Sorg, David Luke	7th JR div	<input checked="" type="checkbox"/>	<i>The Reminder</i>	ENGINEERING MECHANICS	Fairplay Middle School / Noelle Belaski	<b>J1605</b>
Stancu, Sabina	6th JR div	<input checked="" type="checkbox"/>	<i>Looking for a Needle in a Pi Stack</i>	MATHEMATICS	Blackmon Road Middle School / Kimberly Udy	<b>J1702</b>
Stancu, Sofia	8th JR div	<input checked="" type="checkbox"/>	<i>Looking for a Needle in a Pi Stack</i>	MATHEMATICS	Blackmon Road Middle School / Kimberly Udy	<b>J1702</b>
Stec, Aleksander	11th SR div	<input checked="" type="checkbox"/>	<i>Bioplastic and Its Impact on Aquatic Ecosystems</i>	ENVIRONMENTAL ENGINEERING	Sandy Creek High School / Jill Lloyd	<b>S3402</b>
Stewart, Alvin	12th SR div	<input checked="" type="checkbox"/>	<i>Effect of the Hofmeister Series on the Self-Assembly of Vesicles</i>	BIOCHEMISTRY	Charles R. Drew Charter School / Boon Boonyapat	<b>S2409</b>
Stewart, Jonathan	11th SR div	<input type="checkbox"/>	<i>Best Material for Prosthetic Fingers</i>	MATERIALS SCIENCE	Dunwoody High School / Bradley Hendrickson	<b>S4314</b>
Stokes, Christopher	6th JR div	<input type="checkbox"/>	<i>Distance Propulsion: Does Frontal Cone Shape Make a Difference?</i>	ENGINEERING MECHANICS	St. Thomas More Catholic School / Emily Anderson	<b>J1626</b>
Stone, Madison	8th JR div	<input checked="" type="checkbox"/>	<i>Basil</i>	PLANT SCIENCES	Appling County Middle School / Ashleigh Mercer	<b>J510</b>
Stromberg, Porter	7th JR div	<input checked="" type="checkbox"/>	<i>Does UV Light Impact Bacterial Cultures Grown from Eyeglasses?</i>	MICROBIOLOGY	St. James Catholic School / Stephen Hotard	<b>J410</b>
Suharno, Joseph	11th SR div	<input checked="" type="checkbox"/>	<i>Using Glycine max for the Phytoremediation of Lead Polluted Soil</i>	PLANT SCIENCES	Johns Creek High School / Sara Willard	<b>S2705</b>
Sullivan, Alina	10th SR div	<input checked="" type="checkbox"/>	<i>The Use of Nutrient Polluted River Water as a Hydroponic Medium</i>	EARTH & ENVIRONMENTAL	Whitewater High School / Mary Clark	<b>S3321</b>

'C' under REG FEE PAID indicates that registration fee has been committed by school/district/region.

Last update: 03/16/2020

EXHIBITOR	GRD/ DIV	REG FEE PAID	PROJECT TITLE	CATEGORY	SCHOOL / TEACHER	Exhibit ID
Sultan, Ziyen	10th SR div	<input checked="" type="checkbox"/>	Waste Heat Conservation and Utilization on Stirling Engines	ENGINEERING MECHANICS	Gwinnett School of Mathematics, Science &	S3803
Summerlin, Justin	9th SR div	<input type="checkbox"/>	Growing Algae with CO2	BIOCHEMISTRY	Statesboro High School / Richard McCombs	S2411
Sundar, Aadhav	9th SR div	<input checked="" type="checkbox"/>	Effect of the Pitch of a Propeller on the Efficiency of a Drone	ENGINEERING MECHANICS	McIntosh High School / Seth Bishop	S3801
Sundararaj, Srirakshaa	12th SR div	<input checked="" type="checkbox"/>	Using Doppler Effect and Collimation to Study Atomic Behavior	PHYSICS & ASTRONOMY	Stilwell School of the Arts / Rajini Sundararaj	S4403
Sunnogrot, Leen	8th JR div	<input type="checkbox"/>	Behind the Seeds	BIOCHEMISTRY	Howard Middle School / Patrina Fulks	J204
Supariwala, Aanya	8th JR div	<input checked="" type="checkbox"/>	Oil Spills: The Manmade Disaster	EARTH & ENVIRONMENTAL	Eagle's Landing Middle School / Stephanie Huff	J1126
Suufi, Mohamed	11th SR div	<input type="checkbox"/>	cmHealth: A Centralized Electronic Medical Records System	SYSTEMS SOFTWARE	Peachtree Ridge High School / Michael Crawford	S4105
Swaminathan, Abhishek	10th SR div	<input type="checkbox"/>	Dual-Stage Solar Powered Water Filter	ENGINEERING MECHANICS	Gwinnett School of Mathematics, Science &	S3815
Tafkov, Isabella	7th JR div	<input checked="" type="checkbox"/>	Audiotherapy Experiment for the Semi-Functional Brain	BEHAVIORAL & SOCIAL SCIENCE	Marietta Middle School / Jennifer Perrimon	J614
Tapp, Sarah	8th JR div	<input checked="" type="checkbox"/>	How Do Different Amounts of Cigarette Smoke Affect Plant Growth?	EARTH & ENVIRONMENTAL	Sandy Springs Middle School / Jessica Caban	J1112
Taylor, Claire	12th SR div	<input checked="" type="checkbox"/>	The Effect of Music on Episodic Memory	TRANSLATIONAL MEDICAL SCIENCE	Jasper County High School / Elizabeth Proctor	S3204
Taylor, Landon	6th JR div	<input checked="" type="checkbox"/>	The Power of Heat Under Our Feet	ENERGY: PHYSICAL	Atkinson County Middle School / Kari Bridges	J1411
Taylor, Sarah	12th SR div	<input checked="" type="checkbox"/>	Using Kitchen Waste Products to Neutralize Acid Mine Drainage	EARTH & ENVIRONMENTAL	South Forsyth High School / Melissa Smith	S3306
Teemer, Amadi	12th SR div	<input checked="" type="checkbox"/>	The Effects of Pesticides on Blood	MICROBIOLOGY	Westover High School / Angela Wiley	S2611
Terrell, Aultin	6th JR div	<input checked="" type="checkbox"/>	Solid, Foam, and Liquid Soap Cleaning Ability	BIOMEDICAL & HEALTH SCIENCES	Brooks County Middle School / Christine Hiers	J701
Thai, Tam	6th JR div	<input type="checkbox"/>	Is the Water You Are Drinking the Cleanest It Can Be?	CHEMISTRY	Trickum Middle School / Brian Lucy	J2013
Thirumala, Akhila	11th SR div	<input checked="" type="checkbox"/>	The Benefits of Facial Recognition Software in Drones	ROBOTICS & INTELLIGENT MACHINES	Alpharetta High School / Martin Muhammad	S4004
Thomas, Maxwell	11th SR div	<input checked="" type="checkbox"/>	Using Mucus to Minimize the Effects of Carbon Compounds	EARTH & ENVIRONMENTAL	Rockdale Magnet School / Tyrone Huebsch	S3301
Thomas, Molly	7th JR div	<input checked="" type="checkbox"/>	Dogs vs Humans: Who Has the Cleanest Mouth	ANIMAL SCIENCES	Bonaire Middle School / Shannon Sanders	J105
Thomas, Shakahi	11th SR div	<input checked="" type="checkbox"/>	Testing Stentor Response to Negative Stimuli	EARTH & ENVIRONMENTAL	Jasper County High School / Elizabeth Proctor	S3303
Thomas, Tamia	8th JR div	<input checked="" type="checkbox"/>	The Danger Zone	MICROBIOLOGY	T. J. Elder Middle School / Victoria Broome	J405
Thompson, Kamari	6th JR div	<input checked="" type="checkbox"/>	Red Candle vs White Candle Red Candle vs. White Candles	CHEMISTRY	Appling County Middle School / Allie Pearson	J2027
Tiamiyu, Omotara	9th SR div	<input checked="" type="checkbox"/>	How Does Concentration Affect Bacterial Immunity?	MICROBIOLOGY	Eagle's Landing High School / Dr. Pansy Forrester	S2618
Tillman, Lennaeh	8th JR div	<input type="checkbox"/>	Tie Dye Surprise	PLANT SCIENCES	The Champion Theme Middle School / Richard Tierney	J522
Tinsley, Rachael	8th JR div	<input checked="" type="checkbox"/>	Does the Shape of Bioplastic Affect the Temperature of the Phone?	ENVIRONMENTAL ENGINEERING	Bennett's Mill Middle School / Mary Beth Grabhorn	J1211
Tirmizi, Izza	10th SR div	<input type="checkbox"/>	Synthesis of Biodiesel Using a DES	ENERGY: CHEMICAL	Peachtree Ridge High School / Corey Wellmaker	S3505
Tomlin, Madison	10th SR div	<input checked="" type="checkbox"/>	The Effect of Mealworms and Waxworms on Polystyrene Breakdown	EARTH & ENVIRONMENTAL	Woodstock High School / Anna Grantham	S3311
Toner, Dalton	10th SR div	<input checked="" type="checkbox"/>	Streamlining the McIntosh Aeronautics Payload Delivery System	ENGINEERING MECHANICS	McIntosh High School / Seth Bishop	S3804
Torres, Itzel	11th SR div	<input checked="" type="checkbox"/>	The Effects of Nitrates on Algae in the Ecosystem	EARTH & ENVIRONMENTAL	Jasper County High School / Elizabeth Proctor	S3314

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Torres, Michael	11th SR div	<input type="checkbox"/>	<i>A Helping Hand: An Exoskeleton Hand Helper</i>	BIOMEDICAL ENGINEERING	Peachtree Ridge High School / Michael Crawford	<b>S3006</b>
Trott, Kai	8th JR div	<input checked="" type="checkbox"/>	<i>A Hull of a Time</i>	PHYSICS & ASTRONOMY	Putnam County Middle School / Elizabeth Pratt	<b>J2205</b>
Truong, Randy	10th SR div	<input type="checkbox"/>	<i>Dual-Stage Solar Powered Water Filter</i>	ENGINEERING MECHANICS	Gwinnett School of Mathematics, Science &	<b>S3815</b>
Tsang, Austin	11th SR div	<input checked="" type="checkbox"/>	<i>Using Machine Learning to Diagnose Ringworm and Eczema</i>	COMPUTATIONAL BIOLOGY &	Johns Creek High School / Sara Willard	<b>S3103</b>
Tufon, Prince	10th SR div	<input checked="" type="checkbox"/>	<i>P&amp;W Automated Pill Organizer</i>	ENGINEERING MECHANICS	Lithia Springs High School / Patrick Krouba	<b>S3807</b>
Tukua, Samuel	12th SR div	<input checked="" type="checkbox"/>	<i>Polystyrene Degrading Bacterial Enzymes</i>	CELLULAR & MOLECULAR BIOLOGY	Paulding County High School / Marc Pedersen	<b>S2502</b>
Tung, Chih-Yuan	10th SR div	<input checked="" type="checkbox"/>	<i>Effectiveness of Three Materials in Preventing Heat Declining</i>	PHYSICS & ASTRONOMY	Statesboro High School / Richard McCombs	<b>S4409</b>
Turner, Adeline	7th JR div	<input checked="" type="checkbox"/>	<i>Amazing Plants</i>	PLANT SCIENCES	Appling County Middle School / Angela Morris	<b>J514</b>
Turner, Garrison	7th JR div	<input checked="" type="checkbox"/>	<i>Inflated or Deflated?</i>	PHYSICS & ASTRONOMY	Appling County Middle School / Angela Morris	<b>J2201</b>
Tyler, Andrew	8th JR div	<input checked="" type="checkbox"/>	<i>The Effects of Magnetic Fields on Aquaponics</i>	PLANT SCIENCES	General Ray Davis Middle School / Caroline Snell	<b>J509</b>
Uddin, Hayaa	8th JR div	<input checked="" type="checkbox"/>	<i>How Do Certain Sweeteners Affect Your Digestive System?</i>	BIOMEDICAL & HEALTH SCIENCES	Amana Academy School / Yerisson Cardenas	<b>J704</b>
Uddin, Jawwad	12th SR div	<input type="checkbox"/>	<i>Real-World Applications of Fractals</i>	MATHEMATICS	Chamblee Charter High School / Shaheen Begum	<b>S3904</b>
Urbansky, Violet	7th JR div	<input checked="" type="checkbox"/>	<i>Toilet Paper Degeneration</i>	MATERIALS SCIENCE	Mossy Creek Middle School / Carol Kohn	<b>J2102</b>
Urbina, Isabella	7th JR div	<input checked="" type="checkbox"/>	<i>Heat: How Does It Affect Your Bottled Water?</i>	CHEMISTRY	Warner Robins Middle School / Melanie Mann	<b>J2006</b>
Urquiza, Antoine	11th SR div	<input checked="" type="checkbox"/>	<i>The Invasion of Microbes on Neighborhood Shopping Carts!</i>	MICROBIOLOGY	Jasper County High School / Elizabeth Proctor	<b>S2617</b>
Uslu, Jayda	11th SR div	<input checked="" type="checkbox"/>	<i>Using Mucus to Minimize the Effects of Carbon Compounds</i>	EARTH & ENVIRONMENTAL	Rockdale Magnet School / Tyrone Huebsch	<b>S3301</b>
van Zyl, Marc	9th SR div	<input checked="" type="checkbox"/>	<i>3D Robotic Vision Using Movement</i>	ROBOTICS & INTELLIGENT MACHINES	McIntosh High School / Seth Bishop	<b>S4003</b>
VanderMay, Katie	7th JR div	<input type="checkbox"/>	<i>Can Water Float on Water?</i>	CHEMISTRY	Coastal Middle School / Olivia Fine	<b>J2033</b>
Vargas-Miguel, Tony	12th SR div	<input checked="" type="checkbox"/>	<i>Qualitative Identification of VOCs in E-Cig Vapor and E-Juice</i>	CHEMISTRY	Jasper County High School / Elizabeth Proctor	<b>S4201</b>
Vazquez, Esmerelda	11th SR div	<input checked="" type="checkbox"/>	<i>At Which Point During Walking Are We Least Stable?</i>	ENGINEERING MECHANICS	South Atlanta High School / Andrea Pendergrass	<b>S3822</b>
Veeramachaneni, Bodhana	11th SR div	<input checked="" type="checkbox"/>	<i>Using DNA Barcoding on Lichenous Bioindicators for Pollution</i>	EARTH & ENVIRONMENTAL	Centennial High School / Bob Kuhn	<b>S3315</b>
Veeramachaneni, Himani	9th SR div	<input checked="" type="checkbox"/>	<i>Microplastics vs Population</i>	EARTH & ENVIRONMENTAL	Centennial High School / Bob Kuhn	<b>S3319</b>
Vempala, Pablo	7th JR div	<input checked="" type="checkbox"/>	<i>Shark vs Dolphin</i>	SYSTEMS SOFTWARE	Inman Middle School / Nia Cannon	<b>J1907</b>
Vempala, Sofia	9th SR div	<input checked="" type="checkbox"/>	<i>TeenyWeenyMachinees Learn to Count</i>	ROBOTICS & INTELLIGENT MACHINES	Henry W. Grady High School / Dr. Jormell Cofield	<b>S4010</b>
Vicente, Brittany	12th SR div	<input checked="" type="checkbox"/>	<i>Finding Sugar Content with Lasers</i>	PHYSICS & ASTRONOMY	Winder-Barrow High School / Libby Myers	<b>S4406</b>
Vickers, Shaela	7th JR div	<input checked="" type="checkbox"/>	<i>Spread the WORD, Not the Oil!</i>	ENVIRONMENTAL ENGINEERING	Atkinson County Middle School / Al Spivey	<b>J1205</b>
Vohra, Shivam	12th SR div	<input checked="" type="checkbox"/>	<i>Creation of Metal-Ion Doped Graphene-Semiconductor Composites</i>	MATERIALS SCIENCE	Rockdale Magnet School / Scott Robinson	<b>S4301</b>
Volk, Kevin	12th SR div	<input checked="" type="checkbox"/>	<i>Determination of the Biological Processes in Galleria mellonella</i>	ANIMAL SCIENCES	Paulding County High School / Marc Pedersen	<b>S2308</b>
Vuong, Kathy	12th SR div	<input type="checkbox"/>	<i>Tremor Counteracting Stability Utensil</i>	ENGINEERING MECHANICS	Peachtree Ridge High School / Hyunjin Son	<b>S3820</b>



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Wadhvani, Krish	10th SR div	☑	<i>Broadening the Scope of SyAMs: Dementia Target-Based Treatment</i>	BIOMEDICAL ENGINEERING	Denmark High School / Shelby Cochran	<b>S3008</b>
Walker, Christopher	10th SR div	☑	<i>Can You Predict the NFL Draft from Combine Events?</i>	MATHEMATICS	Henry W. Grady High School / Dr. Jormell Cofield	<b>S3903</b>
Walker, Michael	6th JR div	☑	<i>Can Water Float on Water?</i>	PHYSICS & ASTRONOMY	Hoboken Elementary School / Christy Peterson	<b>J2203</b>
Walker, Trinita	7th JR div	☑	<i>Homemade Fly Trap: Which Baits Works Best to Catch Flies?</i>	ENGINEERING MECHANICS	East Columbus Magnet Academy / Arlys Clayborn	<b>J1621</b>
Wang, Sarah	6th JR div	☐	<i>Is the Water You Are Drinking the Cleanest It Can Be?</i>	CHEMISTRY	Trickum Middle School / Brian Lucy	<b>J2013</b>
Wang, Velda	11th SR div	☐	<i>Machine Learning to Identify Drugs Associated with Alzheimer's</i>	COMPUTATIONAL BIOLOGY &	Parkview High School / Cary Sell	<b>S3110</b>
Watkins, Kelsey	12th SR div	☐	<i>Harvesting Energy from Peltier Tiles to Charge a Cell Phone</i>	ENGINEERING MECHANICS	Parkview High School / Cary Sell	<b>S3812</b>
Watson, Layla	8th JR div	☑	<i>Greasy Hair Don't Care</i>	CHEMISTRY	Mason Creek Middle School / Rita Ferrara	<b>J2003</b>
Webb, Spencer	7th JR div	☑	<i>Not Enough Storage</i>	EMBEDDED SYSTEMS	Thomas County Middle School / Kimberly Simmons	<b>J1503</b>
Wells, Miyona	7th JR div	☑	<i>The Sweet Life!</i>	BIOMEDICAL & HEALTH SCIENCES	The Irish Gifted Academy / Marshall Kinell	<b>J703</b>
Wetherill, Ryan	8th JR div	☑	<i>How Does the Temperature of a Tennis Ball Affect the Bounce?</i>	ENERGY: PHYSICAL	Holcomb Bridge Middle School / Lakeisha Tate	<b>J1405</b>
Whatley, Brady	8th JR div	☑	<i>Food for Thought</i>	BEHAVIORAL & SOCIAL SCIENCE	Thomas County Middle School / Clayton Woodfin	<b>J608</b>
White, Braelynn	9th SR div	☑	<i>Effects of Caffeinated Drinks on the Heart Rate</i>	BIOMEDICAL & HEALTH SCIENCES	Westlake High School / Jennifer Barber	<b>S2902</b>
White, Devon	7th JR div	☑	<i>Can You Balance Deforestation Using Arduino Based Drones?</i>	ENGINEERING MECHANICS	General Ray Davis Middle School / Caroline Snell	<b>J1604</b>
White, Samuel	8th JR div	☑	<i>Feeding Fuzzy</i>	ENGINEERING MECHANICS	Chapel Hill Middle Douglasville / Christina Baxley	<b>J1617</b>
Whittle, Abby	11th SR div	☑	<i>Reducing Pathogens at the Alley with Lysol</i>	MICROBIOLOGY	Jasper County High School / Elizabeth Proctor	<b>S2601</b>
Widjaja, Josephine	12th SR div	☐	<i>Non-Motorized Toilet Lid: Preventing Spread of Diseases and Germs</i>	ENGINEERING MECHANICS	Peachtree Ridge High School / Michael Crawford	<b>S3810</b>
Wiggins, Trey	8th JR div	☑	<i>Comparing Methods of Removing Trihalomethanes from Drinking Water</i>	ENERGY: CHEMICAL	Brentwood School / Cindy Moore	<b>J1302</b>
Wiggs, Gina	11th SR div	☑	<i>Re-Growing Hair After Chemotherapy</i>	BIOMEDICAL & HEALTH SCIENCES	Rockdale Magnet School / Dr. Lynette Clark	<b>S2911</b>
Williams, Lauren	7th JR div	☐	<i>Which Substance Has the Greatest Surface Tension?</i>	ENERGY: PHYSICAL	Dekalb Elementary School of Arts / Shayla Brown	<b>J1412</b>
Williamson, Bray	7th JR div	☑	<i>Heat Protection for Firefighters</i>	MATERIALS SCIENCE	Montgomery County Middle School / Melissa Palmer	<b>J2124</b>
Wilson, Jocelyn	10th SR div	☑	<i>Are Learning Styles a Valid Method of Education?</i>	BEHAVIORAL & SOCIAL SCIENCE	Sandy Creek High School / Dr. Permeil Dass	<b>S2808</b>
Winters, Emily	11th SR div	☐	<i>Emergency Escape: Kangaroo Emergency Wheelchair Escape Device</i>	ENGINEERING MECHANICS	Peachtree Ridge High School / Michael Crawford	<b>S3813</b>
Winters, Rebecca	7th JR div	☑	<i>Biogas From Trash to Gas</i>	ENERGY: CHEMICAL	Bonaire Middle School / Shannon Sanders	<b>J1301</b>
Woods, Joshua	11th SR div	☑	<i>Bird Species Monitoring Using Machine Learning Algorithms</i>	COMPUTATIONAL BIOLOGY &	Westlake High School / Kimberly Johny	<b>S3107</b>
Wooley, Lydia	8th JR div	☑	<i>What Are the Different Types of Microplastics Found in Our Water</i>	EARTH & ENVIRONMENTAL	E. T. Booth Middle School / Dr. Lawrence Gruszecki	<b>J1106</b>
Wu, Eric	11th SR div	☑	<i>Using Glycine max for the Phytoremediation of Lead Polluted Soil</i>	PLANT SCIENCES	Johns Creek High School / Sara Willard	<b>S2705</b>
Wu, Jason	10th SR div	☐	<i>Virtual Screening for Anti-Cancer Drugs</i>	COMPUTATIONAL BIOLOGY &	Chamblee Charter High School / Shaheen Begum	<b>S3111</b>
Wunderlich, Callan	8th JR div	☑	<i>How Does the Temperature of a Tennis Ball Affect the Bounce?</i>	ENERGY: PHYSICAL	Holcomb Bridge Middle School / Lakeisha Tate	<b>J1405</b>

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Xiang, Kevin	8th JR div	<input checked="" type="checkbox"/>	<i>Aerodynamic Stall Prevention</i>	ENGINEERING MECHANICS	River Trail Middle School / Meghan DiMaggio	<b>J1607</b>
Yoon, Gene	7th JR div	<input checked="" type="checkbox"/>	<i>Can Nanotechnology &amp; Magnetism Help Clean Up Oil Spills?</i>	ENVIRONMENTAL ENGINEERING	Richards Middle School / William Callaway	<b>J1204</b>
Yoon, Noah	9th SR div	<input checked="" type="checkbox"/>	<i>Predicting Stock Prices Using Multiple Linear Regression</i>	MATHEMATICS	Columbus High School / Laura Solomons	<b>S3901</b>
Young, Ansley	7th JR div	<input checked="" type="checkbox"/>	<i>Which Fertilizer Grows Plants Efficiently? Organic vs Inorganic</i>	PLANT SCIENCES	Worth County Middle School / Jennifer Easom	<b>J516</b>
Young, Parker	8th JR div	<input checked="" type="checkbox"/>	<i>Wax On Wax Off</i>	MATERIALS SCIENCE	Richards Middle School / Daniel Purvis	<b>J2120</b>
Youngblood, Sydney	12th SR div	<input checked="" type="checkbox"/>	<i>The Use of Orthoporus texicolens for Extraction of HNL Enzymes</i>	BIOCHEMISTRY	Paulding County High School / Marc Pedersen	<b>S2403</b>
Zakirov, Alexander	10th SR div	<input checked="" type="checkbox"/>	<i>The Effect of P, Fe, &amp; N on Lead Phytoremediation in Vallisneria</i>	PLANT SCIENCES	Rockdale Magnet School / Tyrone Huebsch	<b>S2710</b>
Zeigler, Jayden	6th JR div	<input checked="" type="checkbox"/>	<i>Saving Green by Using Grey</i>	PLANT SCIENCES	Arnold Magnet Academy / Hope Snead	<b>J506</b>
Zhang, Jennifer	11th SR div	<input type="checkbox"/>	<i>Non-Motorized Toilet Lid: Preventing Spread of Diseases and Germs</i>	ENGINEERING MECHANICS	Peachtree Ridge High School / Michael Crawford	<b>S3810</b>
Zheng, Candy	12th SR div	<input checked="" type="checkbox"/>	<i>Pathways to Educational Equality in China</i>	BEHAVIORAL & SOCIAL SCIENCE	Rockdale Magnet School / Tyrone Huebsch	<b>S2805</b>