

Chicago Public Schools 2025 Symposium Participants

#	Type*	Entrant	Grade	Project Title	School Name
Aerospace Science					
601	E	Bernstein, Nicholas	10th	The Effect of Taper Ratio on Lift/Drag Ratio	Lane Tech College Prep
602	E	Hui, Ethan	11th	Effect of Airfoil Serration Density on Noise	Lane Tech College Prep
603	E	Jones, Olivia	11th	Effect of Green Oxidizers on Specific Impulse	Lane Tech College Prep
Agriculture					
604	E	Diaz, Elena	10th	Microgravity's Effect on Mung Bean Growth	Amundsen High School
Astronomy					
605	E	Harold, Ramona	10th	CMEs and Solar Flares on SEP Events	Amundsen High School
606	E	Long, Bu	11th	Chemical Abundances in High Redshift Galaxies	Payton College Prep
607	D	Weber, Eva	12th	Exoplanet Detection via Radial Velocity	Northside Prep
Behavioral Science					
608	E	Kwiek, Julia	11th	Pronoun Relations In Social Media (PRISM)	Northside Prep
609	E	Queiroz, Isadora	9th	The Power of Suggestion	Amundsen High School
610	E	Suckow, Daphne	10th	The Effect of Aphantasia on Visual Memory	Lane Tech College Prep
Biochemistry					
611	E	Ba, Emily	11th	Effect of the Gut Microbiome on C8H9NO2 Tox	Lane Tech College Prep
612	D	Landeros, Diego	11th	Nitroisoxazole GPX4 Inhibitor Conjugate	Lane Tech College Prep
Cellular & Molecular Biology					
613	E	Kim, Eric	11th	The Potential of PACAP to Treat TBI	Payton College Prep
614	D	Viniak, Saatvik	9th	Drugging the "Undruggable" Cancer, HCC	Payton College Prep
Chemistry					
615	E	Weisgerber, Saskia	9th	The Effect of Chill Time on Tensile Strength	Lane Tech College Prep
Computer Science					
616	D	Spatz, Maya	10th	Colored Light Alerts On Blood Glucose Control	Lane Tech College Prep
Earth Science					
617	E	Bhushan, Adya	10th	Effect of Lunar Regolith on Plant Biomass	Lane Tech College Prep
Engineering					
618	D	Lee, Adrian	12th	Automating Denitrification by Electrolysis	Lane Tech College Prep
619	D	Osuji, Divinefavour	12th	Sensor Fusion and Materials in Health Monitor	Lane Tech College Prep

* Type

E-Experimental

D-Design

M-Mathematics

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Environmental Science					
620	E	Cagua, Elliana	10th	A Water Filter From Nature	Amundsen High School
621	E	Coomer, Riley	11th	Effect of Seasons on Urban Algae Biodiversity	Lane Tech College Prep
622	E	Czempinski, Alexand	12th	EffectofSpringtailsonInvertebrateDiversity	Lane Tech College Prep
623	E	Lukian, Jason	11th	Effect of Coral Reef Species Against Flooding	Lane Tech College Prep
624	E	Marchan, Yairely	11th	Effect of Remediation on Allelopathy	Lane Tech College Prep
625	E	Rajaie, Payman	11th	The Effect of Road Salt on Plant Biodiversity	Lane Tech College Prep
626	E	Tataryn, Anna	11th	Effect of Mulch from Waste on Plant Growth	Lane Tech College Prep
627	D	Wu, Leah	11th	Factors Infuencing Hydrogen Production	Payton College Prep
Health Science					
628	E	Joshi, Anaya	11th	Retinal Ganglion Cell Degeneration inGlaucoma	Payton College Prep
629	E	Ream, Landra	12th	Optimizing cisplatin outcomes via expression	Lane Tech College Prep
Materials Science					
630	E	Schieleit, Ella	12th	MOF Carbon Dioxide Adsorpt & Regention Potent	Northside Prep
Mathematics					
631	M	Jones, Bogdan	11th	Twisted Prime Pairs	Payton College Prep
632	M	Yu, Sophie	9th	Catalan Sequences and Transformations	Payton College Prep
Microbiology					
633	E	Kim, Daniella	10th	The Effect of SLS and CaCO3 on Oral Bacteria	Lane Tech College Prep
634	E	Rimando, Gianne	10th	Effect of Ultrasound on Algae Photosynthesis	Lane Tech College Prep
635	E	Shah, Nayana	12th	The Effect of aBL Intervals on S. Epidermidis	Lane Tech College Prep
636	E	Stofko, Griffin	12th	Effect of BPA on E. coli OMP Expression	Lane Tech College Prep
637	E	Surgit, Lana	11th	Effect of Supplements on CVD	Lane Tech College Prep
Pysics					
638	E	Curry, Sophia	10th	Hand-Powered Electrical Generator	Amundsen High School
639	E	Marquez, Andrea	12th	ShatterZone	Carver Military Academy

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