



Golden Gate STEM Fair

GGSF Bill Tobin Award

Adam Cheong	Why Do Vertebrates Have Decussated Corticospinal Tracts?	Proof School
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GGSF Bob Rice Award

Wilson Chen	Understanding the Distribution of Particles In Microgravity for Liver Tissue Engineering	St. Ignatius College Prep
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GGSF Paul Callahan Award

Anna Waldova	GPT vs. YOU	St. Anne School
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GGSF Ted Beck Award

Ralph izotov	Which Enzyme Does it Best?	St. Anne School
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American Chemical Society

George Brown V	Keep It Fresh: What Is The Best Method to Preserve Organic Strawberries And Make Them Last Longer?	Stratford Middle School (San Francisco)
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American Psychological Association

Sonia Bohuslav	The Truth Behind Food Date Labels	Adda Clevenger School
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Association for Women Geoscientists

Chiara Luey	Sustainable Transportation: A Novel Attachable Device for Automotive Tailpipes to Convert Carbon to Ethanol by Metal-Organic-Framework and Copper Catalyst Combination	Crystal Springs Uplands School
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CAPS Prize

Ralph izotov	Which Enzyme Does it Best?	St. Anne School
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Grand Prize

Alexander Pardo	Leveraging AI Voices for Improvement	Ecole Notre Dame Des Victoires School
Jordan Prawira	PuraFlo: Centrifugation-based Water Filtration System to Reduce Turbidity in Water Treatment and Ecosystems	Mountain House High School
Luke Birtwhistle	Fast and Furious!	St. Brendan School
Theodore Catrini	How The Germination Of Eschscholzia Californica (California Poppy) and Phacelia Campanularia (California Bluebell) When Subjected To Eucalyptol From Eucalyptus Trees Is Affected by Chicken Manure And Ammonium Plant Supplement	Archie Williams High School

Lemelson

Cara Lee	AQUASENT-TMMAE: A Novel Self-Supervised Learning Method for Water Quality Monitoring with Remote Sensing	Woodside Priory School
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NASA Earth System Science Award



Justin Tha	Different Types Of Waters' Effect On Microgreens' Growth and Flavor	Central Middle School
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National Oceanic and Atmospheric Administration

Samantha Poblano	The effect of habitat on the number of adult ticks collected from a California Bay Area Regional Park	Marin Academy
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NCIFT

Sophia Risk	Edible Alchemy Featuring KEFIR	Adda Clevenger School
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Office of Naval Research - U.S. Navy / U.S. Marine Corps

Camille Chu	A Novel Computer Vision Approach to Sickle Cell Detection	Nueva School
Cara Lee	AQUASENT-TMMAE: A Novel Self-Supervised Learning Method for Water Quality Monitoring with Remote Sensing	Woodside Priory School
Eylul Sahin	Filtering with Nature's Touch	St. Monica School
Thaze Antonio	PHYT CLUB	St. Brendan School

Regeneron Biomedical Science Award

Saskia Botha	Circulome: Single-cell morphological characterization of non-native cells circulating in the blood, a method for early detection of metastasis and non-invasive biopsies	Crystal Springs Uplands School
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Ricoh USA, Inc.

Jordan Prawira	PuraFlo: Centrifugation-based Water Filtration System to Reduce Turbidity in Water Treatment and Ecosystems	Mountain House High School
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Society for In Vitro Biology

Nathaniel Johnson	Fucoidan's Effect on Breast Cancer Cells in Vitro at Different Concentrations	The Branson School
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Stockholm Water Prize

Bosman Botha	Application of Ferrofluid Nanotechnology to Clean Oil Spills	Crystal Springs Uplands School
Charlize Arriola	Drawing Water Out of Thin Air: Semi-Automatic Dew Collection with Arduino-Controlled Peltier Modules and Cacti-Inspired Biomimicry	Crystal Springs Uplands School
Chloe Chen	Drawing Water Out of Thin Air: Semi-Automatic Dew Collection with Arduino-Controlled Peltier Modules and Cacti-Inspired Biomimicry	Crystal Springs Uplands School
Ethan Guo	Faucet3D: 3D Printed Copper-Oxide infused PLA Water Faucet created using Onshape and optimized with Prusaslicer with a cost of under 1\$	Crystal Springs Uplands School
Jordan Prawira	PuraFlo: Centrifugation-based Water Filtration System to Reduce Turbidity in Water Treatment and Ecosystems	Mountain House High School

Thermo Fisher Scientific Junior Innovators Challenge Nominee

Adrienne Hisatake	Will Placing a Mirror Over Solar Panels Increase the Millivolts Collected?	Stratford Middle School (San Francisco)
Alexander Pardo	Leveraging AI Voices for Improvement	Ecole Notre Dame Des Victoires School



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George Brown V	Keep It Fresh: What Is The Best Method to Preserve Organic Strawberries And Make Them Last Longer?	Stratford Middle School (San Francisco)
Madeline Talbott	DNA Fields Forever	St. Brendan School
Oriana Rayner	Emotional Carnage	Ecole Notre Dame Des Victoires School
Ralph izotov	Which Enzyme Does it Best?	St. Anne School
Sonia Bohuslav	The Truth Behind Food Date Labels	Adda Clevenger School
Sophia Dunton	Cultivating Colors	Adda Clevenger School

U.S. Agency for International Development (USAID)

Elliott Matschoss	(Soda) Pop Goes the Enamel!	Ecole Notre Dame Des Victoires School
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U.S. Metric Association

Adam Erlebacher	Chemotaxis of C. elegans in response to different foods	Menlo-Atherton High School
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United States Air Force

Aadi chitlangia	Antibacterial and Fluorescence Properties of 10 Common Spices from India and Iran	Terra Linda Middle School
Charlize Arriola	Drawing Water Out of Thin Air: Semi-Automatic Dew Collection with Arduino-Controlled Peltier Modules and Cacti-Inspired Biomimicry	Crystal Springs Uplands School
Chloe Chen	Drawing Water Out of Thin Air: Semi-Automatic Dew Collection with Arduino-Controlled Peltier Modules and Cacti-Inspired Biomimicry	Crystal Springs Uplands School
Frances Liang	Assessing AlphaFold's Structural Predictions: An Analysis of Prediction Accuracy, Confidence, and Sequence Homology Effects on Unseen Protein Structures	The Nueva School
Neek Asayesh	Antibacterial and Fluorescence Properties of 10 Common Spices from India and Iran	Terra Linda Middle School
Rivka Lipkovitz	Are fencing referees biased in favor of fencers from their own region?	Proof School

Yale Science and Engineering Association

Wilson Chen	Understanding the Distribution of Particles In Microgravity for Liver Tissue Engineering	St. Ignatius College Prep
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Yerba Buena Plant Society

Samantha Poblano	The effect of habitat on the number of adult ticks collected from a California Bay Area Regional Park	Marin Academy
Theodore Catrini	How The Germination Of Eschscholzia Californica (California Poppy) and Phacelia Campanularia (California Bluebell) When Subjected To Eucalyptol From Eucalyptus Trees Is Affected by Chicken Manure And Ammonium Plant Supplement	Archie Williams High School