

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Alumni Club of MIT	Sneha	Sinha	Best Project in Engineering - Junior	Infant Protection in Overheating Cars	QUAIL VALLEY MIDDLE SCHOOL
Alumni Club of MIT	Jasmine	Chou	Best Project in Engineering - Junior	Infant Protection in Overheating Cars	QUAIL VALLEY MIDDLE SCHOOL
Alumni Club of MIT	Nicholas	Posluszny	Best Project in Engineering - Senior	Automatic Removal of Water from Side View Mirrors	FRIENDSWOOD HIGH SCHOOL
Alumni Club of MIT	Troy	Dutton	Best Project in Engineering - Senior	Automatic Removal of Water from Side View Mirrors	FRIENDSWOOD HIGH SCHOOL
Alumni Club of MIT	Ellington	Hughes	Honorable Mention	Finding Your Bearings	SEABROOK INTERMEDIATE
Alumni Club of MIT	Holly	Ashford	Honorable Mention	Dryer Lint as House Insulation	IRONS JUNIOR HIGH SCHOOL
Alumni Club of MIT	Harshindra	Sanamvenkata	Honorable Mention	The implementation of mechanic welding systems in place of structural iron work	BELLAIRE SENIOR HIGH SCHOOL
Alumni Club of MIT	Yasmin	Valero	Honorable Mention	Lead-Free Water: designing a cost-effective, easy to use distillation device for citizens of Flint, Michigan	YES Prep High School

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
American Industrial Hygiene Association	Hayley	Jue	Senior Division Environmental Sciences	Comparing the Toxicity of Chemical and Organic Pesticides on Human Gut Bacteria Equilibrium	ACADEMY OF SCIENCE AND TECHNOLOGY
American Society of Indian Engineers & Architects	Roman	Medina	Junior Division Winner 1st	Fighting Water with H2O	E. A. OLLE MIDDLE SCHOOL
American Society of Indian Engineers & Architects	Samuel	Ramirez	Junior Division Winner 1st	Fighting Water with H2O	E. A. OLLE MIDDLE SCHOOL
American Society of Indian Engineers & Architects	Krish	Amih	Junior Division Winner 2nd	FREE ENERGY	Shotwell Middle School
American Society of Indian Engineers & Architects	Maheen	Akhter	Junior Division Winner 3rd	Measuring The Strength Of Wood Species	GARCIA MIDDLE SCHOOL
American Society of Indian Engineers & Architects	Nicholas	Posluszny	Senior Division Winner - 2nd	Automatic Removal of Water from Side View Mirrors	FRIENDSWOOD HIGH SCHOOL
American Society of Indian Engineers & Architects	Troy	Dutton	Senior Division Winner - 2nd	Automatic Removal of Water from Side View Mirrors	FRIENDSWOOD HIGH SCHOOL
American Society of Indian Engineers & Architects	Raaghav	Kavuri	Senior Division Winner - 3rd	An Algorithm for Analyzing ECG Signals: R-Wave Detection & Heart Rate Calculation	CLEAR LAKE HIGH SCHOOL

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American Society of Indian Engineers & Architects	Sarvesh	Subramanian	Senior Division Winner - 3rd	Not A Chinese Hoax: Predicting and Locating the Adverse Health Effects of Global Warming in the United States Using Artificial Neural Networks	CLEAR BROOK HIGH SCHOOL
American Society of Mechanical Engineers South Texas Section	Olivia	Behne	First Place in a Mechanical Engineering Discipline, Controls	Conductive Sensor Switch and Alarm to Prevent Child Drowning	ACADEMY OF SCIENCE AND TECHNOLOGY
American Society of Mechanical Engineers South Texas Section	Kumaran	Selva	First Place in a Mechanical Engineering Discipline, Materials	Microlens-enhanced flexible gallium arsenide microcell array for low-cost, roof-top photovoltaics for automobiles	CLEAR LAKE HIGH SCHOOL
American Society of Mechanical Engineers South Texas Section	Sebastian	Saenz	First Place in a Mechanical Engineering Discipline, Mechanical Systems	Faraday's Return	ACADEMY OF SCIENCE AND TECHNOLOGY
American Society of Safety Professionals - Gulf Coast Section	Kristyn	Delgado	ASSP Gulf Coast Section	The use of Biometric Sensors and Neural Networks to Determine a Person's Cognitive Workload	CLEAR BROOK HIGH SCHOOL
Boy Scouts of America, Sam Houston Council	Jester	Urbina	Show it Off - Show Exhibit at the Scout Fair 4/6	Boxer and V Engine Fusion and Comparison	Blanson CTE High School

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Boy Scouts of America, Sam Houston Council	Jenna	Sale	Show it Off - Show Exhibit at the Scout Fair 4/6	Wind Turbine Efficiency	RIDGE POINT HIGH SCHOOL
Boy Scouts of America, Sam Houston Council	Faith	Foster	Show it Off - Show Exhibit at the Scout Fair 4/6	Tires vs. Speed	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Boy Scouts of America, Sam Houston Council	Mary	Roccaforte	Show it Off - Show Exhibit at the Scout Fair 4/6	Not Just Winging It - Part II	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Boy Scouts of America, Sam Houston Council	Bianca	Arcile	Show it Off - Show Exhibit at the Scout Fair 4/6	Windmill Efficiency By Airfoil Blades Design	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Boy Scouts of America, Sam Houston Council	Vali	Khan	Show it Off - Show Exhibit at the Scout Fair 4/6	A Firefighter's Assistant	ACADEMY OF SCIENCE AND TECHNOLOGY
Boy Scouts of America, Sam Houston Council	Rouxle	Callahan	Show it Off - Show Exhibit at the Scout Fair 4/6	Building a Three Axis Accelerometer	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Boy Scouts of America, Sam Houston Council	Harshindra	Sanamvenkata	Show it Off - Show Exhibit at the Scout Fair 4/6	The implementation of mechanic welding systems in place of structural iron work	BELLAIRE SENIOR HIGH SCHOOL
Boy Scouts of America, Sam Houston Council	Jason	Sharer	Show it Off - Show Exhibit at the Scout Fair 4/6	Walk It Then You Talk It	ACADEMY OF SCIENCE AND TECHNOLOGY

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Boy Scouts of America, Sam Houston Council	Sabhari	Senthil	Show it Off - Show Exhibit at the Scout Fair 4/6	Walk It Then You Talk It	ACADEMY OF SCIENCE AND TECHNOLOGY
Boy Scouts of America, Sam Houston Council	Juan	Bustos	Show it Off - Show Exhibit at the Scout Fair 4/6	Creating an automated farm	British International School Houston
Boy Scouts of America, Sam Houston Council	Aparna	Tampi	Show it Off - Show Exhibit at the Scout Fair 4/6	Heatsave: An App For Combating Pediatric Vehicular Heatstroke	ACADEMY OF SCIENCE AND TECHNOLOGY
Boy Scouts of America, Sam Houston Council	Damilola	Afolabi	Show it Off - Show Exhibit at the Scout Fair 4/6	Wind You™re Ready	ALIEF EARLY COLLEGE HIGH SCHOOL
Boy Scouts of America, Sam Houston Council	Saad	Nadeem	Show it Off - Show Exhibit at the Scout Fair 4/6	Formulating an Affordable yet Medically Supervised 3D Printed Vein Reader For Disadvantaged Nations	CLEAR BROOK HIGH SCHOOL
Boy Scouts of America, Sam Houston Council	Muhammad	Zain	Show it Off - Show Exhibit at the Scout Fair 4/6	Formulating an Affordable yet Medically Supervised 3D Printed Vein Reader For Disadvantaged Nations	CLEAR BROOK HIGH SCHOOL
Boy Scouts of America, Sam Houston Council	Hudson	Nash	Show it Off - Show Exhibit at the Scout Fair 4/6	BESSY: New System for Scalable Continuous Water Quality Monitoring Using Biocatalytic Electroanalysis	ACADEMY OF SCIENCE AND TECHNOLOGY

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Boy Scouts of America, Sam Houston Council	Hanna	Hitchcock	Show it Off - Show Exhibit at the Scout Fair 4/6	Eliminating Water Spoliation and Waste through Purification and Recycling	Travis High School
Boy Scouts of America, Sam Houston Council	Emma	Johnson	Show it Off - Show Exhibit at the Scout Fair 4/6	Eliminating Water Spoliation and Waste through Purification and Recycling	Travis High School
Boy Scouts of America, Sam Houston Council	Ashley	Gibson	Show it Off - Show Exhibit at the Scout Fair 4/6	From a Concept to a Reality: The Parabolic Equation	THE WOODLANDS HIGH SCHOOL
Boy Scouts of America, Sam Houston Council	Sebastian	Saenz	Show it Off - Show Exhibit at the Scout Fair 4/6	Faraday's Return	ACADEMY OF SCIENCE AND TECHNOLOGY
Boy Scouts of America, Sam Houston Council	Mijo	Thayyil Thomas	Show it Off - Show Exhibit at the Scout Fair 4/6	Beginner 3D Mapping Through Echolocation	ACADEMY OF SCIENCE AND TECHNOLOGY
Boy Scouts of America, Sam Houston Council	Ashwin	Rajesh	Show it Off - Show Exhibit at the Scout Fair 4/6	Which pocket A.I. is the best?	Dulles HS
Boy Scouts of America, Sam Houston Council	Abhay	Iyer	Show it Off - Show Exhibit at the Scout Fair 4/6	Which pocket A.I. is the best?	Dulles HS
Boy Scouts of America, Sam Houston Council	Surya	Bhat	Show it Off - Show Exhibit at the Scout Fair 4/6	Which pocket A.I. is the best?	Dulles HS

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Boy Scouts of America, Sam Houston Council	Adam	Nguyen	Show it Off - Show Exhibit at the Scout Fair 4/6	Mecha-Arms	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Consumer Energy Education Foundation (CEEF)	Kendall	McBride	1st Place Jr Div - Energy & Transportation	Wattage vs. Lumens	BEAR BRANCH JR. HIGH
Consumer Energy Education Foundation (CEEF)	David	Bidulescu	1st Place Jr Div - Engineering Chemical	Paper Is Power Saving the Planet, One Battery At A Time	SEABROOK INTERMEDIATE
Consumer Energy Education Foundation (CEEF)	Ved	Ganesh	1st Place Jr Div - Engineering Electrical/Mechanical/Civil	Breaking Down the Breakwaters	SARTARTIA MIDDLE SCHOOL
Consumer Energy Education Foundation (CEEF)	Jeremiah	Elizabe	1st Place Jr Div - Engineering Electrical/Mechanical/Civil	Improving Motorcyclist Safety: A New Helmet Integrity Monitoring Technology	ACADEMY OF SCIENCE AND TECHNOLOGY
Consumer Energy Education Foundation (CEEF)	Ronin	Burke	1st Place Jr Div - Engineering Electrical/Mechanical/Civil	Improving Motorcyclist Safety: A New Helmet Integrity Monitoring Technology	ACADEMY OF SCIENCE AND TECHNOLOGY
Consumer Energy Education Foundation (CEEF)	Zaina	Ali	1st Place Jr Div - Environmental Science	Ferrofluids; Year Two Study	FORT SETTLEMENT MIDDLE SCHOOL

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Consumer Energy Education Foundation (CEEF)	Emily	Troutman	1st Place Jr Div - Mathematics	Optimizing Crowd Emergency Evacuation Response Time Using Pedestrian Evacuation Dynamics, Monte Carlo Simulation, and Nash Equilibrium Theory	LEAGUE CITY INTERMEDIATE SCHOOL
Consumer Energy Education Foundation (CEEF)	Kaitlyn	Bird	1st Place Jr Div - Physics & Astronomy	How Does Kite Design Affect Flight?	MCCULLOUGH JUNIOR HIGH SCHOOL
Consumer Energy Education Foundation (CEEF)	Hailey	Jeter	1st Place Jr Div - Robotics and Intelligent Machines	The Helping Bot	PEET JUNIOR HIGH SCHOOL
Consumer Energy Education Foundation (CEEF)	Anisha	Parsan	1st Place Jr Div- Computer Science	Backseat Driver - Smart Posture Assistant Seating System for Drivers	FORT SETTLEMENT MIDDLE SCHOOL
Consumer Energy Education Foundation (CEEF)	Zhi-Wei	Zeng	1st Place Sr Div - Chemistry	Facile Synthesis of Super Hydrophobic Sponge for Underwater Oil-Water Separation	Zeng Homeschool

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Consumer Energy Education Foundation (CEEF)	Prerit	Choudhary	1st Place Sr Div - Computer Science	Engineering a Novel Wearable Biosensing Mechanism Through the Implementation Of Microelectromechanical Systems and Machine Learning to Realize Anomalies Hinting Toward Future Fatal Cardiac Episode	ACADEMY OF SCIENCE AND TECHNOLOGY
Consumer Energy Education Foundation (CEEF)	Kumaran	Selva	1st Place Sr Div - Energy & Transportation	Microlens-enhanced flexible gallium arsenide microcell array for low-cost, roof-top photovoltaics for automobiles	CLEAR LAKE HIGH SCHOOL
Consumer Energy Education Foundation (CEEF)	Darryl	Previlor	1st Place Sr Div - Engineering Aerospace	The Mini Work Station for Astronauts Redefined	ACADEMY OF SCIENCE AND TECHNOLOGY
Consumer Energy Education Foundation (CEEF)	Richard	Zhang	1st Place Sr Div - Engineering Chemical	Application of Engineered Natural Materials for Phosphorus Removal to Control Algae Blooms in Eutrophic Water with Insight into Chemical Mechanisms and Large-Scale Feasibility Analysis	CLEAR LAKE HIGH SCHOOL

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Consumer Energy Education Foundation (CEEF)	Steven	Wu	1st Place Sr Div - Engineering Chemical	Application of Engineered Natural Materials for Phosphorus Removal to Control Algae Blooms in Eutrophic Water with Insight into Chemical Mechanisms and Large-Scale Feasibility Analysis	CLEAR LAKE HIGH SCHOOL
Consumer Energy Education Foundation (CEEF)	Michael	Gerhard	1st Place Sr Div - Environmental Science	Examining Cultural Eutrophication: A Novel Smartphone Application for the Determination and Mapping of Phosphate Content in Aquatic Ecosystems via Crowdsourcing	ACADEMY OF SCIENCE AND TECHNOLOGY
Consumer Energy Education Foundation (CEEF)	Marcus	Schlauch	1st Place Sr Div - Materials & Bioengineering	Portable Graphene Oxide Desalination	CLEAR BROOK HIGH SCHOOL
Consumer Energy Education Foundation (CEEF)	Brendan	Alam	1st Place Sr Div - Mathematics	Implementing Econophysics to Predict Mixed Migrations	ACADEMY OF SCIENCE AND TECHNOLOGY
Consumer Energy Education Foundation (CEEF)	Sebastian	Saenz	1st Place Sr Div - Physics & Astronomy	Faraday's Return	ACADEMY OF SCIENCE AND TECHNOLOGY

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Consumer Energy Education Foundation (CEEF)	Jayanth	Pratap	1st Place Sr Div - Robotics and Intelligent Machines	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
Consumer Energy Education Foundation (CEEF)	Naail	Lakhani	1st Place Sr Div - Robotics and Intelligent Machines	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
Consumer Energy Education Foundation (CEEF)	Abhinav	Sinha	1st Place Sr Div - Robotics and Intelligent Machines	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
Consumer Energy Education Foundation (CEEF)	Melannie	Nimocks	1st Place Sr Div- Biochemistry & Microbiology	Analyzing the Effects of CRISPR	ACADEMY OF SCIENCE AND TECHNOLOGY
Center Point Energy	Caitlin	Kollar	Center Point Energy Award	Keeping Cool	MCCULLOUGH JUNIOR HIGH SCHOOL
Center Point Energy	Holly	Ashford	Center Point Energy Award	Dryer Lint as House Insulation	IRONS JUNIOR HIGH SCHOOL
Center Point Energy	Lorelai	Kagey	Center Point Energy Award	Refraction of Colors Underwater	SEABROOK INTERMEDIATE

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Center Point Energy	Kendall	McBride	Center Point Energy Award	Wattage vs. Lumens	BEAR BRANCH JR. HIGH
Center Point Energy	Andrew	Newmyer	Center Point Energy Award	Gaining control over cockroaches	SEABROOK INTERMEDIATE
Center Point Energy	Adriana	Manzano	Center Point Energy Award	Humpty Dumpty's Helmet	GRANTHAM ACADEMY
Center Point Energy	Ozzie	Cuevas	Center Point Energy Award	Humpty Dumpty's Helmet	GRANTHAM ACADEMY
Center Point Energy	Shalom	Oyelakin	Center Point Energy Award	Effects of sugar concentration and acidity of soda and juice on tooth enamel	BAYSIDE INTERMEDIATE SCHOOL
Houston Museum of Natural Science	Brienne	Grimm	HMNS finalist	Cereal Killer: The study of Glyphosates in Cereals	CLEAR FALLS HIGH SCHOOL
Houston Museum of Natural Science	Zhi-Wei	Zeng	HMNS finalist	Facile Synthesis of Super Hydrophobic Sponge for Underwater Oil-Water Separation	Zeng Homeschool
Houston Museum of Natural Science	Daniel	Jones	HMNS finalist	Using Algorithms To Compare Authors	RIDGE POINT HIGH SCHOOL
Houston Museum of Natural Science	Licheng	Lin	HMNS finalist	Earthquake Resistant Structures	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Houston Museum of Natural Science	Jamisen	Coumbe	HMNS finalist	The effects of geotextiles and vegetation on slope erosion	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS

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Houston Museum of Natural Science	Laurel	Pinchback	HMNS finalist	How Soil Density Effects Soil Erosion	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Houston Museum of Natural Science	Darryl	Previlor	HMNS finalist	The Mini Work Station for Astronauts Redefined	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Museum of Natural Science	Rouxle	Callahan	HMNS finalist	Building a Three Axis Accelerometer	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Houston Museum of Natural Science	Taylor	Blanchard	HMNS finalist	Energy Storage Through Ferrofluids	CLEAR LAKE HIGH SCHOOL
Houston Museum of Natural Science	Hannah	Craft	HMNS finalist	Designing Block-Copolymers with Unique Micelles	CLEAR FALLS HIGH SCHOOL
Houston Museum of Natural Science	Harshindra	Sanamvenkata	HMNS finalist	The implementation of mechanic welding systems in place of structural iron work	BELLAIRE SENIOR HIGH SCHOOL
Houston Museum of Natural Science	Juan	Bustos	HMNS finalist	Creating an automated farm	British International School Houston
Houston Museum of Natural Science	Caitlin	Behne	HMNS finalist	Year Two of Adjustable Automated Ventilation Control System	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Museum of Natural Science	Vinh	Tan	HMNS finalist	Flood Shall Not Pass	ALIEF EARLY COLLEGE HIGH SCHOOL
Houston Museum of Natural Science	Hoan	Nguyen	HMNS finalist	Flood Shall Not Pass	ALIEF EARLY COLLEGE HIGH SCHOOL

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Houston Museum of Natural Science	Idrees	Chaudhry	HMNS finalist	Biodegradation of Crude Oil Spill by Bacteria Isolated from Petroleum Contaminated Soils	Harmony School of Innovation - HS Sugar Land
Houston Museum of Natural Science	Muneeb	Hashmi	HMNS finalist	Biodegradation of Crude Oil Spill by Bacteria Isolated from Petroleum Contaminated Soils	Harmony School of Innovation - HS Sugar Land
Houston Museum of Natural Science	Molly	Paliwoda	HMNS finalist	Permeable Concrete	Waller High School
Houston Museum of Natural Science	Hanna	Hitchcock	HMNS finalist	Eliminating Water Spoliation and Waste through Purification and Recycling	Travis High School
Houston Museum of Natural Science	Emma	Johnson	HMNS finalist	Eliminating Water Spoliation and Waste through Purification and Recycling	Travis High School
Houston Museum of Natural Science	Katie	Lazarine	HMNS finalist	Curing coral: using T4 phages and E. coli bacteria to model how oceanic conditions under climate change impact the effectiveness of phage therapy	YES Prep High School
Houston Museum of Natural Science	Pranavi	Maddipatla	HMNS finalist	The Effects of Bentonite Clay Powder on Lead Contaminated Water	ACADEMY OF SCIENCE AND TECHNOLOGY

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Houston Museum of Natural Science	Yasmin	Jackson	HMNS finalist	Coal Ash: Testing the effect of fly ash on radiation levels in soil at Texas coal power plants	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Museum of Natural Science	Michael	Menezes	HMNS finalist	A Slick Model: Modeling the Dispersion of Oil in Oceans	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Museum of Natural Science	Sebastian	Saenz	HMNS finalist	Faraday's Return	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Museum of Natural Science	Conrad	Schmitt	HMNS finalist	Frequency of Elementary Particles, Matter vs Antimatter	BUSH HIGH SCHOOL
Houston Museum of Natural Science	Peyton	Burlington	HMNS finalist	Effect of nitrogen fixers on Martian grown crops	CLEAR CREEK HIGH SCHOOL
Geophysical Society of Houston	Abigail	Rivera	Junior - 1st Place	Which type of Sedimentary rock is best for storing oil?	DREW ACADEMY
Geophysical Society of Houston	Lucy	Abu	Junior - 2nd Place	The Effect of Temperature on the Viscosity of Honey	GARCIA MIDDLE SCHOOL
Geophysical Society of Houston	Lochana	Kalyanaraman	Senior - 1st Place	The Quest for Oil: A Statistical Analysis	YOUNG WOMEN'S COLLEGE PREPARATORY ACADEMY H S
Geophysical Society of Houston	Sarim	Aleem	Senior - 2nd Place	Novel Feature Extractor for Repetitive Spikes using a Wavelet Based Approach	Seven Lakes High School

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Greater Houston Dental Society	Siri	Harris-Ryden	Junior - 1st Place	Briny Bread	SEABROOK INTERMEDIATE
Greater Houston Dental Society	Roopa	Pabolu	Junior - 1st Place	Spherification - Alternate fo	MCCULLOUGH JUNIOR HIGH SCHOOL
Greater Houston Dental Society	Samuel	Tay	Junior - 1st Place	Does Cinnamon Lower Gluc	MCCULLOUGH JUNIOR HIGH SCHOOL
Greater Houston Dental Society	Melannie	Nimocks	Senior - 1st Place	Analyzing the Effects of CRISPR	ACADEMY OF SCIENCE AND TECHNOLOGY
Greater Houston Dental Society	Zhi-Wei	Zeng	Senior - 1st Place	Facile Synthesis of Super Hy	Zeng Homeschoo
Greater Houston Dental Society	Adarsha	Pokkulandra	Senior - 1st Place	TMZ+X: siRNA-based synth	Dulles HS
Greater Houston Dental Society	Arnav	Garyali	Senior - 1st Place	TMZ+X: siRNA-based synth	Dulles HS
Greater Houston Dental Society	Eman	Fayyaz	Junior - 2nd Place	A Gassy Problem	MCCULLOUGH JUNIOR HIGH SCHOOL
Greater Houston Dental Society	Alex	Merino	Junior - 2nd Place	Backyard Rocketeer	Ulrich Intermediate School
Greater Houston Dental Society	Alexander	Lagos	Junior - 2nd Place	Backyard Rocketeer	Ulrich Intermediate School
Greater Houston Dental Society	Christophe r	Ramirez	Junior - 2nd Place	Backyard Rocketeer	Ulrich Intermediate School

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Greater Houston Dental Society	Rotem	Ris	Junior - 2nd Place	The Effect of Different Spices on the Regeneration of Brown Planaria (<i>Dugesia tigrina</i>)	MCCULLOUGH JUNIOR HIGH SCHOOL
Greater Houston Dental Society	Andrew	Miller	Senior - 2nd Place	A Novel Biosynthetic Pathway for In Vivo Synthesis of d-Luciferin in <i>Escherichia coli</i>	ACADEMY OF SCIENCE AND TECHNOLOGY
Greater Houston Dental Society	Carl	Ho	Senior - 2nd Place	Optimization of the Depoly	CLEAR LAKE HIGH SCHOOL
Greater Houston Dental Society	Grace	Song	Senior - 2nd Place	Optimization of the De	CLEAR LAKE HIGH SCHOOL
Greater Houston Dental Society	Vaidya	Parthasarathy	Senior - 2nd Place	The Missing Beat in the	CLEAR LAKE HIGH SCHOOL
Greater Houston Dental Society	Kari	Stewart	Junior - 3rd Place	Air Particulates	BAYSIDE INTERMEDIATE SCHOOL
Greater Houston Dental Society	Evan	Chang	Junior - 3rd Place	Tea Time- Which Type	PERSHING MIDDLE SCHOOL
Greater Houston Dental Society	Brooke	Yount	Junior - 3rd Place	Are Full Face Snorkel Masks Silent Killers	SEABROOK INTERMEDIATE
Greater Houston Dental Society	Galio	Guo	Senior - 3rd Place	Whole cell <i>Escherichia</i>	ACADEMY OF SCIENCE AND TECHNOLOGY

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Greater Houston Dental Society	Clara	Victorio	Senior - 3rd Place	Removing Microplastics	ACADEMY OF SCIENCE AND TECHNOLOGY
Greater Houston Dental Society	Ashley	Hoffman	Senior - 3rd Place	Implications of F508de	CLEAR SPRINGS HIGH SCHOOL
Gulf Coast Safety & Training Group (GCSTG)	Siddhanth	Pachipala	GCSGT Special Award 1st	Heeding the Herd	MCCULLOUGH JUNIOR HIGH SCHOOL
Gulf Coast Safety & Training Group (GCSTG)	Emily	Valerio	GCSGT Special Award 2nd	Stress Test	MCCULLOUGH JUNIOR HIGH SCHOOL
Gulf Coast Safety & Training Group (GCSTG)	Amy	Nguyen	GCSGT Special Award 3rd	Musical Comprehension	BONDY INTERMEDIATE
Health Physics Society - Texas Chapter	Alexandra	Tan	State of Texas Health Physics Society Plaque/Membership	Mitochondrial Effects of High Energy High Charge (HZE) Irradiation on the Liver	BALL HIGH SCHOOL
Health Physics Society - Texas Chapter	Yasmin	Jackson	State of Texas Health Physics Society Plaque/Membership	Coal Ash: Testing the effect of fly ash on radiation levels in soil at Texas coal power plants	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Academy of Medicine/Harris County Medical Society	Samuel	Tay	1st Place Jr Divison	Does Cinnamon Lower Glucose in Diabetic Patients?	MCCULLOUGH JUNIOR HIGH SCHOOL

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Houston Academy of Medicine/Harris County Medical Society	Vaidya	Parthasarathy	1st Place Sr Divison	The Missing Beat in the Stem-Cell Heart? Triggering Production of the Elusive T-Tubule Synthesis in mESCs using MBNL1	CLEAR LAKE HIGH SCHOOL
Houston Academy of Medicine/Harris County Medical Society	Rotem	Ris	2nd Place Jr Division	The Effect of Different Spices on the Regeneration of Brown Planaria (<i>Dugesia tigrina</i>)	MCCULLOUGH JUNIOR HIGH SCHOOL
Houston Academy of Medicine/Harris County Medical Society	Carolyn	Zhang	2nd Place Sr Division	Study of Liposome Surface Charge and Uptake by M1 and M2 Macrophages	HIGHTOWER HIGH SCHOOL
Houston Academy of Medicine/Harris County Medical Society	Asiya	Siddiqi	3rd Place Jr Division	Plaint Poison V.S. The Human Microbiome: How do lectins affect the bactericidal abilities of probiotics on pathogens in different environments?	FRIENDSWOOD JUNIOR HIGH SCHOOL
Houston Academy of Medicine/Harris County Medical Society	Arnav	Chinthala	3rd Place Sr Division	Reduction of Cholesterol through the use of Lipoproteins APOA1 and ABCA1	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Academy of Medicine/Harris County Medical Society	Rithvik	Asani	3rd Place Sr Division	Reduction of Cholesterol through the use of Lipoproteins APOA1 and ABCA1	ACADEMY OF SCIENCE AND TECHNOLOGY

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Houston Academy of Medicine/Harris County Medical Society	Michael	Buerstinghaus	4th Place Jr Division	The Lipase-Bile-Apple Cider Vinegar Relationship in the Digestion of Lipids	SEABROOK INTERMEDIATE
Houston Academy of Medicine/Harris County Medical Society	Arnav	Garyali	4th Place Sr Division	TMZ+X: siRNA-based synthetic lethal screening and synergism with TMZ as a novel approach to inhibition of proliferation in GBM	Dulles HS
Houston Academy of Medicine/Harris County Medical Society	Adarsha	Pokkulandra	4th Place Sr Division	TMZ+X: siRNA-based synthetic lethal screening and synergism with TMZ as a novel approach to inhibition of proliferation in GBM	Dulles HS
Houston Astronomical Society	Delaney	Murphy	Junior 1st place	A Sun Clock - I think not?	MOORHEAD JUNIOR HIGH SCHOOL
Houston Astronomical Society	Ryan	Hartung	Senior 1st place	Mapping the Milky Way using the 21cm Line	Humble ISD H S
Houston Astronomical Society	Norlan	Mata	Senior 2nd place	Measuring the distances of stars	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Houston Astronomical Society	Alejandro	Flores	Senior 3rd place	Measuring Pollution with Spectroscopy	ACADEMY OF SCIENCE AND TECHNOLOGY

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Houston Baptist University	Prerit	Choudhary	Cyber Impact Award-1st Place	Engineering a Novel Wearable Biosensing Mechanism Through the Implementation Of Microelectromechanical Systems and Machine Learning to Realize Anomalies Hinting Toward Future Fatal Cardiac Episode	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Baptist University	Anisha	Parsan	Cyber Impact Award-2nd Place	Backseat Driver - Smart Posture Assistant Seating System for Drivers	FORT SETTLEMENT MIDDLE SCHOOL
Houston Baptist University	Vinay	Mannem	Cyber Impact Award-3rd Place	Developing an Autonomous Device Based on Ultrasonic Sensors in Order to Allow the Visually Impaired to Walk Safely and Confidently	ACADEMY OF SCIENCE AND TECHNOLOGY
Houston Geological Society	Ruslan	Burns	Winner Junior Division	fight against flood water	SEABROOK INTERMEDIATE
Houston Geological Society	Taylor	Blanchard	Winner Senior Division	Energy Storage Through Ferrofluids	CLEAR LAKE HIGH SCHOOL
Houston Intellectual Property Law Association (HIPLA)	Sohan	Kureti	Junior Division Winner	DarkMatter - Thermoelectrics	Ravi Kureti

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Houston Intellectual Property Law Association (HIPLA)	Jenna	Sale	Senior Division Winner	Wind Turbine Efficiency	RIDGE POINT HIGH SCHOOL
International Society of Automation	Vinay	Mannem	Special Award - ISA 1st	Developing an Autonomous Device Based on Ultrasonic Sensors in Order to Allow the Visually Impaired to Walk Safely and Confidently	ACADEMY OF SCIENCE AND TECHNOLOGY
International Society of Automation	Ellington	Hughes	Special Award - ISA 2nd	Finding Your Bearings	SEABROOK INTERMEDIATE
International Society of Automation	Abby	Vay	Special Award - ISA 3rd	The Battle of Soil Erosion	KILLOUGH MIDDLE SCHOOL
International Society of Automation	Sylvia	Garcia	Special Award - ISA 4th	Light-Tracking Robot	PEET JUNIOR HIGH SCHOOL
International Society of Automation	Caitlyn	Bains	Special Award - ISA 4th	The Absorption Ability in Sediments	Aldine 9th Grade Center
International Society of Automation	Harshindra	Sanamvenkata	Special Award - ISA 4th	The implementation of mechanic welding systems in place of structural iron work	BELLAIRE SENIOR HIGH SCHOOL
iYar Fine Arts	Amy	Nguyen	Honorable Mention	Musical Comprehension	BONDY INTERMEDIATE
iYar Fine Arts	Shivani	Patel	Honorable Mention	Music and Memory	LEAGUE CITY INTERMEDIATE SCHOOL
iYar Fine Arts	Lucy	Hamilton	Honorable Mention	Relationship between Music and Heart Rate	Spring Branch Academic Institute MS

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
iYar Fine Arts	Caroline	Graham	Honorable Mention	Relationship between Music and Heart Rate	Spring Branch Academic Institute MS
iYar Fine Arts	Jacob	Wilson	Pattu Rajagopalan Award	A Vital Symphony	SEABROOK INTERMEDIATE
iYar Fine Arts	Kevin	Juarez	Sulochana Pattabhiraman Award	Subliminal Messaging In Pop Music	Pasadena Memorial High School
Jacobs	Grace	Folsom	Jacobs Science Explorer Award	Methods of Memorization	MOORHEAD JUNIOR HIGH SCHOOL
Jacobs	Zoe	Yu	Jacobs Science Explorer Award	Molecular Fingerprints	MCCULLOUGH JUNIOR HIGH SCHOOL
Jacobs	Keshav	Zahn	Jacobs Science Explorer Award	Burning Biodiesels	FORT SETTLEMENT MIDDLE SCHOOL
Jacobs	Roopa	Pabolu	Jacobs Science Explorer Award	Spherification - Alternate for Plastic	MCCULLOUGH JUNIOR HIGH SCHOOL
Jacobs	Abishek	Rathnakumar	Jacobs Science Explorer Award	Effects of Eligibility Trace On Neural Networks	MCCULLOUGH JUNIOR HIGH SCHOOL
Jacobs	Divya	Patel	Jacobs Science Explorer Award	Grudgingly Biased	MCCULLOUGH JUNIOR HIGH SCHOOL
Jacobs	Ela	Albuz	Jacobs Science Explorer Award	Growing Sustained Food Source for Interstellar Travel	MCCULLOUGH JUNIOR HIGH SCHOOL
Jacobs	Roshni	Chikhliwala	Jacobs Science Explorer Award	Solar Bulbs: Bringing Light to Darkness	SEABROOK INTERMEDIATE
Jacobs	Grant	Griffin	Jacobs Science Explorer Award	Splitting Air	SEABROOK INTERMEDIATE

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Jacobs	Christina	Geppert	Jacobs Science Explorer Award	effect of nozzle types for impulse turbines on efficiency	SEABROOK INTERMEDIATE
Jacobs	Lorelei	Spurgeon	Jacobs Science Explorer Award	Wireless Power Worth it or not?	BOWIE MIDDLE SCHOOL
Jacobs	Vera	Geppert	Jacobs Science Explorer Award	Coanda-Effect Screen Performance in Water Intake Cleaning Systems	SEABROOK INTERMEDIATE
Jacobs	Zaina	Ali	Jacobs Science Explorer Award	Ferofluids; Year Two Study	FORT SETTLEMENT MIDDLE SCHOOL
Jacobs	Gavin	Webster	Jacobs Science Explorer Award	Co2 vs the World	SEABROOK INTERMEDIATE
Jacobs	Lauren	Stepanik	Jacobs Science Explorer Award	Fossil Fuels VS Fuel Cells	MCCULLOUGH JUNIOR HIGH SCHOOL
Jacobs	Alex	Maze	Jacobs Science Explorer Award	Take it with a grain of salt: Microplastic in Salt	Baylor College of Medicine Academy at Ryan
Jacobs	Brooke	Yount	Jacobs Science Explorer Award	Are Full Face Snorkel Masks Silent Killers	SEABROOK INTERMEDIATE
Jacobs	Faith	Ebel	Jacobs Science Explorer Award	Terraforming Mars	MAGNOLIA JR. HIGH
Jacobs	Gabriel	Moreau	Jacobs Science Explorer Award	Do Colors Affect Plant Growth	MAGNOLIA JR. HIGH
Jacobs	Hailey	Jeter	Jacobs Science Explorer Award	The Helping Bot	PEET JUNIOR HIGH SCHOOL
Jacobs	Travis	Relyea	Jacobs Science Explorer Award	Operation MazeBot	SEABROOK INTERMEDIATE

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Jacobs	Sylvia	Garcia	Jacobs Science Explorer Award	Light-Tracking Robot	PEET JUNIOR HIGH SCHOOL
Jacobs	Grace	Pascarella	Jacobs Science Explorer Award	Comparison of Strepsiptera Caenochloax fenyesi, Xenos peckii, and Mengenilla leucomma Antenna and Mouthpart Sensilla	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Laisha	Orta	Jacobs Science Explorer Award	The Effect of Self-Esteem on Grades	YES Prep High School
Jacobs	Gene	Umoette	Jacobs Science Explorer Award	To-May-to To-Mah-to	ALIEF EARLY COLLEGE HIGH SCHOOL
Jacobs	Caden	Ganley	Jacobs Science Explorer Award	Shark bite hoo ha ha	CLEAR SPRINGS HIGH SCHOOL
Jacobs	Galio	Guo	Jacobs Science Explorer Award	Whole cell Escherichia coli concentration determination using magnetostrictive material	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Prerit	Choudhary	Jacobs Science Explorer Award	Engineering a Novel Wearable Biosensing Mechanism Through the Implementation Of Microelectromechanical Systems and Machine Learning to Realize Anomalies Hinting Toward Future Fatal Cardiac Episode	ACADEMY OF SCIENCE AND TECHNOLOGY

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Jacobs	Adwoa	Asare	Jacobs Science Explorer Award	Tracking Environmental Asthma Triggers Using Computer Software	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Alexandra	Tan	Jacobs Science Explorer Award	Mitochondrial Effects of High Energy High Charge (HZE) Irradiation on the Liver	BALL HIGH SCHOOL
Jacobs	Jester	Urbina	Jacobs Science Explorer Award	Boxer and V Engine Fusion and Comparison	Blanson CTE High School
Jacobs	Jenna	Sale	Jacobs Science Explorer Award	Wind Turbine Efficiency	RIDGE POINT HIGH SCHOOL
Jacobs	Darryl	Previlor	Jacobs Science Explorer Award	The Mini Work Station for Astronauts Redefined	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Christopher	Colling	Jacobs Science Explorer Award	A Novel Device to Remove Water From Extravehicular Mobility Unit (Spacesuit) Water Intrusion	CLEAR FALLS HIGH SCHOOL
Jacobs	Rheanna	Patel	Jacobs Science Explorer Award	Building Solutions to the Worlds Thirsty Problems	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Jessica	Svetlitski	Jacobs Science Explorer Award	Mold Growth Prevention via Utilization of Silver Nanoparticles in Paint II	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Tara	Neigut	Jacobs Science Explorer Award	Decreasing the Mosquito Population using Traps	CLEAR FALLS HIGH SCHOOL
Jacobs	Evonna	Weaver	Jacobs Science Explorer Award	Valuable Waste	ALIEF EARLY COLLEGE HIGH SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Jacobs	Rachel	Passantino	Jacobs Science Explorer Award	Do Different Soils Affect Pesticide Toxicity?	CLEAR CREEK HIGH SCHOOL
Jacobs	Olga	Rios	Jacobs Science Explorer Award	Survival of the Pillest!	Pasadena Memorial High School
Jacobs	Jacob	VanBenthuyesen	Jacobs Science Explorer Award	Does Exercise Affect the Mental Function of Sleep Deprived Individuals?	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Christian	Pack	Jacobs Science Explorer Award	Rocket Aerodynamics	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Jacobs	Jacob	Bonnette	Jacobs Science Explorer Award	Rocket Aerodynamics	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Jacobs	Andy	Shen	Jacobs Science Explorer Award	The Development of an Early Wildfire Detection Device	ACADEMY OF SCIENCE AND TECHNOLOGY
Jacobs	Syed	Hussain	Jacobs Science Explorer Award	The Future of Artificial Intelligence	Syed Homeschool
Kids Lives Matter	Camila	San Juan	Most Creative Project	Which Fertilizer Works Best?	Lewis Middle School
Kids Lives Matter	Jason	Gimenez	Most Creative Project	Spectacular Spider-Silk	HIGHTOWER HIGH SCHOOL
Kids Lives Matter	Ron-Jacob	Rosario	Most Creative Project	Spectacular Spider-Silk	HIGHTOWER HIGH SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Kids Lives Matter	Taylor	Leeder	Most Helpful Team	Personality Effects On Your Cognitive Thinking	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Kids Lives Matter	Caroline	Lee	Most Useful Project	The Smell That Repels	SEABROOK INTERMEDIATE
Kids Lives Matter	Evan	Chang	Most Useful Project	Tea Time- Which Type of Decaffeinated Tea Has the Least Amount of Caffeine?	PERSHING MIDDLE SCHOOL
Kids Lives Matter	Gabriella	Hill	Most Useful Project	Healing a Dog's Heart and Mind: The Effect of Physiological Therapy on Canines with Excelling Amounts of Anxiety	CLEAR FALLS HIGH SCHOOL
Kids Lives Matter	Christian	Pack	Most Useful Project	Rocket Aerodynamics	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Kids Lives Matter	Jacob	Bonnette	Most Useful Project	Rocket Aerodynamics	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Marine Technology Society	Ved	Ganesh	Marine Technology Society - Jr 1st	Breaking Down the Breakwaters	SARTARTIA MIDDLE SCHOOL
Marine Technology Society	Gillian	Fricker	Marine Technology Society - Jr 2nd	Mister Extinguisher	SEABROOK INTERMEDIATE

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Marine Technology Society	Diego	Flores	Marine Technology Society - Jr 3rd	Flexible Concrete	MCCULLOUGH JUNIOR HIGH SCHOOL
Marine Technology Society	Sanjita	Kelkar	Marine Technology Society - Jr 4th	Oil Absorbing Polymers	SARTARTIA MIDDLE SCHOOL
Marine Technology Society	Jenna	Sale	Marine Technology Society - Sr 1st	Wind Turbine Efficiency	RIDGE POINT HIGH SCHOOL
Marine Technology Society	Adam	Nguyen	Marine Technology Society - Sr 2nd	Mecha-Arms	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Marine Technology Society	Christian	Pack	Marine Technology Society - Sr 3rd	Rocket Aerodynamics	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Marine Technology Society	Jacob	Bonnette	Marine Technology Society - Sr 3rd	Rocket Aerodynamics	ACADEMY FOR SCIENCE AND HEALTH PROFESSIONS
Marine Technology Society	Sara	Khawaja	Marine Technology Society - Sr 4th	The Teprature Effects on The Viscosity of Different Substances	HIGHTOWER HIGH SCHOOL
Marine Technology Society	Kashish	Ali	Marine Technology Society - Sr 4th	The Teprature Effects on The Viscosity of Different Substances	HIGHTOWER HIGH SCHOOL
Rice Engineering Alumni	Aparna	Tampi	Rice Engineering Scholarship	Heatsave: An App For Combating Pediatric Vehicular Heatstroke	ACADEMY OF SCIENCE AND TECHNOLOGY

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Sigma Xi	Jayanth	Pratap	Physical Sciences and Engineering 1st	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
Sigma Xi	Naail	Lakhani	Physical Sciences and Engineering 1st	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
Sigma Xi	Abhinav	Sinha	Physical Sciences and Engineering 1st	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
Society of Women Engineers - Houston Area	Jennifer	Magbagbeola	Aspire SWE-HA Award Jr Runner up	Building for Success	SEABROOK INTERMEDIATE
Society of Women Engineers - Houston Area	Kaitlyn	Bird	SWE-HA Aspire Award Jr Div	How Does Kite Design Affect Flight?	MCCULLOUGH JUNIOR HIGH SCHOOL
Society of Women Engineers - Houston Area	Caitlin	Behne	SWE-HA Aspire Award Sr Div	Year Two of Adjustable Automated Ventilation Control System	ACADEMY OF SCIENCE AND TECHNOLOGY

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Society of Women Engineers - Houston Area	Alexandra	Tan	SWE-HA Aspire Award Sr Runner up	Mitochondrial Effects of High Energy High Charge (HZE) Irradiation on the Liver	BALL HIGH SCHOOL
South Texas Section of the American Institute of Chemical Engineers	Kinsley	Boutwell	Jr 1st	F.A.M.E.-Future (is) Animal Methane Energy	BAYSIDE INTERMEDIATE SCHOOL
South Texas Section of the American Institute of Chemical Engineers	Keshav	Zahn	Jr 2nd	Burning Biodiesels	FORT SETTLEMENT MIDDLE SCHOOL
South Texas Section of the American Institute of Chemical Engineers	Grace	Song	Sr 1st	Optimization of the Depolymerization of PET via Phase Transfer Catalysis	CLEAR LAKE HIGH SCHOOL
South Texas Section of the American Institute of Chemical Engineers	Carl	Ho	Sr 1st	Optimization of the Depolymerization of PET via Phase Transfer Catalysis	CLEAR LAKE HIGH SCHOOL
South Texas Section of the American Institute of Chemical Engineers	Alan	Makoso	Sr 2nd	Heat and Boundary Layer Separation	Dulles HS
South Texas Section of the American Institute of Chemical Engineers	Taylor	Blanchard	Sr 2nd	Energy Storage Through Ferrofluids	CLEAR LAKE HIGH SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Space Center Housotn	Lorelei	Binford	Space Center Houston - RISE Jr 1st	Reaction Time and Short Term Memory	PEET JUNIOR HIGH SCHOOL
Space Center Housotn	Stephanie	Trujillo	Space Center Houston - RISE Jr 1st	The effect of microgravity in meristem growth	GRANTHAM ACADEMY
Space Center Housotn	Gissele	Rodriguez	Space Center Houston - RISE Jr 1st	The effect of microgravity in meristem growth	GRANTHAM ACADEMY
Space Center Housotn	Cristina	Juarez	Space Center Houston - RISE Jr 1st	The effect of microgravity in meristem growth	GRANTHAM ACADEMY
Space Center Housotn	Faith	Ebel	Space Center Houston - RISE Jr 2nd	Terraforming Mars	MAGNOLIA JR. HIGH
Space Center Housotn	Rumaisa	Jesani	Space Center Houston - RISE Jr 3rd	Mehndi V.S Sunblock	LEAGUE CITY INTERMEDIATE SCHOOL
Space Center Housotn	Siddharth	Krishnakumar	Space Center Houston - RISE Sr 1st	Postural Dysfunction Sensors for Assisted Living	Glenda Dawson Homeschool - Krishnakumar
Space Center Housotn	Connor	Gibson	Space Center Houston - RISE Sr 2nd	Predisposition of Different Fabrics to Bacterial Growth	FRIENDSWOOD HIGH SCHOOL
Space Center Housotn	Audrey	Weakley	Space Center Houston - RISE Sr 2nd	Predisposition of Different Fabrics to Bacterial Growth	FRIENDSWOOD HIGH SCHOOL
Space Center Housotn	Saad	Nadeem	Space Center Houston - RISE Sr 2nd	Formulating an Affordable yet Medically Supervised 3D Printed Vein Reader For Disadvantaged Nations	CLEAR BROOK HIGH SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Space Center Housotn	Muhammad	Zain	Space Center Houston - RISE Sr 2nd	Formulating an Affordable yet Medically Supervised 3D Printed Vein Reader For Disadvantaged Nations	CLEAR BROOK HIGH SCHOOL
Space Center Housotn	Kristyn	Delgado	Space Center Houston - RISE Sr 3rd	The use of Biometric Sensors and Neural Networks to Determine a Person's Cognitive Workload	CLEAR BROOK HIGH SCHOOL
SPE GCS Society of Petroleum Engineers	Neel	Narayan	1st Place SPE GCS	Highly Porous Metal Bio-Polymer Frameworks For Carbon Dioxide Capture	Narayan Homeschool
SPE GCS Society of Petroleum Engineers	Zhi-Wei	Zeng	2nd Place SPE GCS	Facile Synthesis of Super Hydrophobic Sponge for Underwater Oil-Water Separation	Zeng Homeschool
SPE GCS Society of Petroleum Engineers	Betul	Kaya	3rd Place SPE GCS	Don't Mess With Nanosponge!	Harmony School of Excellence - MS Sugar Land
SPE GCS Society of Petroleum Engineers	Lochana	Kalyanaraman	Honorable Mention SPE GCS	The Quest for Oil: A Statistical Analysis	YOUNG WOMEN'S COLLEGE PREPARATORY ACADEMY H S
The Dilorio Foundation	Anisha	Parsan	1st Jr	Backseat Driver - Smart Posture Assistant Seating System for Drivers	FORT SETTLEMENT MIDDLE SCHOOL
The Dilorio Foundation	Yaneli	Roman	1st Jr R&MI	A Solution for Water Pollution	YES Prep Middle School

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
The Dilorio Foundation	Mehul	Mittal	1st Sr	Examining the effects of the synthetic thyroid hormone receptor agonist GC1 in beta-andrenergic receptorless mice	Dulles HS
The Dilorio Foundation	Vinay	Mannem	1st Sr R&MI	Developing an Autonomous Device Based on Ultrasonic Sensors in Order to Allow the Visually Impaired to Walk Safely and Confidently	ACADEMY OF SCIENCE AND TECHNOLOGY
The Dilorio Foundation	Sneha	Sinha	2nd Jr	Infant Protection in Overheating Cars	QUAIL VALLEY MIDDLE SCHOOL
The Dilorio Foundation	Jasmine	Chou	2nd Jr	Infant Protection in Overheating Cars	QUAIL VALLEY MIDDLE SCHOOL
The Dilorio Foundation	Kumaran	Selva	2nd Sr	Microlens-enhanced flexible gallium arsenide microcell array for low-cost, roof-top photovoltaics for automobiles	CLEAR LAKE HIGH SCHOOL
The Dilorio Foundation	Braedann	Adams	3rd Jr	Anticoagulants v.s. Coagulation	MAGNOLIA JR. HIGH
The Dilorio Foundation	Conrad	Schmitt	3rd Sr	Frequency of Elementary Particles, Matter vs Antimatter	BUSH HIGH SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
The Dilorio Foundation	Siddhanth	Pachipala	4th Jr	Heeding the Herd	MCCULLOUGH JUNIOR HIGH SCHOOL
The Krishen Foundation for Arts and Sciences	Siri	Harris-Ryden	Certificate of Excellence to First Place Winner in Biology - Jr	Briny Bread	SEABROOK INTERMEDIATE
The Krishen Foundation for Arts and Sciences	Roopa	Pabolu	Certificate of Excellence to First Place Winner in Chemistry - Jr	Spherification - Alternate for Plastic	MCCULLOUGH JUNIOR HIGH SCHOOL
The Krishen Foundation for Arts and Sciences	Zhi-Wei	Zeng	Certificate of Excellence to First Place Winner in Chemistry - Sr	Facile Synthesis of Super Hydrophobic Sponge for Underwater Oil-Water Separation	Zeng Homeschool
The Krishen Foundation for Arts and Sciences	Brendan	Alam	Certificate of Excellence to First Place Winner in Mathematics	Implementing Econophysics to Predict Mixed Migrations	ACADEMY OF SCIENCE AND TECHNOLOGY
The Krishen Foundation for Arts and Sciences	Emily	Troutman	Certificate of Excellence to First Place Winner in Mathematics - Jr	Optimizing Crowd Emergency Evacuation Response Time Using Pedestrian Evacuation Dynamics, Monte Carlo Simulation, and Nash Equilibrium Theory	LEAGUE CITY INTERMEDIATE SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
The Krishen Foundation for Arts and Sciences	Arnav	Garyali	Certificate of Excellence to First Place Winner in Medicine/Health - Sr	TMZ+X: siRNA-based synthetic lethal screening and synergism with TMZ as a novel approach to inhibition of proliferation in GBM	Dulles HS
The Krishen Foundation for Arts and Sciences	Adarsha	Pokkulandra	Certificate of Excellence to First Place Winner in Medicine/Health - Sr	TMZ+X: siRNA-based synthetic lethal screening and synergism with TMZ as a novel approach to inhibition of proliferation in GBM	Dulles HS
The Krishen Foundation for Arts and Sciences	Kaitlyn	Bird	Certificate of Excellence to First Place Winner in Physics - Jr	How Does Kite Design Affect Flight?	MCCULLOUGH JUNIOR HIGH SCHOOL
The Krishen Foundation for Arts and Sciences	Sebastian	Saenz	Certificate of Excellence to First Place Winner in Physics - Sr	Faraday's Return	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Lab Notebook	Siddharth	Krishnakumar	Senior Lab Notebook 1st	Postural Dysfunction Sensors for Assisted Living	Glenda Dawson Homeschool - Krishnakumar
UH STEM Center - Lab Notebook	Addison	Rosenbaum	Senior Lab Notebook 2nd	Assessing the Best Plant Type to be Exposed to Carbon Dioxide and Grown in Vertical Gardens	ACADEMY OF SCIENCE AND TECHNOLOGY

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
UH STEM Center - Lab Notebook	Shuwen	Ong	Senior Lab Notebook 3rd	Phyt-ing Pharmaceutical Pollution With Phytoremediation	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Lab Notebook	Katherine	Zhao	Senior Lab Notebook 3rd	Phyt-ing Pharmaceutical Pollution With Phytoremediation	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Nathan	Pyne	Peggy Levy Award	Lizards in Hurricanes	Edwards-Johnson Memorial Middle School
UH STEM Center - Peggy Levy	Anisha	Parsan	Peggy Levy Award	Backseat Driver - Smart Posture Assistant Seating System for Drivers	FORT SETTLEMENT MIDDLE SCHOOL
UH STEM Center - Peggy Levy	Andrew	Miller	Peggy Levy Award	A Novel Biosynthetic Pathway for In Vivo Synthesis of d-Luciferin in Escherichia coli	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Jack	Paylor	Peggy Levy Award	Predicting Sporadic E and Tropospheric Ducting to Enable for Long Distance VHF Communication	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Steven	Drabant	Peggy Levy Award	Predicting Sporadic E and Tropospheric Ducting to Enable for Long Distance VHF Communication	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	David	Bonsu	Peggy Levy Award	Revolutionizing The conversion of Biomass to Biofuel	Harmony School of Innovation - HS Sugar Land

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
UH STEM Center - Peggy Levy	Yashas	Salankimatt	Peggy Levy Award	Developing A Cost-Efficient System to Remotely Monitor Physical Therapy Exercise	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Andrew	Yu	Peggy Levy Award	Developing A Cost-Efficient System to Remotely Monitor Physical Therapy Exercise	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Shobha	Dasari	Peggy Levy Award	Developing A Cost-Efficient System to Remotely Monitor Physical Therapy Exercise	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Tarali	Fincke	Peggy Levy Award	Microfluidics: Separating Cells Through Microchannels	CLEAR LAKE HIGH SCHOOL
UH STEM Center - Peggy Levy	Rebecca	Wiley	Peggy Levy Award	Microfluidics: Separating Cells Through Microchannels	CLEAR LAKE HIGH SCHOOL
UH STEM Center - Peggy Levy	Hayley	Jue	Peggy Levy Award	Comparing the Toxicity of Chemical and Organic Pesticides on Human Gut Bacteria Equilibrium	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Brendan	Alam	Peggy Levy Award	Implementing Econophysics to Predict Mixed Migrations	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Peggy Levy	Sebastian	Saenz	Peggy Levy Award	Faraday's Return	ACADEMY OF SCIENCE AND TECHNOLOGY

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
UH STEM Center - Peggy Levy	Jayanth	Pratap	Peggy Levy Award	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
UH STEM Center - Peggy Levy	Naail	Lakhani	Peggy Levy Award	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
UH STEM Center - Peggy Levy	Abhinav	Sinha	Peggy Levy Award	PanOculus: A Novel, Multifaceted Diagnostic Tool for Skin Cancer, Diabetic Retinopathy, and Otitis Media Powered by Deep Learning	Dulles HS
UH STEM Center - Poster Contest	Shreya	Monthusan Kara	Poster Contest- 1st Place Junior Division		Garcia Middle School
UH STEM Center - Poster Contest	Princess	Hart	Poster Contest- 1st Place Senior Division		Alief Early College High School
UH STEM Center - Poster Contest	Tina	Tran	Poster Contest- 2nd Place Junior Division		Macario Garcia Middle School
UH STEM Center - Poster Contest	Gabriel	Pulgar Grau	Poster Contest- 2nd Place Senior Division		Alief Early College High School
UH STEM Center - Poster Contest	Shaan	Charolia	Poster Contest- 3rd Place Junior Division		Macario Garcia Middle School

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
UH STEM Center - Poster Contest	Meggy	Tran	Poster Contest- 3rd Place Senior Division		Alief Early College High School
UH STEM Center - Poster Contest	Nicole	Diny	Poster Contest- Honorable Mention Place Junior Division		Macario Garcia Middle School
UH STEM Center - Poster Contest	Emma	Johnson	Poster Contest- Honorable Mention Place Senior Division		William B. Travis High School
UH STEM Center - Writing Contest	Alex	Maze	Writing Contest- 1st Place Junior Division	Take it with a grain of salt: Microplastic in Salt	Baylor College of Medicine Academy at Ryan
UH STEM Center - Writing Contest	Gian	Arpino	Writing Contest- 1st Place Senior Division	Turbidity Treatment of Surface Water Using Moringa oleifera Seed Powder	Eisenhower 9th Grade School
UH STEM Center - Writing Contest	Neela	Ravi	Writing Contest- 2nd Place Junior Division	Rise of the Mold	Baylor College of Medicine Academy at Ryan
UH STEM Center - Writing Contest	Clara	Victorio	Writing Contest- 2nd Place Senior Division	Removing Microplastics From Wastewater: Increasing the Efficiency of Electrocoagulation	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center - Writing Contest	Elizabeth	Hawes	Writing Contest- 3rd Place Junior Division	A New Gym Plan	Baylor College of Medicine Academy at Ryan
UH STEM Center - Writing Contest	Harry	Crocker	Writing Contest- 3rd Place Senior Division	Can Oranges Fuel the World?	ACADEMY OF SCIENCE AND TECHNOLOGY

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
UH STEM Center 9th Grade	Robert	Stacks	Ninth Grade Rising Star Award First Place	Recreating the Electrolyte: A Method of Recycling Corroded Batteries	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center 9th Grade	Andy	Shen	Ninth Grade Rising Star Award Honorable Mention	The Development of an Early Wildfire Detection Device	ACADEMY OF SCIENCE AND TECHNOLOGY
UH STEM Center 9th Grade	Ananya	Kamath	Ninth Grade Rising Star Award Second Place	Long Chain Fatty Acids (LCFAs) C 14-22: A Suitable Renewable Lipid Source for Biofuel Production	CLEAR LAKE HIGH SCHOOL
UH STEM Center 9th Grade	Sebastian	Velasquez	Ninth Grade Rising Star Award Third Place	Gimbals, and stabilizers	BUSH HIGH SCHOOL
University of Houston Department of Curriculum and Instruction Science Education	Clara	Victorio	1st UH Science Education Award (Senior Division)	Removing Microplastics From Wastewater: Increasing the Efficiency of Electrocoagulation	ACADEMY OF SCIENCE AND TECHNOLOGY
University of Houston Department of Curriculum and Instruction Science Education	Siddhanth	Pachipala	1st University of Houston Science Education Award (Junior)	Heeding the Herd	MCCULLOUGH JUNIOR HIGH SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
University of Houston Department of Curriculum and Instruction Science Education	Perla	Parra	2nd UH Science Education Award (Senior Division)	Accuracy of Eyewitness Testimony	YES Prep High School
University of Houston Department of Curriculum and Instruction Science Education	Cassandra	Toler	2nd University of Houston Science Education Award (Junior)	Reflection Disinfection	LEAGUE CITY INTERMEDIATE SCHOOL
University of Houston Department of Curriculum and Instruction Science Education	Chi	Cap	3rd UH Science Education Award (Senior Division)	Keep the Heat Out: Making Thermal Insulating Paint	ALIEF EARLY COLLEGE HIGH SCHOOL
University of Houston Department of Curriculum and Instruction Science Education	Zuri	Casey	3rd University of Houston Science Education Award (Junior)	Bombastic bio-plastic	Jones MS
Water Environment Association of Texas	Zaina	Siddiqi	Junior Division 1st place	Chemical Solutions to Eutrophication	MCCULLOUGH JUNIOR HIGH SCHOOL
Water Environment Association of Texas	Ethan	Kidwell	Junior Division 2nd place	Eutrophication Situation: What is the Effect of Organic and Non-Organic Fertilizer on Algae Growth in Brackish Water?	KNOX JUNIOR HIGH SCHOOL

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Water Environment Association of Texas	Vera	Geppert	Junior Division 3rd place	Coanda-Effect Screen Performance in Water Intake Cleaning Systems	SEABROOK INTERMEDIATE
Water Environment Association of Texas	Gian	Arpino	Senior Division 1st place	Turbidity Treatment of Surface Water Using Moringa oleifera Seed Powder	Eisenhower 9th Grade School
Water Environment Association of Texas	Clara	Victorio	Senior Division 2nd place	Removing Microplastics From Wastewater: Increasing the Efficiency of Electrocoagulation	ACADEMY OF SCIENCE AND TECHNOLOGY
Water Environment Association of Texas	Camille	Chuduc	Senior Division 3rd place	A Water Filtration Device To Detect and Purify Fluoride	CLEAR BROOK HIGH SCHOOL
Center for Innovations in Quality, Safety, and Effectiveness (IQuEST)	Amy	Nguyen	IQuEST Award	Musical Comprehension	Elmer G. Bondy Intermediate
Center for Innovations in Quality, Safety, and Effectiveness (IQuEST)	Celeste	Trevino	IQuEST Award	Sausage and Facts	Mead Middle School
Center for Innovations in Quality, Safety, and Effectiveness (IQuEST)	Soumya	Somani	IQuEST Award	From synaptic activity to conscious thought, how technology is changing children.	The Woodlands College Park High School

Special Awarding Agency	Student First Name	Student Last Name	Name of Award	Project Title	School Name
Center for Innovations in Quality, Safety, and Effectiveness (IQuEST)	Adarsha	Pokkulandra	IQuEST Award	TMZ+X: siRNA-based synthetic lethal screening and synergism with TMZ as a novel approach to inhibition of proliferation in GBM	Dulles High School
Center for Innovations in Quality, Safety, and Effectiveness (IQuEST)	Arnav	Garyali	IQuEST Award	The Insulin Battle: Raspberry Pi VS Sugar Pie	Quail Valley Middle School