

Category	Students	Project Name	School
Junior Engineering	Lucy Do	Data At The Speed Of Light	St. Helen Catholic School
Junior Life Sciences	Sophia Rice	Can Positive Peer Mentorship Improve Anxiety?	McCullough Junior High
Junior Physical Sciences	Clare McKenna	Factors Affecting Enzyme Catalysis in the Catalase Enzyme via Yeast	McCullough Junior High
Senior Engineering	Kaitlyn Bird	BLA Wing: Boundary Layer Adhesion Prototype to Minimize Aircraft Stalling via Wind Tunnel Testing Apparatus	Academy of Science and Technology
Senior Engineering	Sophie Melancon	Fabrication of a radiopaque resorbable polymer for medical device development	Kinder HS for the Performing and Visual Arts
Senior Engineering	Sumana Subramanian	Modelling Lunar Drivetrain Technology Through the Design of A Differential Swerve Module	Clear Brook High School
Senior Engineering	Ayaan Dhuka, Landon Doughty, Caiman Moreno-Earle	Easy AED: An Autonomous VTOL Emergency Equipment Delivery Drone	ST. JOHN'S SCHOOL
Senior Life Sciences	Melina Kumar	WHY IS THE MARE ACTING LIKE A STALLION: NOVEL TESTS TO DIAGNOSE GRANULOSA CELL TUMOR (GCT)	Clear Lake High School
Senior Life Sciences	Rhea Ahuja, Aryan Shah	Projective Tests as Windows to the Mind: Exploring Correlations Between Verbal Narratives and Anxiety Levels in Teenagers	Clements High School
Senior Life Sciences	Patrick McKenna	BioVision: A Novel In-Silico Drug Discovery Pipeline to Predict Drug Candidates for Non-Small Cell Lung Cancer	Academy of Science and Technology
Senior Life Sciences	Anshul Desai, Felix Li	Utilizing the Optimized Starch Content within Lemna minor to Synthesize Biodegradable Plastics	Academy of Science and Technology
Senior Physical Sciences	Inu Baek	A Smart Wheel Cover System for Optimizing the Range of Automobiles	Academy of Science and Technology
Senior Physical Sciences	Anna Oliva	Symmetry, fixed points and quantum billiards: A confluence of ideas	Carnegie Vanguard HS
Senior Physical Sciences	Jesse Miller	Investigating the use of Parallel Computing with Quantum Computers	Academy of Science and Technology
Senior Physical Sciences	Ishan Pendyala	Developing Epileptic Activity and Trigger Content Detection Software using a Computer - Based Application for Real Time Monitoring and Seizure Reporting	Friendswood High School