



**2024 Contra Costa County Science & Engineering Fair  
PROJECT PLACEMENTS & SPECIAL AWARDS**

**SENIOR DIVISION GRAND SWEEPSTAKES WINNERS (9th - 12th Grades)  
and INTERNATIONAL SCIENCE & ENGINEERING FAIR FINALISTS**  
These projects will represent CCCSEF at the Regeneron International Science & Engineering Fair (ISEF)  
to be held May 12-17, 2024 in Los Angeles.

CATEGORY	GRADE	TITLE	STUDENT	SCHOOL	SPECIAL AWARD
Biology	12	Breastmilk: Nature's Vaccine Against COVID-19	Vaishnavi Kolluru	Dougherty Valley High	Senior Sweepstakes California Science & Engineering Fair Bio-Rad Laboratories, \$100
Engineering	10	Development of a Multi-Sensor System to Prevent Child Vehicular Heatstroke	Clara Kerr	The Athenian School	Senior Sweepstakes California Science & Engineering Fair
Math/Computer Science	11	SCOMAE: A method to diagnose Tuberculosis from cough sounds using Supervised COntrastive Masked AutoEncoders	Faisal Nabulsi, Michael Xu	Acalanes High	Senior Sweepstakes California Science & Engineering Fair Chevron, \$500 Yale Science & Engineering Assn.

**JUNIOR DIVISION GRAND SWEEPSTAKES WINNERS (7th-8th Grades)**  
These students are eligible to compete for a place at the  
**Thermo Fisher Junior Innovators Challenge held in October 2024 in Washington, DC.**

CATEGORY	GRADE	TITLE	STUDENT	SCHOOL	SPECIAL AWARD
Biology	8	Medical Drug Effect On Planarian Learning and Memory	Jasper Shi	Windemere Ranch Middle	Junior Sweepstakes California Science & Engineering Fair Bio-Rad Laboratories, \$100
Environmental	7	Smart AI enabled IOT System to Detect and predict trends of Toxic gases for Industrial Communities	Jainil Trivedi	Gale Ranch Middle	Junior Sweepstakes California Science & Engineering Fair
Environmental	8	Let's Photosynthesize	Fidel Leanos	St. John the Baptist	Junior Sweepstakes California Science & Engineering Fair

**California Science & Engineering Fair Finalists**  
(Only 18 are selected for this honor.)  
The California Science & Engineering Fair will be held virtually April 11, 2024.

CATEGORY	GRADE	TITLE	STUDENT	SCHOOL	SPECIAL AWARD
Biology	8	Medical Drug Effect On Planarian Learning and Memory	Jasper Shi	Windemere Ranch Middle	Junior Sweepstakes California Science & Engineering Fair Bio-Rad Laboratories, \$100
Biology	9	Effect of Withania Somnifera (Ashwagandha) root powder on planarian regeneration	Keerthi Eraniyan	California High	California Science & Engineering Fair CytomX, \$30
Biology	10	Utilizing Neural Networks to Detect and Classify Skin Cancers	Prayag Gaonkar	Dougherty Valley High	California Science & Engineering Fair
Biology	11	Investigation of the Role of Vitamin C in reducing bladder cancer presence	Naina Chopra	Dougherty Valley High	California Science & Engineering Fair
Biology	12	Breastmilk: Nature's Vaccine Against COVID-19	Vaishnavi Kolluru	Dougherty Valley High	Senior Sweepstakes California Science & Engineering Fair Bio-Rad Laboratories, \$100

Engineering	9	A Noble Approach to Predict the Well-being of Wheat Plants Throughout their Life Cycle for Sustainable Agriculture	Shreyan Mitra	California High	California Science & Engineering Fair
Engineering	10	Development of a Multi-Sensor System to Prevent Child Vehicular Heatstroke	Clara Kerr	The Athenian School	Senior Sweepstakes California Science & Engineering Fair
Engineering	12	Zeolites: Caging Oil, Saving Oceans	Heather Hutchcraft	Carondelet High	California Science & Engineering Fair CCC Water/Waste Water, \$200 Martinez Refining Company, \$500 Assn for Women Geoscientists
Environmental Science	7	Smart AI enabled IOT System to Detect and predict trends of Toxic gases for Industrial Communities	Jainil Trivedi	Gale Ranch Middle	Junior Sweepstakes California Science & Engineering Fair
Environmental Science	8	Let's Photosynthesize	Fidel Leanos	St. John the Baptist	Junior Sweepstakes California Science & Engineering Fair
Environmental Science	11	Correlation of Global Ocean Abiotic Factors to Petroleum Hydrocarbon Bacteria Prevalence to Create a Model for Condition-Specific Bioremediation of Soluble Oil Contaminants	Vedant Kathrani	Dougherty Valley High	California Science & Engineering Fair Chevron, \$500 Martinez Refining Company, \$500
Environmental Science	12	World Wide Worms Determining the Viability of Industrial-Scale Biodegradation of Polyethylene via Galleria mellonella	Rachel Kimball	Carondelet High	California Science & Engineering Fair Mt. Diablo Resource Recovery, \$250
Math/Computer Science	9	Unveiling Deepfakes: Defending National Security	Vaishnav Anand	The Athenian School	California Science & Engineering Fair Martinez Refining Company, \$500
Math/Computer Science	10	Alzheimer's BARRIER - Beta-Secretase 1 Reduction for Amyloid Plaque Regulation through Inhibition Exploration and Research: A Drug Discovery Approach	Neel Banga	Dougherty Valley High	California Science & Engineering Fair Chevron, \$500
Math/Computer Science	11	SCOMAE: A method to diagnose Tuberculosis from cough sounds using Supervised COntrastive Masked AutoEncoders	Faisal Nabulsi, Michael Xu	Acalanes High	Senior Sweepstakes California Science & Engineering Fair Chevron, \$500 Yale Science & Engineering Assn.
Math/Computer Science	12	NeuroGuardian: A Multimodal Telemedical Neurodegenerative Monitoring System with Self-learning Predictive Analytics for Late-Stage Amyotrophic Lateral Sclerosis (ALS) Patients	Gatik Trivedi	Dougherty Valley High	California Science & Engineering Fair Chevron, \$500
Physical Science	10	Development of a Biodegradable Hybrid Inspired Paper Battery Powered by Carbon-Black with Origami Designs Applicable for Biomedical Smart Systems	Yizhou Wang, Yifan Shi	Dougherty Valley High	California Science & Engineering Fair
Physical Science	12	The Influence of Anthocyanin-Rich Foods and Cooling on the Digestibility of Cooked White Rice by A-Amylase	Beatrice Roberge	Campolindo High	California Science & Engineering Fair
<b>FIRST PLACE AWARDS</b>					
CATEGORY	GRADE	TITLE	STUDENT	SCHOOL	SPECIAL AWARD
Behavioral Science	7	Synesthesia and Memory	Bree Chan, Juleen Gong, Athena Wang	Diablo Vista Middle	
Behavioral Science	9	Empower Teens Breathwork to Tame Stress and Focus	Akshara Ajendla	Heritage High	American Phychological Association
Behavioral Science	11	Neuroscientific Insights into Implicit Bias Mitigation – Elucidating Neural Mechanism for Anti-Racist Interventions	Rishav Saravanan	Dougherty Valley High	
Biology	8	Medical Drug Effect On Planarian Learning and Memory	Jasper Shi	Windemere Ranch Middle	Junior Sweepstakes California Science & Engineering Fair Bio-Rad Laboratories, \$100
Biology	9	Effect of Withania Somnifera (Ashwagandha) root powder on planarian regeneration	Keerthi Eraniyan	California High	California Science & Engineering Fair CytomX, \$30
Biology	10	Utilizing Neural Networks to Detect and Classify Skin Cancers	Prayag Gaonkar	Dougherty Valley High	California Science & Engineering Fair
Biology	11	Investigation of the Role of Vitamin C in reducing bladder cancer presence	Naina Chopra	Dougherty Valley High	California Science & Engineering Fair
Biology	12	Breastmilk: Nature's Vaccine Against COVID-19	Vaishnavi Kolluru	Dougherty Valley High	Senior Sweepstakes California Science & Engineering Fair Bio-Rad Laboratories, \$100
Engineering	7	From Tap to Deuterium: A Journey to Home-made Heavy Water	Ethan Chen, Elias Sorkhabi	Diablo Vista Middle	The Quan Family Trust Award, \$100
Engineering	8	wheelchAlr	Sohum Joshi, Nikhil Prodhuturi	Diablo Vista Middle	

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Engineering	11	Using Serious Games for Mental Disorder Detection	Sania Bidurukontam	Dougherty Valley High	
Engineering	12	Zeolites: Caging Oil, Saving Oceans	Heather Hutchcraft	Carondelet High	California Science & Engineering Fair CCC Water/Waste Water, \$200 Martinez Refining Company, \$500 Assn for Women Geoscientists
Environmental Science	7	Smart AI enabled IOT System to Detect and predict trends of Toxic gases for Industrial Communities	Jainil Trivedi	Gale Ranch Middle	Junior Sweepstakes California Science & Engineering Fair
Environmental Science	8	Let's Photosynthesize	Fidel Leanos	St. John the Baptist	Junior Sweepstakes California Science & Engineering Fair
Environmental Science	10	The Impact of Different Types of Arbuscular Mycorrhizal Fungi on Bibb Lettuce Stress Tolerance	Pranav Nalam, Varun Ganti	Dougherty Valley High	The Quan Family Trust Award, \$100
Environmental Science	11	Correlation of Global Ocean Abiotic Factors to Petroleum Hydrocarbon Bacteria Prevalence to Create a Model for Condition-Specific Bioremediation of Soluble Oil Contaminants	Vedant Kathrani	Dougherty Valley High	California Science & Engineering Fair Chevron, \$500 Martinez Refining Company, \$500
Environmental Science	12	World Wide Worms Determining the Viability of Industrial-Scale Biodegradation of Polyethylene via Galleria mellonella	Rachel Kimball	Carondelet High	California Science & Engineering Fair Mt. Diablo Resource Recovery, \$250
Environmental Science	7	So The Blind Can Drive	Layla Jweinat	St. Isidore	Lemelson Early Inventor, \$100
Math/Computer Science	8	WARM : Waste Awareness through Remote Monitoring	Arjun Datta Chowdhury	Iron Horse Middle	
Math/Computer Science	9	Unveiling Deepfakes: Defending National Security	Vaishnav Anand	The Athenian School	California Science & Engineering Fair Martinez Refining Company, \$500
Math/Computer Science	10	Alzheimer's BARRIER - Beta-Secretase 1 Reduction for Amyloid Plaque Regulation through Inhibition Exploration and Research: A Drug Discovery Approach	Neel Banga	Dougherty Valley High	California Science & Engineering Fair Chevron, \$500
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Physical Science	10	Development of a Biodegradable Hybrid Inspired Paper Battery Powered by Carbon-Black with Origami Designs Applicable for Biomedical Smart Systems	Yizhou Wang, Yifan Shi	Dougherty Valley High	California Science & Engineering Fair
Physical Science	12	The Influence of Anthocyanin-Rich Foods and Cooling on the Digestibility of Cooked White Rice by A-Amylase	Beatrice Roberge	Campolindo High	California Science & Engineering Fair
<b>SECOND PLACE AWARDS</b>					
CATEGORY	GRADE	TITLE	STUDENT	SCHOOL	SPECIAL AWARD
Behavioral Science	7	Examining the seeds of Sterotypes	Sahana Muthu, Zoha Gulzar	Diablo Vista Middle	
Behavioral Science	7	Music to the Mind	Anushka Ojha, Vatsika Neelakandan	Diablo Vista Middle	
Behavioral Science	11	Diagnosing GERD based on reported symptoms after lifestyle changes.	Ayaz Ahmed	Dougherty Valley High	
Behavioral Science	11	How VR Affects Creativity	Sriya Veerapaneni	California High	
Biology	8	The Efficacy of Monosodium Glutamate as a Viable Fertilizer	Haani Khurshid, Dimitri Liveris	Diablo Vista Middle	
Biology	8	Varied pH Levels in Cilantro Growth	Serena Hicks, Amaya Jalal	Diablo Vista Middle	
Biology	9	Effects of Green Tea of Daphnia cardiovascular physiology	Laasya Munjeti	Dougherty Valley High	
Biology	10	The Recycling of Carbon Dioxide into Oxygen using Concentrated Chloroplasts	Evan Kamena	De La Salle High	

Biology	10	The Efficacy of Select Grasses in California and Drought Conditions	Shayaan Kashif	De La Salle High	CCC Water/Waste Water, \$100
Biology	11	Use CRISPR Technology to Develop Human Gene Enrichment Method for DNA Sequencing	Paige Zhong	Dougherty Valley High	Bio-Rad Laboratories, \$100
Biology	11	"Invasive Plant Growth: Resisting Herbicides and Surviving Under Stress"	Feyi Olatunji	Carondelet High	Dr. David Padgett Award, \$100
Biology	11	Antimicrobial Activity of Salicylic Acid Isomers	Aarush De	Dougherty Valley High	Chevron, \$500
Biology	12	Brucellosis Seroprevalence and Risk Factors Among High Risk Groups in Two Urban Sites in Kenya	Ananya Pinnamaneni	Dougherty Valley High	
Biology	12	Utility of Variational Autoencoders for De Novo Multi-Class CT Organ Segmentation	Neel Kondapalli	Dougherty Valley High	
Engineering	7	The Freeway to Sustainability	Aditi Arora	Joaquin Moraga Intermediate	Naval Science Award
Engineering	7	Bridge Buster	Andrew Dea, Ethan Coburn, Nicolas Preas	St. Patrick School	
Engineering	8	Eco-friendly Drying Machine	Sahasra Chappidi, Carolyn Ren	Diablo Vista Middle	
Engineering	9	Designing A Portable Spectrophotometer to Determine The Specific Gravity of a Urine Sample in Order to Detect Kidney Dysfunction	Rohan Goyal	Monte Vista High	US Metric Association
Engineering	10	GetBackUp: Lower back care and posture control device for lumbar spondylosis	Shiraz Zahoori	Campolindo High	Dr. Robert Markinson Award, \$100
Engineering	10	Autonomous Surface Vessel to Assist with Watercraft Safety	Lucas Katz	Campolindo High	Mt. Diablo Amateur Radio Club, \$100 Tremsin Award, \$100 Naval Science Award, \$50
Engineering	10	The development of a soft assistive knee compression sleeve for stroke survivors with lower limb paralysis	Krishna Goteti	Dougherty Valley High	John Henry Award, \$100
Engineering	10	Miniature Hollow Fiber Bioreactors for Cartilage Tissue Engineering	Summer Chang	Campolindo High	Bio-Rad Laboratories, \$100 Regeneron Biomedical Science Award, \$375
Engineering	11	Dear Menopause: Addressing Menopausal Hot Flashes through a Diagnostic and Self-Regulating System	Krishna Singhani	Monte Vista High	Kate Doherty Award, \$100
Environmental Science	7	Ocean Acidification	Ujjvala Sridhar, Neha Boban	Diablo Vista Middle	
Environmental Science	8	The effect of imidacloprid on honeybee learning ability	Ryan Zou	Windemere Ranch Middle	Martinez Refining Company, \$500
Environmental Science	10	The Effectiveness of a Fog Catcher	Pranathi Suserla	Dougherty Valley High	Naval Science Award, \$50
Environmental Science	11	Metals in Motion: Unveiling Soil Secrets for Ecosystem Resilience	Srishreya Arunsaravanakumar	Dougherty Valley High	
Environmental Science	11	Impact of Temporal Variability of Atmospheric River on California wildfire risk	Aiden Park	Dougherty Valley High	Ricoh USA, Inc.
Environmental Science	11	EcoSortAI: Smart Waste Segregation	Shivam Mohapatra, Akshat Singh	Dougherty Valley High	US Agency for International Development (USAID)
Environmental Science	12	A Compost-Face Off: Lomi vs. Traditional	Maddy Jerge	Carondelet High	Mt. Diablo Resource Recovery, \$250 NASA Earth System Science Award
Environmental Science	12	AquaRehab: Finding alternatives for Marine-Friendly Wastewater Treatment	Violet Le	Deer Valley High	CCC Water/Waste Water, \$200 National Oceanic & Atmospheric Administration Award
Environmental Science	12	Structure-Property Relations of Piezoelectric Materials and their Influence on the Piezoelectric Coefficient	Rishi Gopalasetty	Dougherty Valley High	Mt. Diablo Amateur Radio Club, \$100
Math/Computer Science	9	AI Phone Call	Adam Zheng	Campolindo High	
Math/Computer Science	9	Smart Fire Prevention System with AI	Michael Sun	Acalanes High	Gilbane, \$100
Math/Computer Science	10	FinRL: Deep Learning and Reinforcement Learning for Investing	Abhishek Jolad	Dougherty Valley High	
Math/Computer Science	10	Improving Recognition Models of Lost Dogs Using Machine Learning Techniques	Diego Kirsch	Las Lomas High	

Math/Computer Science	11	Illuminate: A novel approach for depression detection with explainable analysis and proactive prevention.	Aryan Agrawal	Dougherty Valley High	
Math/Computer Science	11	SOVAR: System of Visual Assistance and Recognition	Ken Huang	The Athenian School	
Math/Computer Science	11	Effective Resistance, Random Walk and Algorithms	Ruihan Zhang	The Athenian School	
Math/Computer Science	11	Using The Power of Machine Learning for Accurate Cancer Predictions	Devika Gopakumar	Dougherty Valley High	
Math/Computer Science	11	Can a neural network reduce false positives in breast cancer detection?	Kellen Hurrey	California High	
Math/Computer Science	11	Real-time Classification of Recyclables and Organic Materials Using Advanced Machine Learning	Prisha Marpu, Prasiddha Aravind	Dougherty Valley High & California High	
Math/Computer Science	11	GRIDOLA: A Resilient Linguistic Renewable Energy Grid Optimizer via Low-rank Approximations of Actor-Critic Algorithms	Surya Duraivenkatesh	Dougherty Valley High	
Math/Computer Science	11	SQLock: Preventing Unauthorized SQL Queries	Justin Wang	Dougherty Valley High	
Math/Computer Science	11	Enhancing Microdrone State Estimation: A Multi-Sensor Fusion Approach for Improved State Estimation in GPS Denied Environments	Yogya Mehrotra	Dougherty Valley High	
Math/Computer Science	11	Language Models for Bacteria Classification: From Pathogens to Probiotics	Anya Iyer	Dougherty Valley High	
Physical Science	8	High Impact	Sofia Seiden, Tyler Militar-Cross	St. Patrick School	
Physical Science	8	How Bird Wings Affect Flight	Ellie Moen, Allie Bauer	Diablo Vista Middle	Henkel Aerospace Highflyer, \$600
Physical Science	12	Green Synthesis and Scale Up of Binaphthol/Benzoquinone based Co-Crystals via Mechanochemistry	Siddarth Nagapudi	Dougherty Valley High	
Physical Science	12	WAGNS: A Study of X-Ray and Infrared Variability in Active Galactic Nuclei	William Lee	Deer Valley High	
Physical Science	12	Measuring the Cosmos: Identifying Pairs of Gravitationally Bound Galaxies through Intergalactic Distance Calculations	Hanna Johnson	Deer Valley High	
<b>THIRD PLACE AWARDS</b>					
<b>CATEGORY</b>	<b>GRADE</b>	<b>TITLE</b>	<b>STUDENT</b>	<b>SCHOOL</b>	<b>SPECIAL AWARD</b>
Behavioral Science	8	Dog-Log	Gitanjali Tummala, Stuti Goel	Los Cerros Middle	
Behavioral Science	12	Stress, Surprise, and Salivary Cortisol: What Do We Actually Know?	Megan Kavanagh	Carondelet High	
Biology	7	CancerGuard: Early Lung Cancer Detection with R-Guided Data Analysis	Githaa Ramann	Windemere Ranch Middle	
Biology	7	Sustainable Car	Veda Addanki, Anyoli Gupta	Diablo Vista Middle	
Biology	8	Hydrated Heroes	Sakina Ahmad, Sophie Jackman	Diablo Vista Middle	CCC Water/Waste Water, \$100
Biology	8	The Best Way To Disinfect Your Toothbrush	Amrit Bedi, Mariana Bron	Diablo Vista Middle	
Biology	9	Sweet Deception: Exposing Hidden Sugars in your Everyday Foods	Pratik Ganesh	California High	CytomX, \$35
Biology	9	Developing Machine Learning Models for Pneumonia Detection	Stephanie Lee	Campolindo High	
Biology	9	MRI Spy: Micro-structural Anomaly Detection in MRI scans of Patients with Alzheimer's Disease	Krishna Sreeneel	Dougherty Valley High	CytomX, \$35
Biology	9	Defying Gravity: The Amazing Cardiovascular System of Giraffes	Devika Nair	Monte Vista High	
Biology	10	The Use of Recycled Oyster Shells in Undergoing the Process of Filtration.	Clyde Ramos	De La Salle High	
Biology	10	IGenie	Maanit Patel	Dougherty Valley High	
Biology	10	The Growth of Synthetic Wood in a Laboratory Environment	Sebastian Doyle	De La Salle High	

Biology	11	Gas After Drinking Milk? The Most Effective Method of Ingesting Lactase Enzyme to Combat Deficiency	Vivian Wang	Campolindo High	
Biology	11	Do SNP Genes Affect Chinese Demographics Through Thyroid Disorders?	Iris Fan	Monte Vista High	
Biology	11	Trust Your Gut!	Soumya Pradhan	Dougherty Valley High	
Biology	12	React Fast! Stress levels in an urban environment.	Madison O'Connell	Carondelet High	
Engineering	7	Triangular Truss vs Bridge Rectangular	James McVay	Joaquin Moraga Intermediate	Naval Science Award
Engineering	7	Electrified Drinks: Light It Up	Kayla Mshiu, Meliya Quidachay	St. John the Baptist	
Engineering	8	Recycled Building Materials	Beckett Hurrey	Iron Horse Middle	Gilbane, \$100
Engineering	9	Repurposing Cardboard at home using "Shapemaker"	Arav Uttarwar	Campolindo High	
Engineering	9	Seawater Battery	Vanshika Tyagi	Heritage High	
Engineering	9	Renewable Solar RC Analysis	Soumit Buddhala, Preetam Muppidi	Dougherty Valley High	
Engineering	10	Solar Evaporation: The Key Solution to Recovering Lithium from Brine	Mifay Liu	Miramonte High	Naval Science Award, \$50
Engineering	10	Reserve Energy Source from Water Power	Johnny Cumbelich	De La Salle High	CCC Water/Waste Water, \$100
Engineering	11	Glucoscan: A Non-Invasive Approach to Glucose Monitoring	Varnika Sirasala	Dougherty Valley High	Bio-Rad Laboratories, \$100 Diane Gelinser Award, \$100
Engineering	11	HygiGlow	Naren Venkat, Abhinav Gondesi	Heritage High	CCC Water/Waste Water, \$400
Engineering	11	Use of Coralline Algae for Decarbonization	Rohan Sachin, Hasith Kadiyala	California High	
Engineering	11	The behavior of a sensor-motor-processor robot for application in human-assistive robotics	Bhavana Maram	Dougherty Valley High	
Environmental Science	8	Solar Powered Water Desalination	Aarush Pandit, Aaryan Gowthaman	Diablo Vista Middle	
Environmental Science	11	Integrated Sustainable Water Purification and Disinfection System (ISWPDS): An Advanced SODIS-based Approach for Holistic Removal of Multi-Contaminant Impurities in Potable Water Systems	Pranav Saravanan	Dougherty Valley High	
Math/Computer Science	9	Early Diagnosis of Diseases from Skin Scans Using Machine Learning	Ariel Liu	Dougherty Valley High	
Math/Computer Science	9	Study Buddy	Mislav Benko	Campolindo High	
Math/Computer Science	10	Using Machine Learning and Computer Vision to Predict Poses in Martial Arts	Vincent Aquino	Dougherty Valley High	
Math/Computer Science	11	Using Sensor Technology On Leaves For Analyzing Plant Health And Identifying Fixable Issues	Shreyas Potturu	Dougherty Valley High	
Physical Science	8	How the Salinity of Water Affects its Ability to Dilute Acid	Yusuf Keen, Ayush Sarkar	Diablo Vista Middle	
Physical Science	8	Aerodynamic Mechanic	Dez Panlilio	St. Patrick School	
Physical Science	12	The Milky Way and Beyond: Globular Clusters	Daejah Matier	Deer Valley High	Katherine Johnson Award, \$100
Physical Science	12	Gleaming Distance	Pamela Suarez	Deer Valley High	
<b>FOURTH PLACE AWARDS</b>					
<b>CATEGORY</b>	<b>GRADE</b>	<b>TITLE</b>	<b>STUDENT</b>	<b>SCHOOL</b>	<b>SPECIAL AWARD</b>
Biology	9	Creating The Right Microenvironment For Biologically Engineering a Kidney.	Madeline Carpenter	Campolindo High	
Biology	9	What if Cancer isn't your Fault	Rahul Gopalasetty	Dougherty Valley High	
Biology	11	Regrowing Lives: One Cell at a Time	Varun Challa	Dougherty Valley High	Society for In-Vitro Biology
Math/Computer Science	10	Skin Cancer Scan	Spoothi Bedadam	Dougherty Valley High	

Math/Computer Science	10	QueryCraft: AI - Powered Question Generator	Mahati Mettu	Dougherty Valley High	
Math/Computer Science	10	My Learning Assistant - AI enabled language therapy for neurodiverse students	Ilina Iyer	Monte Vista High	