

2026 Los Angeles County Science Fair Category Winners

ANIMAL BIOLOGY - JR J01

Harrison Lester Daniel Maoz	The Science Academy STEM Magnet (jr)	First Place J0102	<i>The Effect of Temperature on the Reproduction Rate on Isopods</i>
Sophia Krum	Richard Henry Dana Middle School	Second Place J0104	<i>Disrupting Hedgehog Signaling Alters Regeneration in Schmidtea mediterranea Planaria</i>
Amaal Solomon	Institute of Knowledge Middle School	Third Place J0105	<i>A Jolt to Regeneration: Dose-Dependent Neurostimulant Effects on Regenerative Kinetics in Schmidtea mediterranea</i>
Milania Agirian Annie Mansuryan Nicole Abovyan	Rose and Alex Pilibos Armenian School (Junior)	Recognition J0106	<i>Hear Less Dizzy Less?</i>
Zaheer Kathrada	Institute of Knowledge Middle School	Recognition J0107	<i>Born With A Mark: Evaluating Dermatoglyphic Pattern Similarity as a Function of Biological Relatedness</i>
Rafi Simonian	St. Gregory A & M Hovsepian School	Recognition J0101	<i>Aging Ambush</i>
Emily Tavadjian	C&E Merdinian Armenian Evangelical School	Recognition J0103	<i>Are Fingerprint Patterns Inherited</i>

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ANIMAL BIOLOGY - SR S01

Adam Lu	Palos Verdes Peninsula High School	First Place S0106	<i>Ant Engineering Across Scales: Linking Species Diagnosis to Nest Architecture and Validating Gel Substrate for High-Throughput Excavation Experiments</i>
Bella Cho	Harvard-Westlake School (Senior Division)	Second Place S0116	<i>Obesity reduces fertility in <i>Drosophila melanogaster</i></i>
Rebecca Bronshtein	The Webb Schools	Third Place S0119	<i>Exploring the Epigenetic Mechanisms of <i>D. melanogaster</i>: How a Methyl-Rich Diet Alters Protein Expression</i>
Claire Jung Cadence Chan Eleanor Davis	Flintridge Preparatory School	Hon. Mention S0107	<i>Differential Effects of Bisphenol A and Bisphenol S on Strobilation and Developmental Dynamics in <i>Aurelia aurita</i> Polyps</i>
Ruth Liorsdottir Chloe Pieterse	Flintridge Preparatory School	Hon. Mention S0113	<i>Dangers of Pharmaceutical Pollution: Impacts of Diphenhydramine and Ibuprofen on <i>Aurelia Aurita Ephyrae</i> Growth</i>
Nausheen Syed Janah Benyounes Zayneb Qazwini	Institute of Knowledge High School	Hon. Mention S0111	<i>Invisible Invasion: Comparative Developmental and Behavioral Toxicity of Microplastic Polymers in Zebrafish Embryos</i>
Kyle Yun Daniel Kim	Flintridge Preparatory School	Hon. Mention S0109	<i>The Effects of UV Radiation (A, B, C) on <i>Aurelia Aurita Ephyra</i> Growth</i>
Janina Bellon Mya Quiroz Samira Gomez	Pioneer High School	Recognition S0104	<i>Mealworm Diet vs. Development</i>
Maya Castillo Joline Hernandez	La Serna High School	Recognition S0105	<i>Why Do Pillbugs Appear Dark in Color?</i>
Wesley Cheung	Cabrillo Marine Aquarium	Recognition S0114	<i>Effects of Warty Sea Cucumber (<i>Parastichopus parvimensis</i>) Populations on SeaWater pH</i>
Minami Davies	Cabrillo Marine Aquarium	Recognition S0112	<i>Bio-orthogonal Protein Tag and Lipid Stain Fluorescence with Machine Learning Image Surveys to Analyze Brine Shrimp Growth Across Diets</i>
Marina Duran Sam Robles	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S0101	<i>The Anticancer Effects of Bromelain and Curcumin on Glioblastoma Cell Growth</i>
Avishi Goel Claire Buda	Crescenta Valley High School	Recognition S0118	<i>Stopping the Spread of Lyme Disease Through CRISPR</i>

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Carla McLemore	Crescenta Valley High School	Recognition S0103	<i>Breast Cysts in Adolescent Females: How Osmotic Conditions Influence Cyst Progression</i>
Chloe Peralta	San Pedro High School	Recognition S0102	<i>Life Beneath the Dock</i>
Hongzhi Tan	Southlands Christian Schools	Recognition S0115	<i>Nutritional Preferences of Local Foraging Ants: A Field Study</i>
Olivia Tanouye	Flintridge Preparatory School	Recognition S0110	<i>The Effects of Caffeine on the Growth Rate of Aurelia Aurita Ephyra</i>
Cayden Wu Huanru Pan	Flintridge Preparatory School	Recognition S0108	<i>The Effect of Caffeine on Aurelia Aurita Pulsation Rate</i>

2026 Los Angeles County Science Fair Category Winners

ANIMAL PHYSIOLOGY - JR J02

Elle Chen	Palos Verdes Intermediate School	First Place J0207	<i>The Effects of Reheating Starchy Foods on the CGM-Derived Postprandial Glucose Levels of a Diabetic Patient</i>
Adaline Butler	Archer School for Girls	Second Place J0201	<i>Blinded by the light: How artificial blue light can permanently damage the eyes of Drosophila melanogaster</i>
Zayd Rokerya	Institute of Knowledge Middle School	Third Place J0208	<i>Under Pressure: Biomechanical Effects of Short-Term Fatigue on Foot Arch Mechanics and Knee Kinematics</i>
Arpa Aboolian	Chamlan Armenian School	Hon. Mention J0203	<i>How Does Time of Day Affect a Type 1 Diabetic's Blood Sugar?</i>
Alina Keklikian Aren Keklikian	Holy Martyrs Ferrahian High School (junior)	Hon. Mention J0210	<i>Fight the Plaque to Prevent the Attack</i>
Bodhi Green Huck Sabbe Wolfy Krispin	Vida School	Recognition J0202	<i>Exploring Behavioral Changes in Large Canines in Response to Auditory Stimuli</i>
Christopher Martinez	Magnolia Science Academy 6	Recognition J0211	<i>What Type of Heart Rate Monitor Do Middle School Adolescents Prefer?</i>
Dylan McCain Victoria Wang	Stratford School-Altadena	Recognition J0204	<i>How do different foods affect blood sugar levels in different people?</i>
Chloe Saroughian	St. Gregory A & M Hovsepien School	Recognition J0206	<i>The Effects of different types of exercises on Heart Rate</i>
Ashraf Than	Al-Huda Islamic School	Recognition J0209	<i>The Ringing Mind: Investigating Tinnitus and ADHD Correlation.</i>

2026 Los Angeles County Science Fair Category Winners

ANIMAL PHYSIOLOGY - SR S02

Hudson Jenq	Polytechnic School	First Place S0216	<i>Identification of personalized food allergen-responsive T cell receptors following acute exposure using amplicon deep sequencing</i>
Justin Choi	West Ranch High School	Second Place S0207	<i>Supernatural Healing: The effect of of magnesium chloride on planaria regeneration</i>
Mia Melamed	Brentwood School (Senior)	Third Place S0204	<i>Blood Clotting and Its Properties</i>
Marcus Aurelius De Silva Chelsea Nguyen	Torrance Unified School District	Hon. Mention S0210	<i>Effects of Copper Exposure on Survival and Heart Rate in Daphnia magna</i>
Sophie Herbert Asha Parry	Archer School for Girls - Senior Division	Hon. Mention S0206	<i>The effects of Quercetin on the expression of amyloid-beta fibrils in transgenic Caenorhabditis elegans</i>
Savannah Acutt Malvika Ganapathy	Archer School for Girls - Senior Division	Recognition S0209	<i>Understanding Indole-3-Carbinol's role in inhibiting NaCl-induced developmental malformations in planarian species Dugesia japonica.</i>
Gaia Bhavsar	Archer School for Girls - Senior Division	Recognition S0213	<i>Killer Scents: Investigating the Effects of Different Phthalate Exposure on Drosophila Melanogaster Fertility and Larval Development</i>
Chloe Chen	Brentwood School (Senior)	Recognition S0211	<i>The Power of Frequencies as a Treatment for Neurodegenerative Diseases:</i>
Iris Chiou	Claremont High school	Recognition S0208	<i>Epigenetic Inheritance of Obesity and Type II Diabetes Risk Following Ancestral Starvation: A Questionnaire-Based Study</i>
Seungah Chung	NATIONAL YOUTH COMMUNITY CENTER	Recognition S0214	<i>The Role of Gut Microbiome in Health and Memory of Harvester Ants.</i>
Alexandria Haro Yuri Song	Archer School for Girls - Senior Division	Recognition S0203	<i>Guided by Light</i>
Caroline Huang	Redondo Union High School	Recognition S0202	<i>Trunk and Shoulder Kinematics in Wheelchair and Standing Tennis Athletes: Implications for Performance and Injury Prevention</i>

2026 Los Angeles County Science Fair Category Winners

Joseph Jin

Southlands
Christian Schools

Recognition

S0205

The Effect of Music Tempo on Running Speed, Distance, and Heart Rate in Adolescents During a 5-Minute Run

Claire Martin
Kate Huang
Corbin Paxton

Flintridge
Preparatory School

Recognition

S0201

The Affects of Ocean Acidification on Aurelia aurita Strobilation

2026 Los Angeles County Science Fair Category Winners

APPLIED COMPUTATIONAL SCIENCE - JR J03

Candice Yan	Harvard-Westlake School (Junior Division)	First Place J0305	<i>Multimodal Foundation Models for Understanding Bodily Expressed Emotions</i>
JaLeia Hunter	The Science Academy STEM Magnet (jr)	Second Place J0310	<i>Simulated Patterns in Landing Mechanics: Comparing Male and Female Biomechanical Models</i>
Kevin Tang	Cedarlane Academy	Third Place J0306	<i>From Fall Detection to Fall Prevention: A Vision-Based Gait Analysis Platform for Home Safety</i>
Advait Sai Pragasth Atluri	First Avenue Middle School	Hon. Mention J0304	<i>My Emotional Buddy</i>
Inesa Barseghyan Emily Sinanyan	Armenian Sisters' Academy	Hon. Mention J0311	<i>Dr. X-Rayon: Evaluating the Accuracy and Limitations of AI in Chest X-Ray Disease Detection</i>
Emil Voskanian	Chamlian Armenian School	Hon. Mention J0301	<i>An AI Obstacle Detection System for Visually Impaired Users</i>
Victor Apelian	Holy Martyrs Ferrahian High School (junior)	Recognition J0303	<i>When AI Goes to School: How Learning Affects the Behavior of AI</i>
Lucas Bach Andrew Sutherland	Palos Verdes Intermediate School	Recognition J0302	<i>Identifying Artificial Intelligence-Generated Images: Measuring Human Accuracy in Trained vs. Untrained Subjects (AI Image Identification Study)</i>
Adhiraj De	Rancho Pico Junior High School	Recognition J0308	<i>Deep Learning-Based Celestial Navigation to GPS-Denied Domains Using Probabilistic State Estimation</i>
Ethan Eisner	Woodcrest School	Recognition J0309	<i>Digital or physical: Which study guide format is more effective?</i>
Mustafa Zaidi Faizaan Fazalbhoy	Al-Huda Islamic School	Recognition J0307	<i>Flip Flop Predicting Earth's Next Magnetic Reversal</i>

2026 Los Angeles County Science Fair Category Winners

APPLIED COMPUTATIONAL SCIENCE - SR S03

Myron Lai	Viewpoint School	First Place S0314A	<i>Machine Learning Framework Using Continuous Biomarkers and Activity Tracking for Heart Disease Management During Patient Exercise Sessions</i>
Prince Otegbulu	California Academy of Mathematics and Science	Second Place S0311A	<i>Cerebrospinal Fluid Proteins Associated with Clinical Progression Rate in Amyotrophic Lateral Sclerosis</i>
Ruka Ito	Palos Verdes High School	Third Place S0306A	<i>Optimizing Drug-Synergy Prediction Models Through Reinforcement Learning</i>
Sudipta Barua	California Academy of Mathematics and Science	Hon. Mention S0322A	<i>Confidence Scoring Using Uncertainty Quantification for Ventricular Tachycardia Ablation Targeting in Patient-Specific Cardiac Models</i>
Retna Vaishnavi Sakadevan Sundhari	William H. Taft Charter High School	Hon. Mention S0317A	<i>Classification of Lung Cancer Types From CT Scan Images Using a Convolutional Neural Network</i>
Esther Cho	NATIONAL YOUTH COMMUNITY CENTER	Recognition S0312A	<i>Computational Identification of Sigma Factor Binding Sites in Bacterial Genomes</i>
Mayukh Dey	The Science Academy STEM Magnet (Senior)	Recognition S0324A	<i>Predicting the role of miRNA-mRNA Interactions for Cancer Type Classification and Biomarker Discovery</i>
Alicia Fei	Mira Costa High School	Recognition S0320A	<i>Feature Selection for Autism Spectrum Disorder via a Multi-pack Cooperative Grey Wolf Optimization Framework</i>
Andrew Garcia Dylan Vo Christopher Lam	Don Bosco Technical Institute	Recognition S0319A	<i>Spidey Sense</i>
Hannah Huang	California Academy of Mathematics and Science	Recognition S0303A	<i>A Connectome-Based Computational Model for Investigating Wind-Guided Olfactory Navigation in <i>Drosophila melanogaster</i></i>
Nolan Huang	Glen A. Wilson High School	Recognition S0301A	<i>Durability by Design (Q-PROTEUS): A Quantum-Inspired Computational Framework for Engineering Antibiotic Resistance-Resilient Antimicrobial Peptides</i>

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Alex Jang	Bonita High School	Recognition S0318A	<i>How Plants Survive Extreme Heat and Drought: A Gene-to-Structure Story</i>
Gautham Korrapati	Academy of the Canyons Middle College High School	Recognition S0315A	<i>NeuroMorph: Optimizing Low-Field Alzheimer's MRI Scans With Reinforcement Learning and Fast Fourier Transform for End-to-End Reconstruction</i>
Seoyoon Lee	NATIONAL YOUTH COMMUNITY CENTER	Recognition S0310A	<i>The Effect of Space Weather, Microgravity, and Light-Dark Cycle on Astronaut Sleep Duration and Circadian Rhythm</i>
Kenneth Preston III	Palos Verdes High School	Recognition S0313A	<i>The Impact of Climate Change on Ursus maritimus and Pusa hispida Populations</i>
Mehak Sareen	El Camino Real Charter High School	Recognition S0323A	<i>Beyond the Mean: An Outlier-Sensitive Computational Framework for Modeling Purkinje Cell Variability in Autism</i>
Ella Satterthwaite Nia Pak	Chadwick School	Recognition S0305A	<i>Relating Disease Spread Rates to Genetic Disorders and the Use of CRISPR</i>
Nalby Vwich	Golden Valley High School	Recognition S0321A	<i>In-Silico Identification of Non-Canonical Drugs for p53 Pathway Modulation Using Multi-Relational Heterogeneous Graph Neural Networks</i>
Bob Zhao	The Webb Schools	Recognition S0302A	<i>Modeling Cell Differentiation: An RNA Velocity-Guided Neural MCMC Model for Cell Differentiation</i>
Jackie Zhao	Flintridge Preparatory School	Recognition S0308A	<i>Differential Effects of Dendritic Location on Excitatory and Inhibitory Synaptic Integration</i>

2026 Los Angeles County Science Fair Category Winners

APPLIED COMPUTATIONAL SCIENCE - SR S03

Hollie Tang	Glen A. Wilson High School	First Place S0340B	<i>A Tongue-Based Computational Interaction Framework for Scalable Human-Computer Interfaces</i>
Derrick Kwan	California Academy of Mathematics and Science	Second Place S0339B	<i>FastMDAnalysis: Software for Automated Analysis of Molecular Dynamics Trajectories</i>
Sarah Varghese	Palos Verdes Peninsula High School	Third Place S0331B	<i>BlazeAlert: A Novel Spatiotemporal Deep Convolutional Neural Network Model for Realtime Wildfire Risk Assessment Harnessing Historical Geospatial Data</i>
Daniel Huang	Geffen Academy at UCLA	Hon. Mention S0326B	<i>Not All Teens Are Equally Vulnerable: Using Machine Learning to Identify California Adolescents at High Risk for Psychological Distress</i>
Avantika Jangeesh	Academy of the Canyons Middle College High School	Hon. Mention S0327B	<i>FingerSpeak</i>
Md Sahadat Alam	Granada Hills Charter High School	Recognition S0335B	<i>Improving Neural Network Efficiency Using Spiking Neural Networks and Early-Exit Strategies</i>
ChiHam Chen Ayaan Bhagat	The Webb Schools	Recognition S0336B	<i>Memorization or Misconception? Quantifying the Impact of Visual Aid on Perceived Speaker Confidence</i>
Logan Chiou	Claremont High school	Recognition S0333B	<i>Engineering Failure as a Learning Mechanism: A Longitudinal Analysis of Iterative Improvement in the SpaceX Starship Program</i>
Brendan Chung	Polytechnic School	Recognition S0325B	<i>Developing a Machine Learning Model to Predict Groundwater Depletion in the California Central Valley</i>
Spursh Deshpande	Crescenta Valley High School	Recognition S0330B	<i>Multi Agent Verification Network</i>
Ishir Gaur	Palos Verdes High School	Recognition S0328B	<i>EpiProbe: A Novel Discrete Guidance Method for Navigating Protein Fitness Landscapes using Sparse Autoencoders</i>
Henry Goldman	Beverly Hills High School	Recognition S0337B	<i>Clash of the Tokens: Text Generation in Large Language Models</i>

2026 Los Angeles County Science Fair Category Winners

Andrew Jo	Harvard-Westlake School (Senior Division)	Recognition S0341B	<i>Exploring Vortex Stability in Jupiter's Atmosphere Using Linearized Shallow Water Equations</i>
Ethan Kohl	Mira Costa High School	Recognition S0342B	<i>AI Visualization of Music's Emotional Journey</i>
Mher Mkrtumyan	Granada Hills Charter High School	Recognition S0343B	<i>Enhancing VLSI Chip Design Efficiency Using Deep Learning-Driven Optimization Models</i>
Jayden Wu Ethan Perlin	William H. Taft Charter High School	Recognition S0329B	<i>Simulating and Analyzing Qubit Bit Flip Decoherence Using Bit Flip Probabilities Based on Qubit Substance Energy Relaxation Times</i>
Dawson Yee	Olive Ridge Preparatory School	Recognition S0334B	<i>Not Like Us: Evaluating a music demixing app with songs outside its training genre</i>
Zainab Zubairi	Institute of Knowledge High School	Recognition S0332B	<i>Who's Asking? Systematic AI Bias in AI-Generated Responses Triggered by Demographic Identity Cues</i>

2026 Los Angeles County Science Fair Category Winners

BEHAVIORAL AND SOCIAL SCIENCES - JR J04

Lyla Pinaud	Portola Highly Gifted Magnet	First Place J0425	<i>Observing the Speed and Mobility of Hypsibius Exemplaris After Extreme Conditions</i>
darren chilingirian	Chamlan Armenian School	Second Place J0423	<i>Does the Frequency of Game Rewards Change How People Think and Play?</i>
Stella Han	The Science Academy STEM Magnet (jr)	Third Place J0426	<i>Thirst Things First: The Impact of Hydration on Swim Performance</i>
Liam Bertumen	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Hon. Mention J0414	<i>Fancy Or Fake?</i>
Ori Bitas	Lashon Academy	Hon. Mention J0403	<i>Roller Coasters</i>
Avery Vigil Milana Peker	Palos Verdes Intermediate School	Hon. Mention J0422	<i>Does the use and influence of social media platforms lead to the purchase of potentially harmful beauty products by 8th grade girls?</i>
Fatima Zahid	Al-Huda Islamic School	Hon. Mention J0421	<i>The Science of Studying with AI</i>
Stella DeMarinis Evelyn Barry Abby Crouse	Vida School	Recognition J0404	<i>Understanding Digital Influence: An Interview-Based Case Study of Four Content Creators</i>
Sabine El Majzoub	Magnolia Science Academy 6	Recognition J0417	<i>Can people notice the difference between AI generated images and human generated images?</i>
Malak Galal	New Horizon School Westside	Recognition J0418	<i>Heart Rate challenge</i>
Kellen Garcia Ben Kushnir Davis Binder	Vida School	Recognition J0409	<i>The Impact of Video Game Intensity on Physiological Response in Adults</i>
Audrey Jacobs	St. Cyril of Jerusalem School	Recognition J0411	<i>Effect of Sleep on Reading</i>
Makayla Kamdem	Lashon Academy	Recognition J0419	<i>Psychology (Rhythm and Identity)</i>
Nimrit Kaur Charlotte Tlush	Valley School	Recognition J0410	<i>Mental Media</i>
Elizabeth Kesian	St. Gregory A & M Hovsepien School	Recognition J0412	<i>Voice of the Machine</i>

2026 Los Angeles County Science Fair Category Winners

Norma Lopez	Magnolia Science Academy 6	Recognition J0416	<i>Which Packaging is Most Likely to Provoke Healthier Eating in Adolescents</i>
Jaxton Marlett Luca Leyson Jack Read	Vida School	Recognition J0401	<i>Exploring Adult Perceptions and Uses of AI in Everyday Life</i>
Layla Mubarek	Valley School	Recognition J0413	<i>Effectiveness of immediate versus delayed feedback on a group task</i>
Chloe Ohanian	St. Gregory A & M Hovsepian School	Recognition J0420	<i>How Stories Shape Feeling</i>
Hailee Ortega	Magnolia Science Academy 6	Recognition J0402	<i>Cultural contexts of color: A cross-ethnic Analysis of Preference</i>
inessa paronian	St. Gregory A & M Hovsepian School	Recognition J0406	<i>Artistic Environments!</i>
Gabriel Paster	Rabbi Jacob Pressman Academy	Recognition J0405	<i>The Effect of A More Detailed Description of Chocolate On A Persons' Enjoyment</i>
Elizabeth Purut	St. Gregory A & M Hovsepian School	Recognition J0415	<i>Do people feel more understood and emotionally supported by AI or by humans?</i>
Anais Sayegh Tamar Markarian	St. Gregory A & M Hovsepian School	Recognition J0407	<i>The Impact of Music Genres on Boys and Girls</i>
Ianfranco Valdivia	Lashon Academy	Recognition J0424	<i>Does the Technique a Player Uses Increase Your Chances of Winning a One on One Match-up in a Soccer Game?</i>
Baierna Zuliphaer	Quba Islamic School (Junior)	Recognition J0408	<i>The Impact of Scents on Human Mood and Concentration</i>

2026 Los Angeles County Science Fair Category Winners

BEHAVIORAL AND SOCIAL SCIENCES - SR S04

Aiden Yoon	Burbank High School	First Place S0411	<i>Multisensory Integration for Predator Detection and Avoidance in Drosophila Larvae</i>
Neha Voodi Eliore Nourani	El Camino Real Charter High School	Second Place S0405	<i>Early Detection of Postpartum Depression from Maternal Journaling: Investigating Behavioral Language Patterns</i>
Jiwoo Lim	Crescenta Valley High School	Third Place S0421	<i>Examining the Effectiveness of Music on Caffeine Withdrawal in Fruit Flies</i>
Brendan Bowman	Brentwood School (Senior)	Hon. Mention S0415	<i>Neuro Nest</i>
Jalen Cai	Diamond Bar High School	Hon. Mention S0420	<i>Identifying Shared Metabolomic Signatures in Addiction and Targeting Gut–Brain Axis Pathways Using AI-guided Approaches</i>
Kelly Guo Najma Sheikh	Gretchen Whitney High School	Hon. Mention S0422	<i>Squishes to Soothe: A Stuffie's Ability to Destress Using Cute Aggression</i>
Mia Lerner	Mira Costa High School	Hon. Mention S0416	<i>Seasonal Patterns in Public Mental Health Discourse on Twitter in the United States, 2012–2021</i>
Aaira Mansoory	Institute of Knowledge High School	Hon. Mention S0413	<i>The Memory Thief: Experimental Evidence for the Systematic Distortion of Eyewitness Recall by Post-Event Misinformation</i>
Yanar Akoshali	Quba Islamic School (Senior)	Recognition S0417	<i>Are phone use frequency and sleep disruption associated with stress in high school students using self-collected behavioral data?</i>
Amélie Barajas	Sequoyah School	Recognition S0406	<i>The Effects of Generative AI Access on Student Performance and Efficiency</i>
Paige Buchanan Tabitha Ramirez	Pioneer High School	Recognition S0414	<i>Hue Made me Decide: How Color Affects Decisions</i>
Ani Chalian	Rose and Alex Pilibos Armenian School (Senior)	Recognition S0402	<i>From Click to Clinic: Patient Satisfaction in Telehealth vs. In-person Care for Complex Gynecologic and Oncology Patients</i>

2026 Los Angeles County Science Fair Category Winners

Kak Chi Gareth Chen	Southlands Christian Schools	Recognition S0404	<i>A Dual-Framework Approach to Quantifying and Mitigating Ideological Bias in Media Consumption</i>
Aliyor Esoev	Granada Hills Charter High School	Recognition S0407	<i>PamiriBridge: Engineering a Zero-Cost, Audio-First Sociotechnical Framework for Revitalizing Endangered Eastern Iranian Languages</i>
Harleen Kaur Rachel Lemus Emily Simpson	Palmdale High School	Recognition S0419	<i>Silent Struggle: Academic and Social Pressures</i>
Simon Li	Claremont High school	Recognition S0423	<i>Does Using Artificial Intelligence Help Companies Perform Better? A Comparative Study of AI and Non-AI Companies</i>
Yuexuan Liu	Prestige STEM Academy (Senior)	Recognition S0403	<i>Cross-Cultural Study of Parental Cognition in Autism</i>
Woorin Paik	Harvard-Westlake School (Senior Division)	Recognition S0410	<i>Prior Food Exposure and Deprivation Shape Food Choice Behavior in Fruit Flies</i>
Raymond Shi Chi Yuen Ke	Prestige STEM Academy (Senior)	Recognition S0409	<i>The environmental and genetic effects on monozygotic twins and dizygotic twins's personalities</i>
Annabelle Tao	Chadwick School	Recognition S0401	<i>How Aging Affects Number Memorization</i>
Christine Tsai	El Segundo High School	Recognition S0408	<i>The Effect of Social Isolation on Learning and Memory Retention in the Land Snail (Cornu aspersum)</i>
Aren Yeghikian	Verdugo Hills High School	Recognition S0418	<i>Healthy Schools, Healthy Minds: An Environmental Determinants Study of Student Mental Health</i>
rory zamril	Quba Islamic School (Senior)	Recognition S0424	<i>Public v. Private</i>

2026 Los Angeles County Science Fair Category Winners

BIOCHEMISTRY AND MOLECULAR BIOLOGY - JR J05

Emma Rosete	Portola Highly Gifted Magnet	First Place J0501	<i>Evaluating Ascorbic Acid Preservation Across Different Cooking Techniques</i>
Josiah Dev Anandhan	Sierra Madre Middle School	Second Place J0509	<i>Which Has More Nutrients: Store-Bought or Backyard Eggs?</i>
Zariah Nunes	Sierra Madre Middle School	Third Place J0511	<i>How Much Faster Do Higher Concentrations of Hyaluronidase Dissolve Hyaluronic Acid Gel Fillers?</i>
Gabriella Aleksyan Christopher Mikailian Shant M Konanyan	Armenian Sisters' Academy	Hon. Mention J0506	<i>The Effect Of Different Substances on the Digestion of Common Foods</i>
Jolie Goulouzian	Rose and Alex Pilibos Armenian School (Junior)	Hon. Mention J0513	<i>Biotech to dye for</i>
Anaya Agarwal Maya Mozenter	New Roads Middle School	Recognition J0510	<i>Which liquids can brown an apple the slowest?</i>
suri dardashti Audrey Rosenfeld	Beverly Vista Middle School	Recognition J0505	<i>How do Glucokinase Gene Mutations Change Enzyme Function and Glucose-Sensing in MODY 2?</i>
Hetvi Ingle	Ridgecrest Intermediate School	Recognition J0507	<i>Study Effect & role of TGF-beta in Human Renal Epithelial Cell/Proximal Tubule Cells of kidney and impact on cellular functions associated with CKD</i>
Anishka Koudgave	Hale Charter Academy STEAM Magnet	Recognition J0514	<i>Can we measure the energy efficiency of Bioluminescence compared to LED Lights?</i>
Lily Manukyan Sophia Abramyan Lara Margaryan	Rose and Alex Pilibos Armenian School (Junior)	Recognition J0502	<i>Developing an Artificial Pancreas</i>
Menaal Obaid	Quba Islamic School (Junior)	Recognition J0504	<i>How does temperature effect enzymes</i>
Joeanna Ojeda-Carreon	Sierra Madre Middle School	Recognition J0503	<i>How Can Hair Be A Natural Remover Of Pollution</i>
Evan Sedarat	The Science Academy STEM Magnet (jr)	Recognition J0512	<i>Elucidating the Topology and Functionality of Unknown Human Proteins</i>

2026 Los Angeles County Science Fair Category Winners

BIOCHEMISTRY AND MOLECULAR BIOLOGY - SR S05

Tanner Sakamoto	Palos Verdes Peninsula High School	First Place S0504	<i>Pyrrvinium: A Novel Antifungal Agent with Unique ROS-Dependent Autophagy Induction in Candida albicans</i>
Srinjoy Maji Nathan Jo Audrey Kim	Gretchen Whitney High School	Second Place S0516	<i>A Novel Method of Extracting Horseradish Peroxidase from Horseradish Roots Using Ethanol Precipitation</i>
Khushee Totla	Palos Verdes Peninsula High School	Third Place S0509	<i>Sex-Dependent Effects of Maternal Inulin on Hypothalamic Microglial Lipid Processing and Myelination</i>
Jake Lee	Palos Verdes High School	Hon. Mention S0511	<i>The Effects of Stress Hormone Exposure on DNA Methylation & Gene Expression in Hippocampal Cells</i>
Muhammad Raihan	The Science Academy STEM Magnet (Senior)	Hon. Mention S0502	<i>Computational Analysis of Structural Disruptions and CRISPR/Cas-9 Targeting Efficiency in Early-Onset Alzheimer's Mutations in APP, PSEN1, and PSEN2</i>
Myat Aung	Temple City High School	Recognition S0510	<i>Advanced Diagnosis and Phototesting of Delayed-Onset Solar Urticaria and Its Relationship to Polymorphous Light Eruption and Other Chronic Urticarias</i>
Andy Cao	Don Bosco Technical Institute	Recognition S0514	<i>Rolling into CRISPR: Investigating ULE-5 in C. elegans Eggshell Formation</i>
Hope Choi Mia Bentsi-Barnes	Crescenta Valley High School	Recognition S0519	<i>Evaluating the Effectiveness of Cellulase on E. Coli Biofilm Elimination</i>
Kai Donnell Katelyn Mahboob	El Camino Real Charter High School	Recognition S0501	<i>Analyzing Antibody-Protein Binding Affinity in Atherosclerosis Treatment Development</i>
Orion Fujii	Palos Verdes High School	Recognition S0521	<i>Testing the Efficacy of Drugs in Surfactant and their Effect on Surfactant Integrity</i>
harry gao	Prestige STEM Academy (Senior)	Recognition S0507	<i>A Comparative Analysis of DNA Editing Efficiency and Error Rates Across Four CRISPR- Based Genome Editing Systems</i>
Suzy Henriquez Ranjana Sathish	William H. Taft Charter High School	Recognition S0517	<i>Analyzing PAI-1/SERPINE1 Expression in Cervical Squamous Cell Carcinoma</i>

2026 Los Angeles County Science Fair Category Winners

Yash Jaju	Flintridge Preparatory School	Recognition S0506	<i>Structure-Based Drug Discovery of New Compounds Targeting Exon 1 N-terminus Region of Mutant Huntingtin</i>
Ethan Le Ayden Lee	Temple City High School	Recognition S0513	<i>Modeling Glucose Release Rates from Pediatric Foods Using an In Vitro Digestion System</i>
Aditi Mahajan	North Hollywood High School	Recognition S0508	<i>How does pediatric sleep apnea alter brain tissue in regions mediating behavioral, cognitive, and mood functions?</i>
Kenzy Morsy	Quba Islamic School (Senior)	Recognition S0512	<i>Preservatives For Strawberries</i>
Elizabeth Poladian	NATIONAL YOUTH COMMUNITY CENTER	Recognition S0518	<i>Do Smokers Age Faster? An Apple model of Skin Aging</i>
Sabrina Rifkin Jaya Srinivasan	Archer School for Girls - Senior Division	Recognition S0522	<i>Spill the Green Tea</i>
Simon Schnaitman	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S0515	<i>Iron induced oxidative stress effects the development of beta-amyloid plaques and tau hyperphosphorylation in rat neurons</i>
Samian Syed	Van Nuys High School	Recognition S0503	<i>Paradoxical Associations Between Obesity and Neurodegeneration Biomarkers: Analysis of NfL and GFAP Plasma Biomarkers in HABS-HD</i>
Joaquin Varela Jalen Jovellanos	Don Bosco Technical Institute	Recognition S0520	<i>Exploring the Impact of Dietary Fats on Maillard Reaction Outcomes</i>
Amanda Wang	La Serna High School	Recognition S0505	<i>Genetics and Their Potential Links to Diseases: WDR5B</i>

2026 Los Angeles County Science Fair Category Winners

CHEMISTRY - SR S06

Avery Yu	Palos Verdes Peninsula High School	First Place S0607	<i>Interfacial Engineering of Nitrogen-Doped Titanium Dioxide within a Hydrogel-PDMS Matrix for Photocatalytic Antimicrobial Coatings</i>
Jinu Yoon	The Webb Schools	Second Place S0615	<i>Impact of Climate Change on Shelf-Life of Lipid-Rich Foods</i>
Vishakha Sabat Mohana Sai Sudheera Polu	Gretchen Whitney High School	Third Place S0603	<i>From Ashes to Amps</i>
Arayna Naik	William H. Taft Charter High School	Hon. Mention S0601	<i>Comparative Adsorption of Phosphate from Aqueous Solution Using Bare Iron Oxide Powder and Magnetically Recoverable Alginate-Coated Iron Oxide Beads</i>
Emily Song Arianna Matcuk	Beverly Hills High School	Hon. Mention S0616	<i>Reef Revitalization: The Efficacy of Minerals in Raising Saltwater pH</i>
Karina Bagiryan Lilit Gharibyan	Rose and Alex Pilibos Armenian School (Senior)	Recognition S0609	<i>Fischer Esterification</i>
Dominic Bernal Andrew Segovia	USC East College Prep	Recognition S0608	<i>The Effect of a Natural Barrier Against Corrosion on Different Types of Metals</i>
Vana Churukian Anaies Gharibian Anya Kargodorian	Rose and Alex Pilibos Armenian School (Senior)	Recognition S0612	<i>No Fridge? No Problem! Preserving Milk with Hydrogen peroxide (aka honey!)</i>
Vanessa Ornelas juana hossain	Magnolia Science Academy 5	Recognition S0614	<i>Color, Metals, and Health: How Metal Ions and Oxidation Change the Colors of Compounds and Foods</i>
Hannah (Milo) Perez Ariana Ruiz Bereniz Garcia	Pioneer High School	Recognition S0619	<i>Exploring the Effectiveness of Luminol and False Positives in Forensics</i>
avalon schaidle Chloe Sakatani	Saint Anthony High School	Recognition S0617	<i>Which type of sunscreen, mineral or chemical, blocks UV rays the best.</i>
Melissa Sifuentes	Sequoyah School	Recognition S0604	<i>The Bright Side: Investigating How Color and Composition Affect Glow Duration — A Study of Glowstick and Phosphorescent Mixtures Charged by Light</i>
Ayaka Yiu	Saint Anthony High School	Recognition S0611	<i>Maximizing Flavor in Vegetables: How Pre-Marination Treatments Affect Water Loss and Absorption</i>

2026 Los Angeles County Science Fair Category Winners

Haoqin Yuan	Brentwood School (Senior)	Recognition S0618	<i>Engineering the Best Possible Way to Encapsulate a Long-Lasting Luminol Light Source</i>
Aliza Zafar	Quba Islamic School (Senior)	Recognition S0602	<i>The Affect of Biodegradable Plastic Coatings on Banana Decay:</i>
Rebekkah Zamacona Madelyn Valenzuela	Pioneer High School	Recognition S0620	<i>Enzymes vs. Gelatin</i>
Tahlia Zanki	El Camino Real Charter High School	Recognition S0610	<i>The Effects of Decreasing pH on Coral Skeleton Erosion and the Protective Role of Mucus-Like Surface Coatings</i>

2026 Los Angeles County Science Fair Category Winners

CHEMISTRY (APPLIED) - JR J06

Raffi Zakarian	Chamlan Armenian School	First Place J0616	<i>Powdered or Granular: Which Activated Carbon Makes Your Water Look Spectacular?</i>
Jerry Xu	Stratford School-Altadena	Second Place J0606	<i>Comparing Durability and Biodegradability in a Modified Starch-Based Bioplastic</i>
Nathanael Hutt	Sierra Madre Middle School	Third Place J0609	<i>Which Household Dechlorination Methods Work Best for Different Everyday Uses?</i>
Coogan Beer	Archer School for Girls	Hon. Mention J0602	<i>pHarmaceutical Breakdown: Dissolution of Alginate-Based Drug Tablet Models Across the Digestive pH Spectrum</i>
Amelia Cabezas	Incarnation Parish School	Hon. Mention J0612	<i>How Much of Our Sunscreen is the Ocean Wearing? Using Calibration Curves to Determine a Sunscreen's Eco-friendliness</i>
Michelle Markarian Gaelle Ezadjian Mariam Kushnatsian	C&E Merdinian Armenian Evangelical School	Hon. Mention J0613	<i>Removing Microplastics from Water using Ferrofluids</i>
Fatima Ahmed	Quba Islamic School (Junior)	Recognition J0605	<i>Red Cabbage pH indicator</i>
Adam Barsamian	Incarnation Parish School	Recognition J0603	<i>Vitamin-C you Later!</i>
Danielle Ben Simon	Lashon Academy	Recognition J0614	<i>Flour or Flourless</i>
Semaya Burson	Ross Academy of Creative and Media Arts Middle School	Recognition J0620	<i>Five Second Rule: Fact or Fiction?</i>
Briseis Carpio	Mark Twain Middle School	Recognition J0617	<i>The Portable Heating Pack</i>
Rosie Garcia	Louis Armstrong Middle School	Recognition J0601	<i>Can a Lemon Make a LED Bulb Light Up?</i>
Niki Gheysar	Palos Verdes Intermediate School	Recognition J0618	<i>The Role of Iron Oxide in Enhancing Emulsion Stability and Ultraviolet Protection in Topical Lotion Formulations</i>
Grace Hua	Pomona Unified School District Junior Division	Recognition J0615	<i>Apple Oxidation!</i>

2026 Los Angeles County Science Fair Category Winners

Lilit Khachatryan	Armenian Sisters' Academy	Recognition J0622	<i>Testing the Effectiveness of Common Household Liquids on Oil Stains</i>
Calvin Ngo Stella Ngo	Charles Evans Hughes Middle School	Recognition J0623	<i>Powering Up: How Acidity Influences the Electrical Output of Fruits and Vegetables</i>
Luka Pelangia	Beverly Vista Middle School	Recognition J0621	<i>Anodizing Titanium</i>
Annalea Ramirez	Pomona Unified School District Junior Division	Recognition J0610	<i>Bake it or Break it</i>
Aydan Robledo	Stratford School-Altadena	Recognition J0624	<i>Caffenol Vs. Conventional</i>
Tera Semerci Laura Semerci	Armenian Sisters' Academy	Recognition J0608	<i>Extracting Eugenol to Make Perfume</i>
Reeva Singh	Ross Academy of Creative and Media Arts Middle School	Recognition J0611	<i>What is the effect of different kitchen liquids on the rate of an apple browning?</i>
Emma Tan	Sierra Madre Middle School	Recognition J0604	<i>Electric Citrus</i>
Amy Waks	Louis Armstrong Middle School	Recognition J0619	<i>The Science Behind Bath Bombs</i>

2026 Los Angeles County Science Fair Category Winners

CHEMISTRY (GENERAL) - JR J07

Natalia Ortega Alexis Vu	Palos Verdes Intermediate School	First Place J0722	<i>Exploring Thermal and Solar Distillation</i>
Santiago Cruz	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Second Place J0708	<i>How Does Negative Pressure Affect the Size and Shape of Crystals?</i>
Armen Jordan	Chamlian Armenian School	Third Place J0719	<i>Sipping & Smiling: Which Drink Damages Tooth Enamel the Most?</i>
Aram Boyadjian Johnny Meguerian Hovag Batalian	Sahag Mesrob Armenian Christian School	Hon. Mention J0705	<i>Vitamin C in fruit</i>
Dalia Burpee	New Horizon School Pasadena	Hon. Mention J0720	<i>Do Stronger Flower Scents Make The Most Oil?</i>
Qi-En Lau	Portola Highly Gifted Magnet	Hon. Mention J0703	<i>The Bittersweet Truth Behind Your Favorite Drinks and How It Could Affect Human Health</i>
Vanya Samuelian Bella Terzian Liana Garabedian	Armenian Sisters' Academy	Hon. Mention J0723	<i>Sunlight vs. Natural Dyes</i>
Talar Balabanian	C&E Merdinian Armenian Evangelical School	Recognition J0718	<i>The Role of Chlorine</i>
Teresa Beall	St. Martin of Tours	Recognition J0713	<i>Use It or Lose it</i>
Roqaia Eldokony	Quba Islamic School (Junior)	Recognition J0711	<i>Drinks effects on our Enamel</i>
Max Gerber Rohan Flood	New Roads Middle School	Recognition J0710	<i>Foam Explosion in Action</i>
adam jarrar Waleed Hdidou	New Horizon School Westside	Recognition J0701	<i>What affects the rate of evaporation</i>
Aren Jilakian	Armenian Sisters' Academy	Recognition J0721	<i>Investigating the Acidity of Common Liquids</i>
Zenyah Kutty	New Horizon School Westside	Recognition J0704	<i>Bio Blood Detective</i>
Christopher Paronyan	Chamlian Armenian School	Recognition J0716	<i>Demineralization of Eggshells: Comparing Fluoride vs. Nano- Hydroxyapatite Toothpaste with Acid Exposure and Remineralization</i>

2026 Los Angeles County Science Fair Category Winners

Luciana Ponce de Leon Alanna Morera Georgia Dane	New Roads Middle School	Recognition J0706	<i>Crystal Cave</i>
Isabel Suarez	Sahag Mesrob Armenian Christian School	Recognition J0715	<i>What makes nails rust fastest?</i>
Munshif Taha	New Horizon School Pasadena	Recognition J0725	<i>Biogas Waste to Energy</i>
Yaroslav Taran	St. Cyril of Jerusalem School	Recognition J0724	<i>Water vs Orange Juice vs Coke</i>
Serly Terzibashian Emma Garabedian	Sahag Mesrob Armenian Christian School	Recognition J0707	<i>Which drink is healthier?</i>
Vivienne Turk	St. Martin of Tours	Recognition J0714	<i>Corrosion in Teeth</i>

2026 Los Angeles County Science Fair Category Winners

COGNITIVE SCIENCE - JR J08

Diane Euh	Harvard-Westlake School (Junior Division)	First Place J0804	<i>The Effect of Nitrogen Concentrations on the Electrophysiology (Action Potentials Generated) in Venus Flytraps</i>
Brooke Laskar	Archer School for Girls	Second Place J0818	<i>Stress Test: Does phosphatidylcholine improve memory in mechanically stress-induced Drosophila?</i>
Annabelle Huh Isabella Hsu Chloe Arabian	Ridgecrest Intermediate School	Third Place J0814	<i>Effectiveness of a Computer Simulation on Kepler's Planetary Laws of Motion</i>
Hana Aryan	Al-Huda Islamic School	Hon. Mention J0815	<i>A.I. or Not? Testing Two Generations' Eye for Truth.</i>
Sarah Hamid	Quba Islamic School (Junior)	Hon. Mention J0817	<i>"When Objects Start Staring Back: A Human vs. AI comparison of the Pareidolia Phenomenon"</i>
Muaaz Qureshi	Al-Huda Islamic School	Hon. Mention J0813	<i>The Myth of Multi-Tasking! Can we Really Do It All?</i>
Izabel Baghdassarian	St. Gregory A & M Hovsepian School	Recognition J0811	<i>What Makes People With ADHD Different? Facts and Brain Structure</i>
Malaika Choudhry	Institute of Knowledge Middle School	Recognition J0819	<i>Confidently Wrong: Age-Related Differences in Susceptibility to Misinformation-Induced False Memories</i>
Ayla Feuerstein Julia Bien	Rabbi Jacob Pressman Academy	Recognition J0806	<i>Fast Fonts</i>
Victoria Huang Naya Kayali	Stratford School-Altadena	Recognition J0808	<i>The impact of video games and background music on reaction time and focus</i>
Emilia Iblings Gonzalez	St. Cyril of Jerusalem School	Recognition J0801	<i>Memory and Familiarity</i>
Lia Karamanlian	Chamlian Armenian School	Recognition J0802	<i>How Does Sleep Affect Memory?</i>
Harvey Lee	Stratford School-Altadena	Recognition J0805	<i>The Effects of Sleep Deprivation on Short-Term Memory Performance</i>
Alexandra Lehault	Palos Verdes Intermediate School	Recognition J0803	<i>Childhood Experience As a Determinant of Neurodivergence and Hyperfixation Formation</i>

2026 Los Angeles County Science Fair Category Winners

Harlow Levin Bree Banks	New Roads Middle School	Recognition J0807	<i>Heartbeats & Harmonies</i>
London Nuovo	St. Cyril of Jerusalem School	Recognition J0812	<i>Auditory Memory vs. Visual Memory</i>
Caleb Schmidt Henry Hornsby	New Roads Middle School	Recognition J0809	<i>To Land or Not to Land?</i>
Luke Shin	St. Cyril of Jerusalem School	Recognition J0816	<i>Music on Memory</i>
Ethan Zhou	Richard Henry Dana Middle School	Recognition J0810	<i>When More Isn't Better: How Too Many Choices Affect Decision- Making</i>

2026 Los Angeles County Science Fair Category Winners

COGNITIVE SCIENCE - SR S08

Princess Otegbulu	California Academy of Mathematics and Science	First Place S0814	<i>Resting-State EEG Biomarkers of Cognitive Impairment in Parkinson's Disease: A Theory-Driven Predictive and Interpretable Modeling Study</i>
Alexandra Wang	The Webb Schools	Second Place S0801	<i>Assessing Adolescent Neurotransmission through Multivariate Modeling</i>
Mishka Aswani	Brentwood School (Senior)	Third Place S0813	<i>Exploring Sound Frequencies' Link to Drosophila Melanogaster Behavior and Neuroanatomy</i>
Oscar Brink-Hof	Sequoyah School	Hon. Mention S0810	<i>How Predictable vs Unpredictable Light Stress Modulates Anticipatory Habituation and Lifespan of Drosophila Melanogaster</i>
Amirah Tran	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Hon. Mention S0806	<i>Using Emotiv EEG to Monitor Brain Waves to Predict Attention Decline and Fatigue</i>
Angelina Yieu	Granada Hills Charter High School	Hon. Mention S0802	<i>A Bayesian Causal Framework for In Silico Personalization of Behavioral Interventions in Cancer-Related Cognitive Impairment</i>
Sara Ziyad	Institute of Knowledge High School	Hon. Mention S0804	<i>The Cost of Convenience: An Experimental Analysis of AI-Generated Summaries on Critical Thinking and Memory Recall</i>
Isabella Genie Brooklyn Garcia	Claremont High school	Recognition S0811	<i>The Role of Melatonin in Sleep Regulation and Cognitive Function</i>
Sandhya Muralidharan Zahra Rizvi Liyansa Weerasinghe	Granada Hills Charter High School	Recognition S0815	<i>How Smartphone Use Affects Human Memory, Attention, and Long-Term Brain Health</i>
Twisha Pande	Mira Costa High School	Recognition S0805	<i>Rethinking Dementia: Early Biomarkers and Multidomain Prevention</i>
Brian Shin Jr.	The Science Academy STEM Magnet (Senior)	Recognition S0808	<i>Characterizing Genes that Regulate Movement and Navigation in Myxomycete Physarum polycephalum via UV-induced Mutagenesis</i>
Chris Sun Luke Yang	Arcadia High School	Recognition S0807	<i>The Effect of Sleep Deprivation on the High Schooler's Performance</i>

2026 Los Angeles County Science Fair Category Winners

Haoran Wang	Southlands Christian Schools	Recognition S0809	<i>Effect of Virtual Reality Distraction on Pain Tolerance and Physiological Stress During a Cold Pressor Test</i>
Pengpeng Xing	Southlands Christian Schools	Recognition S0816	<i>Quantifying the Cognitive Cost of Smartphone Distractions on Inhibitory Control</i>
Maria Zeng	Prestige STEM Academy (Senior)	Recognition S0803	<i>A Computational Approach on How The Growth Mindset Shapes Behavior and Habits</i>
Adam Zheng	Southlands Christian Schools	Recognition S0812	<i>Neural Signatures of Excitation: A Comparative Study of Alpha and Beta Wave Fluctuations</i>

2026 Los Angeles County Science Fair Category Winners

EARTH/SPACE SCIENCES - JR J09

Maria Fatima	Institute of Knowledge Middle School	First Place J0906	<i>Invisible Plastic: Evaluating Dual-Stage Magnetic and Ultrasonic Removal of PETE Microplastics from Ocean Water</i>
Kshitija Kunchur	First Avenue Middle School	Second Place J0904	<i>The Influences of Lunar Phases on Tidal Range</i>
Zoe Sweat	Valley School	Third Place J0903	<i>Water Filtration Processes: Which One Can Do The Job?</i>
David Dunyamalyan Hrag Demirjian Alexander Zakaryan	C&E Merdinian Armenian Evangelical School	Hon. Mention J0901	<i>The Beauty of Rainforests: A Terrarium Ecosystem</i>
Naya Ben David	Lashon Academy	Recognition J0908	<i>Does the Angle of a Gnomon on a Sundial Affect the Dial's Accuracy?</i>
Sirak Devejian	Holy Martyrs Ferrahian High School (junior)	Recognition J0907	<i>S'more Power: Baking with the Sun</i>
Aubrey Scarborough	Ross Academy of Creative and Media Arts Middle School	Recognition J0905	<i>WHAT ORBITAL MECHANICS MAKE MODERN DAY THINGS WORK?</i>
Jianna Takhar	New Roads Middle School	Recognition J0902	<i>The Eye of the Storm</i>

2026 Los Angeles County Science Fair Category Winners

EARTH/SPACE SCIENCES - SR S09

Bernice Deng	San Marino High School	First Place S0907	<i>No Nurdles: Novel Model for Predicting and Preventing Nurdle Spills</i>
Samuel Paik-Heintz	North Hollywood High School	Second Place S0908	<i>Detecting Overwintering Fires in Yakutian Permafrost via Winter InSAR Deformation Signatures</i>
Gideon Schneider Ellis Kopcho	Sequoyah School	Third Place S0901	<i>Continued Development of Ablative 3D-Printed Heat Shield Materials for High-Temperature Applications</i>
Evan Friedman	West Ranch High School	Hon. Mention S0904	<i>Rotating Gyroscopic Wing Aircraft</i>
Kiara Kurland Kelley Truong	El Camino Real Charter High School	Hon. Mention S0910	<i>Identifying the Detectability of Exoplanets Around the Star Kepler-10 Through an Injection-Recovery Simulation</i>
Heila Syed Batool Musallet	Institute of Knowledge High School	Hon. Mention S0905	<i>Microfibers in Motion: Quantifying Textile-Derived Microfiber Release from Synthetic and Natural Fabrics During Laundering</i>
SiuNi (Tiffany) Wang	Westridge School	Hon. Mention S0911	<i>Revisiting the Upper Mass Limit for Tidal Disruption Events in Black Hole Systems</i>
Raffi Garabedian	Rose and Alex Pilibos Armenian School (Senior)	Recognition S0903	<i>Detecting Exoplanets Using Transit Photometry</i>
Eugene Kim	Loyola High School	Recognition S0902	<i>The Effect of Soil Type on Water Retention</i>
Sadhana Sakthimohan	William H. Taft Charter High School	Recognition S0906	<i>Surviving Martian Chaos: Survivability Focused Rover Framework</i>
Arihant Saxena	Academy of the Canyons Middle College High School	Recognition S0909	<i>Solar Particle Events & Radiation Risk Modeling</i>

2026 Los Angeles County Science Fair Category Winners

ECOLOGY - JR J10

Lana Finley	Walter Reed Middle School	First Place J1012	<i>Phytoremediation of agricultural water supply microplastic contamination by Eichhornia crassipes: clean water, healthy food</i>
Charlotte Paik-Heintz	Portola Highly Gifted Magnet	Second Place J1005	<i>A Comparative Study of Natural Buffer Systems to Mitigate Acid Rain Effects on Soil Chemistry and Early Radish Health</i>
Nolan Yetukuri	Portola Highly Gifted Magnet	Third Place J1014	<i>Comparing the Amounts and Effects of Microplastics in Several Types of Water</i>
Zoya Kadri	Al-Huda Islamic School	Hon. Mention J1006	<i>The Dark Side of Sunshine: The Effect of UV Light on the Survival Rate of Daphnia Magna.</i>
Abinav Kallidai	Hale Charter Academy STEAM Magnet	Hon. Mention J1001	<i>What Aquatic Plant reduces the most Nitrates and Algae in Water?</i>
Bellarose Miranda	Lashon Academy	Hon. Mention J1002	<i>Acidity and Amazing Algae Illumination</i>
Alexander Prigmore	Incarnation Parish School	Hon. Mention J1010	<i>Fake Grass vs. Real Grass</i>
Chloe Galfayan	St. Gregory A & M Hovsepian School	Recognition J1003	<i>Plants and light growth</i>
Emily Gobikyan Elya Kahramanian	Armenian Sisters' Academy	Recognition J1011	<i>Effects of Pollution on Jellyfish</i>
Isabella Guzman Natalee Franzman	Louis Armstrong Middle School	Recognition J1015	<i>Plant X Soil</i>
David Hernandez	Ridgecrest Intermediate School	Recognition J1013	<i>Using pH-affected Water and Polystyrene to Affect the Growth of vigna radiata L.</i>
Naomi Jiang	The Science Academy STEM Magnet (jr)	Recognition J1008	<i>The Effect of Temperature and Carbon Dioxide on Coral Bleaching</i>
Marc Kalemkaryan Daniel Martirosyan Isaac Sesena	Sahag Mesrob Armenian Christian School	Recognition J1009	<i>Water Filtration</i>
Beauden Torrefflores	Incarnation Parish School	Recognition J1004	<i>Sustainable Cleanup: Aquatic Plant Efficiency in Oil Spill Remediation</i>

2026 Los Angeles County Science Fair Category Winners

Irene Um
Jacob Perez

Magnolia Science
Academy 6

Recognition

J1007

*Build Electronic Soil Moisture
Sensors*

2026 Los Angeles County Science Fair Category Winners

ECOLOGY - SR S10

Claire Yu Maya Chin Sophie Lin	The Webb Schools	First Place S1004	<i>Plastic Degradation is Not a Solution: The Life-Threatening Effects of PET Monomers on Branchionus</i>
Katelyn Liu	Flintridge Preparatory School	Second Place S1008	<i>Transcriptional Responses of Jellyfish Polyps to Phenanthrene Exposure: CL390 Expression and Development of a Gene Expression Protocol</i>
Jenny You	Flintridge Preparatory School	Third Place S1007	<i>Efficiency of Aurelia Aurita Mucus on Collection and Absorption of Ocean Oil Spills</i>
Aliza Abbaali Maryam Ahmed	Institute of Knowledge High School	Hon. Mention S1002	<i>Super Carbon Bros! Behavior-Mediated Reductions in Anthropogenic Carbon Emissions Relevant to Ecosystem Stress</i>
Avery Liu	Brentwood School (Senior)	Hon. Mention S1005	<i>Evaluating Microplastic contamination in mussels on the Central and Southern California Coast</i>
Rithwin Rengarajan	Torrance Unified School District	Hon. Mention S1009	<i>The Role of Cottonwood Trees (Populus fremontii) in Reducing Carbon in an Urban Ecosystem</i>
Yuchen DuBois Long Tran Edwin Yang	Don Bosco Technical Institute	Recognition S1010	<i>Superworms Super Solution</i>
Chris Kim	NATIONAL YOUTH COMMUNITY CENTER	Recognition S1006	<i>Growth of B. Juncea using Synthetic and Organic fertilizers</i>
Tristan Nguyen Joaquin Nguyen	Don Bosco Technical Institute	Recognition S1001	<i>A Bug's Life: An Investigation of Linepithema humile Worker Foraging Behaviors and Activity Under Variable Acoustic Conditions</i>
Kayden Yadegar	Brentwood School (Senior)	Recognition S1003	<i>Characterized Cyanobacteria Growth Conditions</i>

2026 Los Angeles County Science Fair Category Winners

ENGINEERING - BIOLOGICAL AND BIOMEDICAL - JR J11

Avish Banerjee	Madrona Middle School	First Place J1102	<i>CPR Guardian: A Real-Time Digital Twin for CPR Rate and Depth Feedback</i>
Lani Cravens Sarah Leon Alexa Amante	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Second Place J1104	<i>SomniCare</i>
Zoe Audu Cleopatra Roberts Richards Katherine Bennett	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Third Place J1107	<i>Anxiety Stabilizer</i>
Ella Ayvazyan	Stratford School-Altadena	Recognition J1101	<i>Evaluating AI-Generated Nutrition Information</i>
Josiah Diego Santiago Aguilar	Pomona Unified School District Junior Division	Recognition J1103	<i>Medbot</i>
Luca Guignard Andrew Sahakian Edward Wang	Stratford School-Altadena	Recognition J1108	<i>Can using AI to predict the oxidized contents of a fruit help explain its nutritional value?</i>
Aishwerini Jagadeesh	Rancho Pico Junior High School	Recognition J1105	<i>Project OncoDetect</i>
Riva Shah	Hale Charter Academy STEAM Magnet	Recognition J1106	<i>Do Smart Canes Really Help the Visually Impaired?</i>

2026 Los Angeles County Science Fair Category Winners

ENGINEERING - BIOLOGICAL AND BIOMEDICAL - SR S11

Andrew Metz	Damien High School	First Place S1109	<i>KnexFlex</i>
Ameya Balaji	Notre Dame Academy	Second Place S1102	<i>NeuroScreen: A Novel Tool to Characterize and Differentiate Visual Patterns in Stroke Versus Migraine with Aura</i>
Jordan Sligh	Palos Verdes Peninsula High School	Third Place S1121	<i>Synthesis of Aloe Vera-Enhanced Casein Dielectric Films for Transient Bioelectronic and Bone Tissue Applications</i>
Felicia Duan	Harvard-Westlake School (Senior Division)	Hon. Mention S1117	<i>Kirigami-Inspired Flexible Electrodes for Soft Brain Interfaces</i>
Ariana Hosseini	Polytechnic School	Hon. Mention S1119	<i>Edema Monitoring Device</i>
Areni Baboomi Talia Grigorian	Rose and Alex Pilibos Armenian School (Senior)	Recognition S1103	<i>Recharge and Repair</i>
Akanksha Biju	Arcadia High School	Recognition S1105	<i>Pillsminder: A Low-Cost RFID System for Improving Medication Adherence</i>
Tyler Chin Dexter Tu Ronit Rao	Arcadia High School	Recognition S1129	<i>Taking the Load Off: A Mechanical Evaluation of Load-Redistributing Knee Brace Design</i>
Elena Flores Izabella Garcia Citlali Morales	Pioneer High School	Recognition S1110	<i>The Blueprint For New Skin: Engineering and Testing Biomaterial Scaffolds</i>
Jenay Han	Harvard-Westlake School (Senior Division)	Recognition S1130	<i>AI Use for Hospitalized Stroke Patients</i>
Seonho Kim Peter Choi Angelina Gai	Crescenta Valley High School	Recognition S1123	<i>Improving Patient Compliance to Treatment Plans</i>
Peter Kouz Miguel Lopez	La Cañada High School	Recognition S1111	<i>Bite by Byte: Analyzing the Impact of Digital Scans Compared to Traditional Dental Impressions</i>
Chinmay Kumar	West Ranch High School	Recognition S1115	<i>Smart Hydrogel Bandage: A pH- and Temperature-Responsive Bandage for Noninvasive Wound Assessment</i>
Rachel Lee	Palos Verdes Peninsula High School	Recognition S1113	<i>UV-Crosslinking Poly(vinyl alcohol)-Methacrylate for Complex Brain Aneurysm Modeling</i>

2026 Los Angeles County Science Fair Category Winners

Mitchell Liu	Brentwood School (Senior)	Recognition S1120	<i>WoundCorder</i>
Francisco Livingston-Moreno	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1118	<i>The impact of DHA supplements added to neural induction media on differentiating neural cells</i>
Eeshita Mannem Michelle Adewinmbi Avika Agarwal	California Academy of Mathematics and Science	Recognition S1125	<i>The Reduction of Microbial Contamination in Aliquoting through Automation</i>
Andy Medina	Verdugo Hills High School	Recognition S1126	<i>Running Shoes: Artificially Made To Help Our Biomechanics</i>
Emma Park Madelyn Montecillo	Crescenta Valley High School	Recognition S1101	<i>Affordable 3D Printed Canine Prosthetics</i>
Tvisha Premjith	Academy of the Canyons Middle College High School	Recognition S1114	<i>Modulating Glymphatic-Like Transport to Reduce Molecular Accumulation in Neural Tissue Proxies</i>
Jiehua Shi	Polytechnic School	Recognition S1131	<i>Reducing System-Level Adherence Risk Through Constraint-Optimized Design of a Phone-Mounted Medication Storage Module</i>
Zainab Siddiqui Zara Khan	Institute of Knowledge High School	Recognition S1112	<i>When Brainwaves Diverge: A Computational EEG Analysis of Neural Variability and Neurophysiological Markers in Autism Spectrum Disorder and ADHD</i>
WeiJhen Wang	South Hills Academy	Recognition S1124	<i>A Pressure-Sensing Insole for Early Detection of Diabetic Foot Risk</i>
Amy Wen Aira Lee	Palos Verdes High School	Recognition S1104	<i>Formulation and Evaluation of CMC-Based Hydrogel Patches with EGCG and pH Indicators for Early Detection of Skin Infections</i>
Daniel Xue	The Webb Schools	Recognition S1116	<i>Standardized Imaging and Computational Correction for Quantitative Saliva-Based Dot Blot Immunoassays</i>
James Zhan	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1127	<i>Electric Stimulation of the Human Induces Stem Cell Derive Cardiomyocyte</i>
Jeremy Zhang	Campbell Hall Episcopal	Recognition S1106	<i>Hybrid Ankle-foot Orthosis with Soft Pneumatic Actuation</i>

2026 Los Angeles County Science Fair Category Winners

Lawrence Zhao

NATIONAL YOUTH
COMMUNITY
CENTER

Recognition

S1128

*In Silico Mapping of STAT3-Driven
Immunosuppression and Lipid
Metabolism via Deep Learning: A
Virtual Histopathology Pipeline for
Cancer Prognosis*

2026 Los Angeles County Science Fair Category Winners

ENGINEERING - CIVIL AND ENVIRONMENTAL - JR J12

Daniel Ahdoot Ryan Pearlman	Portola Highly Gifted Magnet	First Place J1215	<i>Rocket-Powered Reforestation: Engineering A Rocket-Deployed Aerial Seeding Device</i>
Evo Vegh	Woodcrest School	Second Place J1227	<i>Affordable Wind Tunnels</i>
Narinder Badhan II Jaydan Robledo	Stratford School-Altadena	Third Place J1219	<i>Bridge Structures vs. Natural Disasters</i>
Justin Phan	Hale Charter Academy STEAM Magnet	Hon. Mention J1210	<i>What is the Optimal Angle for Warren Truss Bridge Supports?</i>
Sophia Youssefia	Valley School	Hon. Mention J1223	<i>Comparing Total Cost of Ownership and Environmental Impact of Gasoline, Hybrid, and Electric Passenger Cars</i>
Kira Agadzhanian	La Canada Preparatory	Recognition J1216	<i>Can Plants Grow in Microgravity?</i>
Sophia Alexsanian Milana Sherian	Rose and Alex Pilibos Armenian School (Junior)	Recognition J1228	<i>LED wind power house</i>
Jubilee Anokwute	Rudecinda Sepulveda Dodson middle school	Recognition J1218	<i>Shake Resistance</i>
Levon Archabahian	Sahag Mesrob Armenian Christian School	Recognition J1214	<i>Solar Oven</i>
Alan Arslanian	St. Gregory A & M Hovsepian School	Recognition J1225	<i>The Water Desalinator</i>
Cecily Cuevas Hazel Abrego	Rudecinda Sepulveda Dodson middle school	Recognition J1226	<i>Extracting Water from Plants</i>
Zidan Elshishiny	Institute of Knowledge Middle School	Recognition J1211	<i>Strength in Structure: Comparative Load-Bearing Performance of Beam and Truss Bridge Designs</i>
Jonathan Euredjian	Sahag Mesrob Armenian Christian School	Recognition J1209	<i>The Effect of Paving Materials on Vehicle Efficiency</i>
Chance Farkas Darwynn Hsui	The Science Academy STEM Magnet (jr)	Recognition J1212	<i>Automated Moisture Content Based Plant Irrigation System</i>

2026 Los Angeles County Science Fair Category Winners

Felix Gordon Barrett Finn	The Science Academy STEM Magnet (jr)	Recognition J1202	<i>Creating a Resource-Saving Irrigation System</i>
Michael Grigoryan Carson Antonyan Matthew Malakian	Rose and Alex Pilibos Armenian School (Junior)	Recognition J1217	<i>Earthquake Proof Building</i>
Dhalila Huerta Hailey Tapia	Louis Armstrong Middle School	Recognition J1206	<i>The Cycle of Water Filtration</i>
Mia Kolegayeva	The Science Academy STEM Magnet (jr)	Recognition J1213	<i>DIY Macro Lens Attachment</i>
Gayane Mkrtchyan Ava Budagyan Melanie Khobiarian	Rose and Alex Pilibos Armenian School (Junior)	Recognition J1205	<i>Which bridge holds the most weight</i>
Kenneth Noble Finley Samuelson	Louis Armstrong Middle School	Recognition J1203	<i>Can a Bridge Made Out of Popsicle Sticks Hold 100lbs.?</i>
Sicily Nuovo	St. Cyril of Jerusalem School	Recognition J1208	<i>Bridge Design</i>
Dylan Ocampo	Magnolia Science Academy 6	Recognition J1201	<i>Build a solar-powered car</i>
Omar Peerzay Rashidi Zamril	Quba Islamic School (Junior)	Recognition J1222	<i>Different Types of Bridges</i>
Shangze Ethan Pei	South Pasadena Middle School	Recognition J1207	<i>Energy Consumption and Environmental Impact of AI Writing Tools</i>
Ibrahim Sabah	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Recognition J1224	<i>Electric Vehicle Wireless Charging Station</i>
Jana Shehata	New Horizon School Pasadena	Recognition J1221	<i>Solar Thermal Cooker</i>
Manvir Singh	Ross Academy of Creative and Media Arts Middle School	Recognition J1204	<i>Paper Airplane Launcher</i>
Abdullah Zafar	Quba Islamic School (Junior)	Recognition J1220	<i>Watts's The Best Blade?</i>

2026 Los Angeles County Science Fair Category Winners

ENGINEERING - CIVIL AND ENVIRONMENTAL - SR S12

Hao Lin	Mira Costa High School	First Place S1214	<i>ST-RIME: A Spatio-Temporal Physics-Informed Optimization Framework for Regional Infrastructure Mitigation and Evaluation</i>
Daniel Son	Gretchen Whitney High School	Second Place S1209	<i>Prototyping Magneto Hydrodynamic Drive Submarines: A Cleaner, Quieter, and Longer-lasting Alternative</i>
Isabella Ma	Flintridge Preparatory School	Third Place S1208	<i>Utilizing Laminar Flow and Dean (Drag) Force to Create a Microfluidic Device Separating Microplastics from Water</i>
Xinhang Dong	The Webb Schools	Hon. Mention S1226	<i>Autonomous Wildfire Detection Using a Modular RGB-Thermal Drone Payload</i>
Zehao Qiu	The Webb Schools	Hon. Mention S1206	<i>Non-Invasive and Portable Leaf Water Content Measure System based on Infrared Light Absorption Spectrum</i>
Katia Thomas	Archer School for Girls - Senior Division	Hon. Mention S1221	<i>Filtering the Future: Creating a bioreactor system for water filtration and environmental protection.</i>
Rafia Ahmed	Quba Islamic School (Senior)	Recognition S1215	<i>Earthquake Resistant Buildings</i>
Anant arora	North High School	Recognition S1205	<i>TerraGuard: Ground-Based Pre-Visible Detection of Incipient Wildfires Using Multi-Sensor Fusion and Edge Intelligence</i>
Ananya Balaji Dean Choi	Palos Verdes High School	Recognition S1210	<i>Application of Ultrasonic Acoustic Wave Emission for Mobile Structural Health Monitoring</i>
Olivia Cherian	La Serna High School	Recognition S1204	<i>Car Fuel Efficiency</i>
Giselle Claudio Kailey Adriatico	Saint Anthony High School	Recognition S1211	<i>Shake or Break</i>
Shahrzad Dardashti Evelyn Kruger	Beverly Hills High School	Recognition S1212	<i>Powerful Power Poles</i>
Lance Gonzalez Ethan Chantanusart Kaeden Alconaba	Saint Francis High School	Recognition S1222	<i>Permeable tiles</i>

2026 Los Angeles County Science Fair Category Winners

Katelyn Lee	Crescenta Valley High School	Recognition S1220	<i>Before the Flames: Reducing Wildfire Damage by Deflecting Embers</i>
Xinying Li	The Webb Schools	Recognition S1224	<i>Investigating the Impact of Dust and Air Pollution on Solar Panel Efficiency</i>
Adam Naseer	Institute of Knowledge High School	Recognition S1218	<i>Beneath the Wheels: Mechanical Optimization of Piezoelectric Roadway Energy Harvesting</i>
Isaiah Perez-Sandi Maximilian Betancourt Eivar Zepeda	Don Bosco Technical Institute	Recognition S1201	<i>A Cleaner Approach to the Factory Industry</i>
Jordan Rowe	The Science Academy STEM Magnet (Senior)	Recognition S1203	<i>Optimizing Evacuation Routes: Rapid Pathfinding through Image-Based Grid Modeling and A* Algorithmic Route-Planning</i>
Sofia Schatz Alejandra Ordonez	Pomona Unified School District Senior Division	Recognition S1225	<i>Asphalt vs Concrete</i>
Atharva Shimpi	The Science Academy STEM Magnet (Senior)	Recognition S1207	<i>Investigating Lunar Simulant to Binder Ratios for High-Durability Lunar-Base Analogs</i>
Samuel Sun	Palos Verdes High School	Recognition S1223	<i>Optimizing the Production and Morphological Properties of Pleurotus ostreatus Mycelium-Based Composites Through Biochar Integration</i>
Jingkuan Wang	Diamond Bar High School	Recognition S1216	<i>A Smart Irrigation Prototype: Vision-Based Soil Moisture Recognition and Closed-Loop Control</i>
Zhao Xiaopan	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1202	<i>Fire Detect Drone</i>

2026 Los Angeles County Science Fair Category Winners

ENGINEERING - ELECTRONICS AND ROBOTICS - JR J13

Aria Badii-Shapiro	Portola Highly Gifted Magnet	First Place J1303A	<i>Can a robotic mouth be constructed to mimic mouth movements made during speech?</i>
Monika Gevorgyan	The Science Academy STEM Magnet (jr)	Second Place J1316A	<i>ASL-to-Speech Glove: Converting Signed Letters into Speech</i>
Arie Maman Judah Maman	The Science Academy STEM Magnet (jr)	Third Place J1301A	<i>Translating ASL Into Readable text</i>
Ethan Simantob John Schaubach	Valley School	Hon. Mention J1314A	<i>Firefinding RC Aircraft</i>
Ani Abgaryan	C&E Merdinian Armenian Evangelical School	Recognition J1311A	<i>Smart glasses</i>
Touq Albeharian	New Horizon School Pasadena	Recognition J1308A	<i>Pre Activated Smart Lane System</i>
Natharie De Silva Jhune Toruno	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Recognition J1318A	<i>V.I.S.I.O.N.S: Vehicle Inattention Safety Integration and Observation Network System</i>
Geo Ghazal	St. Gregory A & M Hovsepian School	Recognition J1312A	<i>Hydro Hawk</i>
Alex Gobikyan Eddie Edwarian Alexander Esmailian	Armenian Sisters' Academy	Recognition J1302A	<i>Robotic Arm</i>
Oleg Khavroniuk	Woodcrest School	Recognition J1315A	<i>Disaster Rescue Robot</i>
Alex Mata	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Recognition J1309A	<i>Arf Bot Cleanup Patrol</i>
Sophie Mnauelian	Rose and Alex Pilibos Armenian School (Junior)	Recognition J1306A	<i>Motion-Activated car</i>
Emmanuel Ojeikere Aldrich Van	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Recognition J1310A	<i>SoundVision</i>
Yuriah Xander Ordinario	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Recognition J1313A	<i>Ocean Plastic Collector</i>

2026 Los Angeles County Science Fair Category Winners

Safeeya Sheikh	New Horizon School Pasadena	Recognition J1305A	<i>Designing a Smart Water Saver</i>
Ruitong Wang	Portola Highly Gifted Magnet	Recognition J1317A	<i>Testing the Independence of AI Controlled Programs on Automobiles</i>

2026 Los Angeles County Science Fair Category Winners

ENGINEERING - ELECTRONICS AND ROBOTICS - JR J13

Mustafa Ibrahim	Institute of Knowledge Middle School	First Place J1327B	<i>Catching Fire: Reducing Fire Alarm Detection Latency Through Integrated Multi-Sensor Systems</i>
Sanhith Arekuti Mukunth Indrajeeth	The Science Academy STEM Magnet (jr)	Second Place J1336B	<i>Pressure to Power: Converting Footsteps to Electricity</i>
Armen Khatchadourian Michael Grigorian	C&E Merdinian Armenian Evangelical School	Third Place J1319B	<i>Compressed Air Engine</i>
Mizuki Iwane Neina Manios	Rudecinda Sepulveda Dodson middle school	Hon. Mention J1328B	<i>Gymnastics Guard</i>
Everett Sommers	St. Martin of Tours	Hon. Mention J1334B	<i>Electromagnetism: The Power You Cannot See</i>
Aaron Zaferes	Incarnation Parish School	Hon. Mention J1329B	<i>Moisture Matters</i>
Yara Atiya Sarah Bouchikhi	New Horizon School Westside	Recognition J1331B	<i>" The Pecil-Powered Circuit : Investigating Graphite Circuits"</i>
Priya Chatterjee	St. Cyril of Jerusalem School	Recognition J1325B	<i>Genetic Editing Assistant</i>
Jonathan Diaz-Cabrera Cristian Gutierrez-Velasco	Magnolia Science Academy 6	Recognition J1333B	<i>Which Sensor Is Better? Infrared or Ultrasonic sound</i>
Emilia Ghivandian Ruzanna Shakaryan Lori Saghbazarian	C&E Merdinian Armenian Evangelical School	Recognition J1332B	<i>Bringing Slime To Life</i>
Catalea Guerrero	Ross Academy of Creative and Media Arts Middle School	Recognition J1324B	<i>How does the number of lightbulbs and the color of the lightbulbs affect how bright they are?</i>
Sabrina Kainbacher Penelope Schwan	New Roads Middle School	Recognition J1330B	<i>Solar Ovens</i>
Kenneth Lazarovits	Louis Armstrong Middle School	Recognition J1326B	<i>how far can I get a catapult to throw by changing different components</i>
Noelle Manuelian Natalie Kushnatsian Rosie Vahansaryan	C&E Merdinian Armenian Evangelical School	Recognition J1335B	<i>Blow That Button! How to make a puff switch</i>
Hanna Pak Chimamanda Odu	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Recognition J1321B	<i>Senior Alarms</i>

2026 Los Angeles County Science Fair Category Winners

Nurandad Rahman	New Horizon School Pasadena	Recognition J1323B	<i>Designing a Thermoelectric Vest</i>
Gwendolyn Saengphaibul	Stratford School- Altadena	Recognition J1320B	<i>Which AI Program can Successfully Repair a Piece of Paper?</i>
Marjana Zara	New Horizon School Pasadena	Recognition J1322B	<i>Designing a Homework Reminder Box</i>

2026 Los Angeles County Science Fair Category Winners

ENGINEERING - ELECTRONICS AND ROBOTICS - SR S13

Cavon Hajimiri	Polytechnic School	First Place S1327	<i>A Wearable 10.5 GHz Radar-Based Pedestrian Collision Avoidance Sensor with Edge-Executed Machine Learning</i>
Shreya Sutar	California Academy of Mathematics and Science	Second Place S1323	<i>Fixed vs Adaptive Torque on Grip Performance in an EMG Prosthetic Hand</i>
Anish Anand	Palos Verdes Peninsula High School	Third Place S1309	<i>A Novel Hybrid Equalization Technique for High-Speed Data Communications</i>
Yiwen Cheng	Harvard-Westlake School (Senior Division)	Hon. Mention S1303	<i>A Bio-resonant Millimeter-Wave Radar Smart Cane for Non-contact Health Monitoring of the Elderly</i>
Varun Karra	North Hollywood High School	Hon. Mention S1324	<i>The Virtual Disk Effect: Optimizing UAV Hover Efficiency via Samara Inspired Rotating Airframes</i>
Arshan Soltanzadeh	La Cañada High School	Hon. Mention S1310	<i>A Near-Field Wireless System for Battery-Free Ingestible Biosensing</i>
Jeongseop Yoon Millan Hamilton	Gretchen Whitney High School	Hon. Mention S1301	<i>Pruning and Duty-Cycled AI to Maximize Autonomous Drone Flight Time for Real-Time Wildfire Detection</i>
Xingtong Zou	The Webb Schools	Hon. Mention S1316	<i>S.I.G.N.A.L. - SSVEP Integrated Gear for Neck-Assistive Locomotion: An Neck Exoskeleton for late-stage Amyotrophic Lateral Sclerosis</i>
Joud Al Tawam	Quba Islamic School (Junior)	Recognition S1315	<i>Redesigning RobTops Geometry Dash from Scratch Using Unity</i>
Zoher Aljabi Anas Eldokony Muhammad Parekh	Institute of Knowledge High School	Recognition S1317	<i>Solar Stress: Effects of Ultraviolet Exposure on the Durability of Common 3D-Printing Filaments</i>
Ashod Baronian Alex Tcholakian Nicholas Macdonald	Rose and Alex Pilibos Armenian School (Senior)	Recognition S1325	<i>How Well Can Humans Detect AI Written Writing?</i>
Jocelyn Benitez Natasha Garcia	Pomona Unified School District Senior Division	Recognition S1322	<i>Watts Up With Heat</i>
Skyler Enari Alan Taft	California Academy of Mathematics and Science	Recognition S1302	<i>Guided by Light</i>

2026 Los Angeles County Science Fair Category Winners

Samuel Eskander Rui Hokyo	California Academy of Mathematics and Science	Recognition S1312	<i>Development of a Volatile Organic Compound-Sensing System for Food Spoilage Identification Using Low-Cost Gas Sensors</i>
Annalia Henderson	Palos Verdes High School	Recognition S1326	<i>Adaptive Wireless LED Illumination System for Real-Time Orchestral Synchronization</i>
Lawrence Lam Timothy Chen	Temple City High School	Recognition S1329	<i>AI Lifeguard for Beaches and Pools</i>
Ethan Park	Sequoyah School	Recognition S1328	<i>Testing Wireless Electricity Through Magnetic Induction</i>
Tade Petrosyan Eli Jared Ongyiu	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1313	<i>Analysis of Mostly Printed CNC</i>
Muhammad Shaikh Adam Azzawi Yousaf Azzawi	Institute of Knowledge High School	Recognition S1319	<i>Correcting the Curve: Evaluating the Effectiveness of a Low-Cost Wearable Posture Feedback System Using Inertial Sensors</i>
Neil Takhar Arsalan Khan Lucas Sorrow	Golden Valley High School	Recognition S1320	<i>Evaluating Tire Design Effects on Traction and Efficiency Using Simulation and Robotics</i>
Sophia Vasquez	Verdugo Hills High School	Recognition S1305	<i>Optimizing Camera Position for AI Drowning Detection Systems</i>
Allen Xie	Palos Verdes Peninsula High School	Recognition S1314	<i>Small Robot, Big Agility: A Jerboa- Inspired Robot</i>
Ethan Zhang	Prestige STEM Academy (Senior)	Recognition S1308	<i>Quantifying Human and Model Bias in Emergency Triage and Evaluating a Bias-Mitigated Decision-Support System</i>

2026 Los Angeles County Science Fair Category Winners

ENVIRONMENTAL MANAGEMENT - JR J14

Anish Uvaraj	Rancho Pico Junior High School	First Place J1414	<i>Autonomous Oil Skimmer Boat</i>
Kietsai Sora-Lee	Sierra Madre Middle School	Second Place J1424	<i>Should Variegated American Agave Century Replace Current Wood Based Cardstock</i>
Anika Jain	Archer School for Girls	Third Place J1416	<i>Small Plastics, Big Consequences: The effects of Fluorescent Amino-Formaldehyde Polymers on the regeneration rate of planarian flatworms</i>
Ariana Kotikian Arpa Bostanian	Armenian Sisters' Academy	Hon. Mention J1409	<i>The Effect of Heat, Storage, and Filtration on Microplastic Release in Bottled Beverages</i>
Aadya Nandagiri	Oak Hills Elementary	Hon. Mention J1415	<i>Solar Powered Water Pump Desalination System</i>
Olivia Rodriguez	Mark Twain Middle School	Hon. Mention J1420	<i>Microplastics: the invisible threat</i>
Nicole Salehpour	La Canada Preparatory	Hon. Mention J1425	<i>Hydroponics vs Aeroponics</i>
Noy Avitsian	Chamlian Armenian School	Recognition J1410	<i>How Efficiently Can Ferrofluids Remove Microplastics From Our Waterways?</i>
Khatchik Babadjanian Monte Pirali Nathan Titanian	Sahag Mesrob Armenian Christian School	Recognition J1411	<i>Microplastic Filter</i>
Dvin Dellalian Araham Poladian	C&E Merdinian Armenian Evangelical School	Recognition J1418	<i>Trash to Gas!</i>
Thomas Idos	Incarnation Parish School	Recognition J1417	<i>Tiny Plastics Big Problem: Microplastics in our food and environment</i>
Ivan Ishutin	Charles Evans Hughes Middle School	Recognition J1404	<i>How close is too Close?: Examining airborne particulate matter in homes near the Long Beach Airport.</i>
Zae Jackson	Louis Armstrong Middle School	Recognition J1421	<i>Can the Color of your House Reduce your Energy Footprint?</i>
Yousef Kazamel	New Horizon School Pasadena	Recognition J1403	<i>Beach, Brew, and Bricks: Which Soil Cover Keeps the Most Soil Moisture?</i>
Nolan Leung	St. Cyril of Jerusalem School	Recognition J1407	<i>The Drought Stopper</i>

2026 Los Angeles County Science Fair Category Winners

Emma Malinis	Hale Charter Academy STEAM Magnet	Recognition J1401	<i>Which Biodegradable Material is Most Suitable to Clean Up Oil Spills?</i>
Amila Monkewitz	Sierra Madre Middle School	Recognition J1413	<i>How Much Can I Reduce Waste Production In My Household Through Reuse</i>
Abdullah Murad	Al-Huda Islamic School	Recognition J1422	<i>BOTTLED UP CONTAMINATION! EXAMINING THE DECLINE IN WATER QUALITY AS PLASTIC WATER BOTTLES ARE SUBJECTED TO THE HEAT OF THE SUN INSIDE A CAR.</i>
Isioma Onugha	Archer School for Girls	Recognition J1406	<i>Fresh Desalinated Water: How modern day filtration methods can filter seawater</i>
Stella Pellier Chloe Kostarias	Palos Verdes Intermediate School	Recognition J1412	<i>An In-Depth study of Filtration Efficiency in Man-Made Versus Commercially Manufactured Water Filters</i>
Jessalyn Pong Sophia Kim	Ridgecrest Intermediate School	Recognition J1419	<i>Comparing the Growth of Coriandrum Sativum With or Without Microplastics</i>
Ryan Resurreccion	Ross Academy of Creative and Media Arts Middle School	Recognition J1405	<i>What City has the Cleanest Tap Water?</i>
Sasha Samii	St. Martin of Tours	Recognition J1426	<i>Are You Drinking Plastic</i>
Nina Tooke Isla Canning	Archer School for Girls	Recognition J1423	<i>Microplastic Uptake in Hydroponically Grown Cherry Belle Radishes: Investigating Root Absorption of 5 μm Fluorescent Microspheres.</i>
Bhavika Vallabhaneni Mithra Adaikkappan Dolika lakshmi Pulipati	First Avenue Middle School	Recognition J1402	<i>Quietide</i>
Rebecca Villavencio Emma Diaz	Mark Twain Middle School	Recognition J1408	<i>How Does Location Impact Air Quality?</i>

2026 Los Angeles County Science Fair Category Winners

ENVIRONMENTAL MANAGEMENT - SR S14

Talia Boghossian Alique Bardakian	Rose and Alex Pilibos Armenian School (Senior)	First Place S1414A	<i>Worming Our Way Through Plastic!</i>
Charley Zhang	The Webb Schools	Second Place S1406A	<i>Networked Greenhouse Gas Sensors for Microclimate Monitoring</i>
Chiara Reynolds	Cabrillo Marine Aquarium	Third Place S1408A	<i>Rodenticides in Coastal Sediment: A Comparison of Two Southern California Beaches</i>
Simren Bindra	Harvard-Westlake School (Senior Division)	Hon. Mention S1412A	<i>Persistence of Lead Contamination One Year After the Eaton Fire</i>
Sofie Gambourian	Rose and Alex Pilibos Armenian School (Senior)	Hon. Mention S1416A	<i>Small Plastics, Big Impact Investigating How Clean and Oil- Coated Microplastics Affect Plant Growth and Oxygen Production</i>
Seyon Ponniah Adithya Anand	Gretchen Whitney High School	Hon. Mention S1413A	<i>Effect of Contaminants on Solar Panel Efficiency</i>
Upton Ta-Beadle	Loyola High School	Hon. Mention S1402A	<i>Acoustic Acidimetry: Utilizing Passive Acoustic Monitoring and Viscous Relaxation Models to Quantify Ocean Acidification Hotspots</i>
Ivy Zhu	NATIONAL YOUTH COMMUNITY CENTER	Hon. Mention S1409A	<i>Environmental Justice, Climate Change, and Heat Exposure in Los Angeles Farmworker Communities</i>
Valeria Antonio Bianca Granado	Pioneer High School	Recognition S1419A	<i>Native vs. Invasive: An Investigation into the Burn Rates of Common California Plant Species</i>
Ameyaa Deo-Dixit	California Academy of Mathematics and Science	Recognition S1404A	<i>The Effects of Ocean Acidification on the Oxygen Production of Microalgae <i>Tetraselmis chuii</i> and <i>Rhodomonas salina</i></i>
Shiqing Luo	Flintridge Preparatory School	Recognition S1410A	<i>Coastal Microplastic Contaminant Quantification with Cost-Effective ResNet18-Assisted Fluorescence Microscopy</i>
Terry Ok	Harvard-Westlake School (Senior Division)	Recognition S1403A	<i>The Clandestine “Forever Chemical” Causing Havoc in 99% of Humans...Including You: The LA Angle</i>

2026 Los Angeles County Science Fair Category Winners

Nissara Shah Leani Al-Midani	Archer School for Girls - Senior Division	Recognition S1401A	<i>Phos and Furious: Impact of the fire repellent Ammonium Dihydrogen Phosphate on Chlorella Vulgaris.</i>
Ruoxi Shi	Harvard-Westlake School (Senior Division)	Recognition S1415A	<i>A Portable Functionalized Nanofiber Wand for Removing Bottle-Shed Micro- and Nanoplastics in Purified Drinking Water</i>
Damien Soltis	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1417A	<i>From Sink to Soil: The Effects of Sodium Lauryl Sulfate on Plant Growth</i>
Milena Weinberg	Brentwood School (Senior)	Recognition S1418A	<i>Rice Strains Link to Methane</i>
Kiele Wilson	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1411A	<i>Effects of Microplastics on Seed Germination and Growth</i>
Qinxian Zhu	Mira Costa High School	Recognition S1407A	<i>Beach Guardian</i>

2026 Los Angeles County Science Fair Category Winners

ENVIRONMENTAL MANAGEMENT - SR S14

Neil Hu	Temple City High School	First Place S1428B	<i>Experimental Investigation of an Advanced System to Prevent Pollutant Ingress into Vehicles</i>
Charlotte Moo Evangeline Ojo	West High School	Second Place S1431B	<i>Evaluating Mule Fat (<i>Baccharis salicifolia</i>) for Phytoremediation of Heavy Metals in California Wetlands</i>
Stephen Jung Esther Park Alexander Wilson	Crescenta Valley High School	Third Place S1429B	<i>Recycling Invasive Plant Matter for Soil Regeneration</i>
Victoria Lee Beatrice Santamaria Jenna Zhou	Crescenta Valley High School	Hon. Mention S1421B	<i>Propolis as a Natural Alternative to Chemical Pesticides</i>
Kason Liu Sahil Julka	Gretchen Whitney High School	Hon. Mention S1436B	<i>Analyzing the Noise Attenuation Properties of Common Plant Species as Sustainable Mitigators of Urban Noise Pollution</i>
Shayon Roy	AESA STEM Academy (Senior)	Hon. Mention S1425B	<i>Storm Drain Risk Mapping with Physical Durability Testing and Machine Learning</i>
Neil Agrawal Emaad Islam	Golden Valley High School	Recognition S1427B	<i>AI Fire Predictability</i>
Nikita Agrawal Pragya Jain	Gretchen Whitney High School	Recognition S1432B	<i>Soil Moisture Detector: Creating a Solution for Water Conservation Through Smarter Irrigation</i>
Aashritha Chalamalasetty	El Camino Real Charter High School	Recognition S1437B	<i>Solar vs. Wind: Which Powers a Car Better?</i>
Crystal Clinton Ella Edery Chantelle Clinton	Beverly Hills High School	Recognition S1420B	<i>Optimizing a Low-Cost Bread Preservation Device</i>
Margaret De Los Santos	Saint Anthony High School	Recognition S1433B	<i>Which Natural Coagulant Reduces Water Turbidity More Effectively?</i>
Benjamin Hacker	Beverly Hills High School	Recognition S1423B	<i>Water Conservation using Greywater</i>
Leon Hairabedian	Rose and Alex Pilibos Armenian School (Senior)	Recognition S1424B	<i>Evaluating Chemical and Biological Strategies for Carbon Capture and Reutilization</i>
Armine Khachatryan Alexa Daglian	Rose and Alex Pilibos Armenian School (Senior)	Recognition S1422B	<i>Burn Barrier: The Effectiveness of Fireproofing Treatments</i>

2026 Los Angeles County Science Fair Category Winners

Judy Law	Harvard-Westlake School (Senior Division)	Recognition S1426B	<i>Evaluating Fire Resistance of Succulent Plants</i>
Marcos Mendoza Marc James	Saint Anthony High School	Recognition S1430B	<i>Rooftop Jungle, A comparison of Green and Traditional Roofs on Temperature and Runoff</i>
Trajan Meyer	Loyola High School	Recognition S1435B	<i>PFAS Remediation: A Comparative Analysis of PFAS Mitigation Technologies in Context</i>

2026 Los Angeles County Science Fair Category Winners

MATERIALS SCIENCE - JR J15

Norah Goodman	The Science Academy STEM Magnet (jr)	First Place J1503	<i>Building a Cooler City, One Roof at a Time</i>
Alexander Simonian	Sierra Madre Middle School	Second Place J1509	<i>What diy material is best for soundproofing?</i>
Oscar Prieto	New Roads Middle School	Third Place J1505	<i>Can cocoa husk be used to make building materials?</i>
Treasure Omoroghomwan Senna McKenna	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Hon. Mention J1506	<i>Cool Case</i>
Layla Pasetta	Valley School	Hon. Mention J1516	<i>SPACESUIT SANDWICH! How to design the best space suit using modern fabrics.</i>
Zain Rangoonwala	Institute of Knowledge Middle School	Hon. Mention J1507	<i>Thirsty Cooling: Evaluating Thermal Efficiency and Water Use in Cooling Systems Under a Constant Heat Load</i>
Lana Almassri Maryam Rahmani	Quba Islamic School (Junior)	Recognition J1511	<i>Comparing Homemade Glues</i>
Lila Aslanian	Sahag Mesrob Armenian Christian School	Recognition J1512	<i>Best Heat Insulator</i>
Alexander Chan	Rudecinda Sepulveda Dodson middle school	Recognition J1508	<i>How Does the Shape of Liquid Glue Affect the Strength of the Adhesive</i>
Ethan Kim	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Recognition J1502	<i>Make a non-sticky chewing gum</i>
Jayden Kim	The Science Academy STEM Magnet (jr)	Recognition J1504	<i>Bountiful Bioplastics</i>
Julia Kuzoyan	La Canada Preparatory	Recognition J1519	<i>Splitting Water Smarter!</i>
Sofia Landis	Magnolia Science Academy 6	Recognition J1517	<i>Which type of building materials can withstand a tsunami?</i>
Dylan Mejia	Lashon Academy	Recognition J1501	<i>Coke And Mentos</i>
Sarah Owainat	New Horizon School Pasadena	Recognition J1514	<i>What Material Blocks Sound The Best?</i>

2026 Los Angeles County Science Fair Category Winners

Luke Ponnezhan
Giuliana Gratton

Stratford School-
Altadena

Recognition

J1513

*Which high powerd hair tool may
cause the most hearing damage
over time*

Soraya Teagle

Incarnation Parish
School

Recognition

J1515

End of Plastic?

Desmond Young
David Noriega

Rudecinda
Sepulveda Dodson
Middle School
Visual and Performi

Recognition

J1510

*How Does the Type of Material
Affect How Resistant a Building is
to Earthquakes*

2026 Los Angeles County Science Fair Category Winners

MATHEMATICS AND COMPUTER SCIENCE - JR J16

Nayeli Robinson Diaz	Hale Charter Academy STEAM Magnet	First Place J1602	<i>What Material Blocks Wifi Signals the Most?</i>
Mason Sung	National Youth Community Center (Junior)	Second Place J1603	<i>Investigation of Response Variability in AI Models Across Different Prompt Types</i>
Michelle Nordahl	Hale Charter Academy STEAM Magnet	Third Place J1601	<i>Does AI Have Bias?</i>
William Hadi	Walter Reed Middle School	Hon. Mention J1604	<i>Assessing the Robustness of AI-Driven Speech Classification</i>

2026 Los Angeles County Science Fair Category Winners

MATHEMATICS AND COMPUTER SCIENCE - SR S16

Hongyi Li	The Buckley School	First Place S1604	<i>Cost-Constrained Conservative Calibration Scheduling for Drifting Quantum Processors</i>
Arav Rawat Advait Kaimal	Granada Hills Charter High School	Second Place S1609	<i>Characterizing Performance Boundaries of Deep BSDE Approximations for Heston Stochastic Volatility Models</i>
Jiaheng Li	Arcadia High School	Third Place S1605	<i>Signature Characters of the Hermitian Invariant Forms on Representations of Non-Semisimple Deformation Algebras and Quantum Groups</i>
Shahad Alam	Institute of Knowledge High School	Hon. Mention S1612	<i>Signal Snatcher: Evaluating Password Complexity as a Defense Against WPA2 Dictionary Attacks</i>
Rhys Fischer	William H. Taft Charter High School	Hon. Mention S1608	<i>Is Non-Verbal Communication a Necessary Factor for Player Coordination in Online Games</i>
Madeleine Jiang	California Academy of Mathematics and Science	Hon. Mention S1602	<i>Analysing Adversarial Makeup Effects on Facial Recognition Accuracy</i>
Donghee Kim	North Hollywood High School	Hon. Mention S1603	<i>Theoretical Bounds on Deep Learning Architectures for Sequential Entropy Estimation: Applications to Cetacean Communication</i>
Aiden Kwon	Palos Verdes Peninsula High School	Hon. Mention S1601	<i>CLEAR: A Congestion-Limited, Event-Aware Reinforcement Learning Solution for Cooperation Collapse in Multi-Agent Systems</i>
Hasini Seemakurthy	William H. Taft Charter High School	Hon. Mention S1607	<i>Prevent Mosquito Borne Virus With AI</i>
Koustav Acharya Alexander Wang	William H. Taft Charter High School	Recognition S1610	<i>Evaluating Predictive Lag in Simple Linear Regression (SLR) for High-Frequency Equity Trading</i>
Pavitra Kartikk	William H. Taft Charter High School	Recognition S1611	<i>How Strong Is Your Password?</i>
Yunhu Nam	West High School	Recognition S1613	<i>Geometric Stochastic Control for Multi-Robot SLAM: A Unified Framework via SPDEs, Optimal Transport, and Persistent Homology</i>

2026 Los Angeles County Science Fair Category Winners

Erin Youn

Marymount High
School

Recognition

S1606

Synaptic Dynamics and Plasticity

2026 Los Angeles County Science Fair Category Winners

MICROBIOLOGY - JR J17

Arjun Anand	Hale Charter Academy STEAM Magnet	First Place J1709	<i>Do Natural Compounds Exhibit Synergistic Antibacterial Activity Against Escherichia coli for Wound Care?</i>
Nikita Kapoor	Miraleste Intermediate School	Second Place J1714	<i>Symbiotic Power Generation: Investigating and Optimizing Microalgae-Microbial Fuel Cell for Enhanced Voltage Output</i>
Zaina Khan	New Horizon School Pasadena	Third Place J1704	<i>Healing Earth</i>
Masa Alsayed	Institute of Knowledge Middle School	Hon. Mention J1712	<i>Crowding Out Cancer: Density-Dependent Growth Regulation in a Model Eukaryotic System</i>
Sofia Bello	Rudecinda Sepulveda Dodson middle school	Hon. Mention J1715	<i>What Part Of A Cellphone Has The Most Bacteria?</i>
Megan Huang Ameliya Kan	Ridgecrest Intermediate School	Hon. Mention J1717	<i>Evaluating the Effect of Cutting Board Material and Washing Technique on Bacterial Retention</i>
Zoe Wagner	Valley School	Hon. Mention J1718	<i>Measuring Yeast Metabolism under Aerobic and Anaerobic Conditions</i>
Haneefah A.W. Rahmani	Quba Islamic School (Junior)	Recognition J1711	<i>Effects of Antibiotics, Probiotics, and Natural Substances on the Growth of Skin-Associated Bacterium</i>
chadly ayachi	Quba Islamic School (Junior)	Recognition J1710	<i>which natural cleaning products cleans the best</i>
Islam Djellali	New Horizon School Westside	Recognition J1702	<i>Temperature Affected Bacteria Growth</i>
Sophie Galfayan Carla Jivalagian	St. Gregory A & M Hovsepian School	Recognition J1716	<i>Preventing Strawberry Mold</i>
Lara Hazarian	Rose and Alex Pilibos Armenian School (Junior)	Recognition J1706	<i>Food for Thought: How Common Household Substances Affect Mold Growth on Bread, Bananas, and Apples</i>
Cailin Hutchins	Miraleste Intermediate School	Recognition J1703	<i>What bacteria are on people's phones, and how do they affect our health?</i>
Avery Kim	Walter Reed Middle School	Recognition J1707	<i>Invisible Invaders : Microplastics In Everyday Foods</i>

2026 Los Angeles County Science Fair Category Winners

Mason Kou	Brentwood School (Junior)	Recognition J1713	<i>How Osmotic Stress Affects Baker's Yeast Cells Clumping</i>
Doyoun Park	Walter Reed Middle School	Recognition J1705	<i>Yeast's Favorite Food</i>
Emilia Rokach Olivia Richter	New Roads Middle School	Recognition J1701	<i>Bread and Rise Time</i>
Eva Rokach Sophia Cristoforetti	New Roads Middle School	Recognition J1708	<i>Moldy Mess!</i>

2026 Los Angeles County Science Fair Category Winners

MICROBIOLOGY - SR S17

Leila Gheysar Kaili Tseng	Palos Verdes Peninsula High School	First Place S1709	<i>Quorum Sensing Inhibition via Traditional Chinese Medicinal Plant-Derived Phytochemicals: A Sustainable and Targeted Anti-Virulence Strategy</i>
Indra Phukan	Crescenta Valley High School	Second Place S1710	<i>Characterizing T7 Bacteriophage Activity Against Bacterial Immune Systems</i>
Yuma Maeda	Torrance Unified School District	Third Place S1701	<i>Comparative Analysis of Bacterial Communities in Two Urban Wetlands: Madrona Marsh and Henrietta Basin</i>
Pablo Carrillo	Verdugo Hills High School	Hon. Mention S1712	<i>Short-Term Effects of Simulated Drought Stress on the Abundance and Diversity of Culturable Phyllosphere Microbiota in Early-Stage Lettuce</i>
Joshua Koretzky	Palos Verdes High School	Hon. Mention S1711	<i>Evaluating the effects of comX and comQ expression on Bacillus subtilis biofilm formation</i>
Sophia Spencer	Brentwood School (Senior)	Hon. Mention S1706	<i>Effects of Caloric and Non-Caloric Sweeteners on Metabolic Health Indicators in Caenorhabditis elegans</i>
Alexander Caban Ahren Nagpal Luke Phillips	El Segundo High School	Recognition S1716	<i>Studying the Impact of Environmentally Relevant Concentrations of Hazardous Heavy Metals on the Neurological Function and Behavioral Patterns of Caenorhabditis elegant Over Successive Generations</i>
Sophie Carlson Haig Bedikian Mia Zavaleta	Crescenta Valley High School	Recognition S1713	<i>Evaluating the Potential Dangers of Phone Holders</i>
Harry Charchian David Charchian	Rose and Alex Pilibos Armenian School (Senior)	Recognition S1715	<i>Natural Versus Synthetic Antibiotic Agents</i>
Grace Choi	Torrance Unified School District	Recognition S1705	<i>Bacterial Microdiversity of Lichen Communities High and Low in Proximity to Air Polluted Zones</i>
Erum Hashim	Quba Islamic School (Senior)	Recognition S1704	<i>Testing Effectiveness Of Different Fruit Cleaning Methods</i>
Sanvitha Kakularam	William H. Taft Charter High School	Recognition S1708	<i>Antimicrobial-Resistance Exposed: How Public Genome Databases Reveal the Prevalence of Antimicrobial Resistance Genes in Escherichia coli</i>

2026 Los Angeles County Science Fair Category Winners

Kiarod Karimi	El Segundo High School	Recognition S1702	<i>Lactobacilli's consumption of synthetic sugars and its effect on growth and self protection</i>
Alicia Lin	Southlands Christian Schools	Recognition S1703	<i>Method Development and Application Evaluation of Droplet Digital PCR in Monitoring HIV Latent Reservoirs</i>
Weiran (Vivian) Liu	Chadwick School	Recognition S1707	<i>Effects of Differing Sugars on Lactobacillus acidophilus Fermentation and Probiotic Utilization</i>
Bernice Wong	Archer School for Girls - Senior Division	Recognition S1714	<i>Alcohol vs. Bacteria: Zones of Inhibition in E.coli Exposed to Varying Alcohol Concentrations Over Time</i>

2026 Los Angeles County Science Fair Category Winners

PHARMACOLOGY - JR J18

Lilly Swigert	Archer School for Girls	First Place J1801	<i>Fly Away From Addiction :Testing Dibenzazepine's Effect on Ethanol Preference in Drosophila Melanogaster</i>
Albert Mouawad	St. Cyril of Jerusalem School	Second Place J1803	<i>Starbucks on Heartbeat</i>
Fadumo Musse Nawal Musse	Al-Huda Islamic School	Third Place J1802	<i>From Heat to Healing: The Science of Capsaicin and Pain Reduction.</i>
Saja Abdelrazig	New Horizon School Pasadena	Hon. Mention J1804	<i>Effectiveness of Antacid Medications versus Natural Home Remedies in Relieving Heartburn</i>
Connor Chon Armaan Medatia	Palos Verdes Intermediate School	Hon. Mention J1805	<i>Beyond the Brand: A Scientific Comparison of a Test Hydration Drink and Gatorade</i>

2026 Los Angeles County Science Fair Category Winners

PHARMACOLOGY - SR S18

Mikaela Hong	La Cañada High School	First Place S1803	<i>Upregulating B7-H3 Surface Expression to Improve CAR T Cell Recognition and Cytotoxicity in Human Neuroblastoma</i>
Sophie Zhu	Mira Costa High School	Second Place S1801	<i>PharmaChecked: AI-Based Identification Approach of Counterfeit Pharmaceuticals</i>
Aidan Filson	The Webb Schools	Third Place S1816	<i>Establishing Schmidtea mediterranea as an Accessible Model for Oncology: Validating Telomerase Inhibition Despite Structural Divergence</i>
Adrian Pham Ilia Ghatei	El Camino Real Charter High School	Hon. Mention S1805	<i>Rational Drug Discovery with PHOENIX: A Novel End-to-End Platform for Systematic Design and Optimization of BACE1 Inhibitors for Alzheimer's Disease</i>
Vinayan Tiruvellore	Academy of the Canyons Middle College High School	Hon. Mention S1802	<i>Against All Odds: Machine Learning Ranking and Generation of Antibody Therapeutics for Creutzfeldt-Jakob Disease</i>
Ella Tulloch	Harvard-Westlake School (Senior Division)	Hon. Mention S1808	<i>The Effects of Semaglutide on Dopaminergic Function and Behavioral Decline in a Drosophila Model of Parkinson's Disease</i>
Adam Abdelwahed	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1813	<i>Does retatrutide cause increased cancer cell proliferation?</i>
Ishaana Agarwal	Claremont High school	Recognition S1819	<i>Cardiac Symptoms from Energy Drinks in Teens</i>
Audrey Farahnik	Brentwood School (Senior)	Recognition S1809	<i>Combating Halitosis with Various Antiseptic Solutions and their Combination</i>
Arundhathi Jathin	Valencia High School	Recognition S1807	<i>The Effect of Dietary Supplements on Stress Resistance in Drosophila melanogaster: Implications for NRF-2 pathways In Humans.</i>
Isabel Kromwyk Maya Kurc	Archer School for Girls - Senior Division	Recognition S1818	<i>Treating substance abuse: Reducing addiction in ethanol-addicted Drosophila Melanogaster by exposing them to haloperidol and exercise</i>

2026 Los Angeles County Science Fair Category Winners

Cory Lai	LA SALLE COLLEGE PREPARATORY HIGH SCHOOL	Recognition S1814	<i>Preclinical Repurposing and Evaluation of Cladribine as a Potential Therapeutic for Glioblastoma Multiforme</i>
Aaron Miller	Torrance Unified School District	Recognition S1812	<i>Impacts of Heavy Metals on Isopod Health</i>
Varsha Murali	William H. Taft Charter High School	Recognition S1811	<i>An In Silico Evaluation of Metal–Organic Frameworks for SSTR2-Targeted Meningioma Drug Delivery</i>
Brandon Nguyen Dylan Bertrand	La Serna High School	Recognition S1804	<i>Why Can't All Medicine Be Pills?</i>
Levi Osman Hannah Yang	Harvard-Westlake School (Senior Division)	Recognition S1815	<i>pH-Responsive Alginate Microbeads with Lactobacillus plantarum-Derived Lipopeptides for Targeted Acne Treatment</i>
Farah Sandoval Jacqueline Mayne	Archer School for Girls - Senior Division	Recognition S1820	<i>Polyphenols vs. Plaques</i>
Sanchana Sundararajan	William H. Taft Charter High School	Recognition S1821	<i>Natural vs. Chemical: A Comparative Study of Antibacterial Effects Against Escherichia coli on Blood Agar</i>
Yuvanah Vignesh Hannah Lim	Crescenta Valley High School	Recognition S1806	<i>How Does Exposure to Volatile Organic Compounds from Common Household Products Affect Neurological Function in Planaria?</i>
Tanmay Yenugonda	William H. Taft Charter High School	Recognition S1822	<i>Smart Vitamin Strips: Developing Fast-Dissolving Oral Films for Child-Friendly Nutrition</i>

2026 Los Angeles County Science Fair Category Winners

PHYSICS - AERODYNAMICS AND HYDRODYNAMICS - JR J19

Savannah Ludwig	Hale Charter Academy STEAM Magnet	First Place J1921	<i>What Shape is the Most Aerodynamic?</i>
Ava Ayvazyan	Sierra Madre Middle School	Second Place J1918	<i>Which Paper Airplane can Fly the Farthest?</i>
Valentino Linares-Cruz	Portola Highly Gifted Magnet	Third Place J1915	<i>The Lift Drag Dilemma: Finding the Optimal Airfoil</i>
Andrew Fogarty	St. Martin of Tours	Hon. Mention J1917	<i>Soarin over Los Angeles</i>
Sanjay Gullapalli	Ross Academy of Creative and Media Arts Middle School	Hon. Mention J1908	<i>The Effect of Parachute Size and Shape on Terminal Velocity</i>
Troy Lee	Hale Charter Academy STEAM Magnet	Hon. Mention J1907	<i>How Does Wing Shape Affect Lift?</i>
Ezra Antonellis	Pomona Unified School District Junior Division	Recognition J1901	<i>Alphaship 12.7</i>
Dani Arato Masin Rubin	Valley School	Recognition J1923	<i>Downforce vs Aerodynamics</i>
Hyke Attarian	Chamlian Armenian School	Recognition J1909	<i>How Flaps Affect The Minimum Operational Speed of An Aircraft</i>
Ben Beck Dylan Jones	New Roads Middle School	Recognition J1919	<i>Under Pressure</i>
Pradyun Chavan	Sierra Madre Middle School	Recognition J1906	<i>How Does Changing the Center of Mass of a Rocket Affect its Flight?</i>
Sarah Diaz	Lashon Academy	Recognition J1914	<i>What is the Fastest Swimming Style?</i>
Joseph Guresky	Lashon Academy	Recognition J1922	<i>Does the Depth Of Water Affect How Many Volts Are Produced From The Oscillating Water Column?</i>
Jason Guzman	Ross Academy of Creative and Media Arts Middle School	Recognition J1902	<i>The Aerodynamic of Paper Airplanes</i>
Zayan Khan	Al-Huda Islamic School	Recognition J1924	<i>Sound Waves Unleashed: Cracking the Code of Liquid Evaporation.</i>

2026 Los Angeles County Science Fair Category Winners

Connell Kim	Rudecinda Sepulveda Dodson middle school	Recognition J1905	<i>Hydrofoils: Does More Equal Better</i>
Anthony Martin	Chamlian Armenian School	Recognition J1912	<i>The Impact of Propeller Blade Count on Boat Speed</i>
Penn Morgan	St. Martin of Tours	Recognition J1903	<i>Engineering a Low-Speed, Laminar-Flow Wind Tunnel and Methods for Measuring Aerodynamic Drag on Objects</i>
Jasper La Ochoa	Mark Twain Middle School	Recognition J1913	<i>Paper In Flight</i>
Nathaniel Pun	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Recognition J1904	<i>Aircraft Cabin Recovery Concept</i>
Julia Sevajian	Sahag Mesrob Armenian Christian School	Recognition J1920	<i>Bottle Rocket Performance</i>
Hasan Tariq Abyad Taahan	Al-Huda Islamic School	Recognition J1910	<i>The Fast and the Curious: Modifications to Make the Most Aerodynamic Car.</i>
William Yang	Ross Academy of Creative and Media Arts Middle School	Recognition J1916	<i>It's Not Rocket Science... Oh Wait, It is</i>

2026 Los Angeles County Science Fair Category Winners

PHYSICS - ELECTRICITY AND MAGNETISM - JR J20

Jack Egan	St. Martin of Tours	First Place J2011	<i>How Many Magnets to Stop a Maglev</i>
Nikko Yeressian	Sahag Mesrob Armenian Christian School	Second Place J2007	<i>The Effect of Temperature on Magnet Velocity</i>
Dashel Dudkowski	New West Charter School	Third Place J2005	<i>How does the style of the windmill blade affect the voltage produced in different wind conditions?</i>
Anvith Uvaraj	Rancho Pico Junior High School	Hon. Mention J2017	<i>RF Standing Wave Simulation to Identify Dead Zones in MRI</i>
Abdellah Amirouche Asmaa Amirouche	Al-Huda Islamic School	Recognition J2016	<i>Small Produce, Big Voltage: Natures Mini Batteries.</i>
Rayan Bellabouah	Rudecinda Sepulveda Dodson middle school	Recognition J2014	<i>Microplastics No More: A Shocking Solution to Microplastics</i>
Avelyn Buenaventura	Pomona Unified School District Junior Division	Recognition J2013	<i>Twist 'n Attract</i>
Yael Cohen Elsa Reinis	Rabbi Jacob Pressman Academy	Recognition J2009	<i>Project from the produce</i>
Chelsea Cruz	Incarnation Parish School	Recognition J2010	<i>Scan Me If You Can!</i>
Alek Iannaccone	St. Martin of Tours	Recognition J2006	<i>He extreme temperatures effect batteries</i>
Melanie Macias- Rivera	Magnolia Science Academy 6	Recognition J2012	<i>Which Materials are the best Conductors</i>
Satenik Minasyan	Lashon Academy	Recognition J2015	<i>Racing On Sunshine</i>
Sautsz Pong Hangtsz Pong	Charles Evans Hughes Middle School	Recognition J2008	<i>Creating Efficient Homopolar Motors</i>
Vem Svadjian Steven Alagoz Sarkis Kitsinian	Holy Martyrs Ferrahian High School (junior)	Recognition J2018	<i>Maglev Trains</i>
Kai Wang	New Horizon School Pasadena	Recognition J2001	<i>Using a Capacity Meter to Find the Best Household Battery Brand</i>
Andrew Weller	Chamlian Armenian School	Recognition J2003	<i>A Comparison of Signal Strength Between Wired and Wireless Earbuds</i>

2026 Los Angeles County Science Fair Category Winners

Matthew Weller

Chamlian Armenian
School

Recognition

J2004

*Comparing Cabin Electric Fields
During Level 1, Level 2, and DC
Fast Charging of An Electric
Vehicle*

2026 Los Angeles County Science Fair Category Winners

PHYSICS - GENERAL - JR J21

Callan Murphy	Rudecinda Sepulveda Dodson middle school	First Place J2111	<i>Does Magnetizing Seeds Speed Up Germination?</i>
Abhinav Senthil Kumar	Walter Reed Middle School	Second Place J2104	<i>The Dancing Canvas</i>
Salman Elsayed	Institute of Knowledge Middle School	Third Place J2117	<i>Catapult Showdown: Launch Angle Optimization in a Spring-Powered Catapult System</i>
Shant Alkeine Sevan Garabedian Nerces Sorfazian	Holy Martyrs Ferrahian High School (junior)	Hon. Mention J2118	<i>Hot Stuff! Which Household Material is the Best Thermal Insulator?</i>
Robert Hampton	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Hon. Mention J2108	<i>The Effect Of Temperature On Baseball's Distance When Hit</i>
Sadie Simon Laura Arman Carvalho	Mark Twain Middle School	Hon. Mention J2120	<i>Plastic VS Metal, Thermal conductor</i>
Stanley Ung	Sierra Madre Middle School	Hon. Mention J2106	<i>How Do PSI and Surface Type Affect Ball Bounce?</i>
Nareh Arakelyan	St. Gregory A & M Hovsepien School	Recognition J2102	<i>The Art of Lasers</i>
Raffi Bezdjian Morris Bezdjian	Armenian Sisters' Academy	Recognition J2114	<i>Thermodynamics of Sugar</i>
Marie Donikian	Sahag Mesrob Armenian Christian School	Recognition J2109	<i>Testing Friction Using Rice and a Pencil</i>
Trenton Hill	Ross Academy of Creative and Media Arts Middle School	Recognition J2115	<i>Balloon Powered Car</i>
Emerald Htet Kaddy Trawally	New Horizon School Westside	Recognition J2119	<i>Speed Vs Friction</i>
Jibril Nawab Aziz Nawab	Al-Huda Islamic School	Recognition J2101	<i>Weight a Minute! Does the Mass of an Object Affect the Rate by Which it Free Falls?</i>
Cava Parry Eli Chen Nolan McGoldrick	New Roads Middle School	Recognition J2107	<i>Hairdryer Experiments</i>
Evangeline Rozells	St. Martin of Tours	Recognition J2105	<i>How does the size of the parachute affect how slow or fast it falls</i>

2026 Los Angeles County Science Fair Category Winners

Tala Samaan-Kevorkian	Armenian Sisters' Academy	Recognition J2103	<i>Race Cars and Friction</i>
Elena Trmrian	C&E Merdinian Armenian Evangelical School	Recognition J2112	<i>Heat, Measure, Repeat. The Effect of Heat Conductivity on Different Material Objects</i>
Mira Virani	Valley School	Recognition J2113	<i>Colors of Light</i>

2026 Los Angeles County Science Fair Category Winners

PHYSICS - SR S19

Brenden Park Calvin Nguyen	The Science Academy STEM Magnet (Senior)	First Place S1902	<i>Quantitatively and Visually Analyzing Chaos in the Double Pendulum</i>
Cheuk Kei Lu	Palos Verdes Peninsula High School	Second Place S1906	<i>A Novel Adaptive Landing Gear Design to Reduce Stress during Crosswind Landings</i>
Ameenah Ahmed Iman Bhatti	Institute of Knowledge High School	Third Place S1911	<i>Into the Quantum Verse: Spectral Down-Shifting with Red-Emitting Quantum Dot Films to Enhance Solar Cell Voltage Under UV Light</i>
Ashlyn Kim	Granada Hills Charter High School	Hon. Mention S1901	<i>Numerical Analysis of Time- Dependent Dynamics of Electrical Circuits with Experimental Validation</i>
Sofia Luong	Chadwick School	Hon. Mention S1907	<i>Implementation of Program Calculating Highway Lane Change Factors</i>
Jackson Rutner	The Science Academy STEM Magnet (Senior)	Hon. Mention S1910	<i>Quantifying Stress and Fracture in Acrylic via Polarimetry and Load Measurement</i>
Khloe Alvarez Kylee Sutton	Pioneer High School	Recognition S1913	<i>Using The Effect of Thermal Variation On Lenz Forces to Predict the Value of Absolute Zero</i>
Piotr Brozda	Beverly Hills High School	Recognition S1903	<i>How does the number of blades on a propeller affect its performance?</i>
Andrew Dilanian Cristoff Topalian Vartan Tashtchian	Holy Martyrs Ferrahian High School (senior)	Recognition S1912	<i>Ion Thruster</i>
Quentin Lanquetot	Palos Verdes High School	Recognition S1905	<i>The Influence of Ground-Effect Aerodynamics on a 1/12 Scale Vehicle</i>
Penny Robledo Jordan Villalta	Pioneer High School	Recognition S1908	<i>The Physics Of Golf Balls</i>

2026 Los Angeles County Science Fair Category Winners

PLANT BIOLOGY AND PHYSIOLOGY - JR J22

Mindi Zhang Alyssa Yang	Palos Verdes Intermediate School	First Place J2201A	<i>Using B. Subtilis and Keratinous Waste to Enhance Plant Growth</i>
Russell Krause	Hale Charter Academy STEAM Magnet	Second Place J2209A	<i>What is the effect of photobiomodulation on plants?</i>
Emilia Feinberg	Woodcrest School	Third Place J2203A	<i>The Effect of LED Light Wavelengths on Plant Healing</i>
Luke Kim	National Youth Community Center (Junior)	Hon. Mention J2206A	<i>Bananas: How to Accelerate Their Ripening Process</i>
Xavier Lugo Jaquez Xander Lugo Jaquez	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Hon. Mention J2202A	<i>How Do Different Types Of Bugs Fed To A Venus Fly Trap Effect Its Growth?</i>
Elizabeth Yacoubian	Saint Monica Academy	Hon. Mention J2217A	<i>Investigating the Effects of Catalase and Temperature on Oxygen Production in the Spider Plant</i>
Nikolas Baghdadlian	Sahag Mesrob Armenian Christian School	Recognition J2205A	<i>Which Form of Light is Best for Plants</i>
Hannah Butag	Pomona Unified School District Junior Division	Recognition J2218A	<i>Which Water do Lima Beans Grow Best In?</i>
Oscar Covarrubias	Pomona Unified School District Junior Division	Recognition J2211A	<i>Potato Power Battery</i>
Sophia Falcao	Ross Academy of Creative and Media Arts Middle School	Recognition J2204A	<i>Sunlight Effect on Plant Growth</i>
Lauren Kim	Walter Reed Middle School	Recognition J2213A	<i>Rainbow Reach</i>
Angie Lu	National Youth Community Center (Junior)	Recognition J2212A	<i>Observing Respiration and Photosynthesis With an Aquarium Plant</i>
Eva Rozenbaoum Emily Narozhna Sarah Xu	Stratford School- Altadena	Recognition J2214A	<i>How Self-Healing Plants Work</i>
Arek Salibian	Armenian Sisters' Academy	Recognition J2216A	<i>Does the direction of light affect plant growth</i>
Anna Segal	Magnolia Science Academy 6	Recognition J2207A	<i>Photosynthesis in a New Light</i>

2026 Los Angeles County Science Fair Category Winners

Maryam Shekh	Institute of Knowledge Middle School	Recognition J2215A	<i>Snapping Signals: Electrophysiological Activity Associated with Trap Closure in <i>Dionaea muscipula</i></i>
Liam Soeng Rayaan Chachra Andrew Kim	Ridgecrest Intermediate School	Recognition J2210A	<i>Effects of Visible Electromagnetic Light on <i>Lactuca Sativa</i></i>
Griffin Srisukontha	Pomona Unified School District Junior Division	Recognition J2208A	<i>Gravitropism In Motion</i>

2026 Los Angeles County Science Fair Category Winners

PLANT BIOLOGY AND PHYSIOLOGY - JR J22

Cleo Cowan	Portola Highly Gifted Magnet	First Place J2229B	<i>The Paradoxical Effect of High-Concentration Soil Microplastics on Tomato (Solanum lycopersicum) Yield: A Follow-Up Study</i>
Alexandra Martinez	Incarnation Parish School	Second Place J2228B	<i>Are party drink spills bad for backyard plants?</i>
Dylan Langendorf	Portola Highly Gifted Magnet	Third Place J2220B	<i>The Effect of Vermicompost, Vermicompost Tea, or Chemical Fertilizer on the Growth of White Clover</i>
Josh Chapovsky	Valley School	Hon. Mention J2219B	<i>Can biodegradable Hydrogels help conserve water in farming?</i>
Salmaan Hashimi	New Horizon School Pasadena	Hon. Mention J2234B	<i>Water Temperature Stress and its Influence on Plants Growth</i>
Andrew Ji	Portola Highly Gifted Magnet	Hon. Mention J2227B	<i>Acoustical Plant Growth</i>
Axl Duhamel	St. Martin of Tours	Recognition J2236B	<i>Natural vs Artificial Light: Which Light Helps a Plant Grow the Quickest?</i>
Yaretzi Escobar	Magnolia Science Academy 6	Recognition J2225B	<i>A home for plants</i>
Bharu Gadri	Ross Academy of Creative and Media Arts Middle School	Recognition J2221B	<i>The Fertilizer Frontier</i>
Nava Honarpour Lucy Spitzer	Archer School for Girls	Recognition J2232B	<i>Low pH and leaf aches;The growth of pea plants watered with a pH of 4.2 compared to the growth of pea plants watered with a neutral pH of 7</i>
Delilah Jensen Elise Torbarina	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	Recognition J2237B	<i>Water Wellness - Algae is taking over ponds</i>
Ethan Leal	Pomona Unified School District Junior Division	Recognition J2230B	<i>Growing Plants indoors or outdoors</i>
Anthony Marganian	La Canada Preparatory	Recognition J2223B	<i>WATT HELPS PLANTS GROW?</i>
Ryder Mone Sheila Century May Acosta	Vida School	Recognition J2233B	<i>Measuring Plant Growth in Response to Varied Organic Fertilizers</i>

2026 Los Angeles County Science Fair Category Winners

Daiya Pandya Ivan Choo Lexie Tamura	Stratford School- Altadena	Recognition J2222B	<i>Does freezing affect the vitamin content in fruits?</i>
Isabel Stotland Colette Rifkin Emma Kerber	Archer School for Girls	Recognition J2224B	<i>H2O Here:Effects of Radish Microgreens Treated With Different Types of Water</i>
Sihan Tao Michael Wang	Stratford School- Altadena	Recognition J2235B	<i>What's the Best Way to Grow Basils?</i>
Mabel Willis	New Roads Middle School	Recognition J2231B	<i>Space Plants</i>

2026 Los Angeles County Science Fair Category Winners

PLANT BIOLOGY AND PHYSIOLOGY - SR S22

Sagan Rapp	Don Bosco Technical Institute	First Place S2217	<i>Use of Biopolymer-Coated Rhizobacteria to Enhance Drought Resistance in Primrose Seeds</i>
Mark Segal	Palos Verdes Peninsula High School	Second Place S2215	<i>Effect of a Static Uniform Magnetic Field on Lettuce Seed Germination Rate Monitored by Near Real-Time Imaging</i>
Tinwin Htun	North Hollywood High School	Third Place S2224	<i>Curing Wilt: Identification of Antifungal Compounds from <i>Trichostema lanatum</i></i>
Fatimah Alameddine Eshal Janjua Idris Abdul-Malik	Institute of Knowledge High School	Hon. Mention S2210	<i>I've Got No Roots: A Comparative Analysis of CRISPR-Simulated Gene Editing and Plant Grafting on Drought Tolerance in <i>Solanum lycopersicum</i></i>
Araxi Maraian Lydia Baghdassarian	Rose and Alex Pilibos Armenian School (Senior)	Hon. Mention S2211	<i>A Little Stress Goes a Long Way</i>
Grace Shu Kristen Lai	Chadwick School	Hon. Mention S2221	<i>Evaluating the Effects of Controlled Acoustic Vibrations on Germination Dynamics in <i>Eschscholzia californica</i></i>
Mia Brown Zola Pickens	Mira Costa High School	Recognition S2222	<i>Restricting the growth of <i>Escherichia coli</i> in Spinach plants</i>
Amy Chang	Palos Verdes High School	Recognition S2205	<i>The Effect of Nutrient Concentration on Hydroponics</i>
Abhayaan Chirra	Golden Valley High School	Recognition S2223	<i>Organic vs. Conventional Strawberries</i>
Adrian Garcia Tyler Balbuena Matthew Trujillo	Golden Valley High School	Recognition S2204	<i>How does Hz frequency affect plant growth</i>
Ava Kasimian Alina TerSaakyan	Rose and Alex Pilibos Armenian School (Senior)	Recognition S2202	<i>Plant CPR</i>
Seoyoon Lee Lakshya Rongali Hannah Vecchiarelli	California Academy of Mathematics and Science	Recognition S2220	<i>Phytochemical Plant Extracts on Meristematic Cell Density in Onion Roots Relevant Approach to Leukemia</i>
Jessica Lipshutz	Brentwood School (Senior)	Recognition S2209	<i>Intercropping for Saline Agriculture</i>
Sahel Munshi	North Hollywood High School	Recognition S2212	<i>A Mechanistic Understanding of Heavy Metal Toxicity in Plants</i>

2026 Los Angeles County Science Fair Category Winners

Quinn O'Malley	Sequoyah School	Recognition S2219	<i>Optimizing Plant Hormone Conditions for Cactus Tissue Culture: A Model for Saguaro Propagation</i>
Nidhi Patil	Academy of the Canyons Middle College High School	Recognition S2216	<i>Effects of Microplastics on Early Plant Development and Enzyme Activity</i>
Grace Ramon Julia Ramon	Saint Anthony High School	Recognition S2207	<i>The Effect of Storage Temperature on Vitamin C Levels in Spinach</i>
Coco Sakuma Kamryn Furuichi	California Academy of Mathematics and Science	Recognition S2214	<i>Effectiveness of Mineral Dust Combination with Zeolite on Desertified Soil</i>
Matthew Szeto Declan Li	San Marino High School	Recognition S2213	<i>Assessing Nitrogen Fixation by <i>A. vinelandii</i> FM2 as an Alternative to Chemical Fertilizers in floating culture systems of <i>Brachypodium distachyon</i>.</i>
Ariena Thurairajah	Palos Verdes High School	Recognition S2201	<i>A Comparative Study of the Effects of Zinc Oxide and Iron Oxide Nanoparticles and Light Wavelengths on Hydroponically Grown Plants</i>
Jonah Torres Caleb Ambrose Henrik Helms	Don Bosco Technical Institute	Recognition S2208	<i>Negative Effects of Pesticides on Plant Growth</i>
Connie Zhao	Sequoyah School	Recognition S2203	<i>Investigating Caffeine Tolerance Using Leaf Closure Responses in <i>Dionaea muscipula</i> and Implications for Human Reaction Time</i>

2026 Los Angeles County Science Fair Category Winners

PRODUCT SCIENCE - JR J23

Arev Bardakian	Rose and Alex Pilibos Armenian School (Junior)	First Place J2321	<i>Journey to Longevity: Living Longer with Resveratrol</i>
Evelyn Cho	Walter Reed Middle School	Second Place J2322	<i>Filtering the Future</i>
Florence Tan	Rudecinda Sepulveda Dodson Middle School Visual and Performi	Third Place J2309	<i>Reducing Food And Paper Waste Through Fruit</i>
Oliver Aumock	Portola Highly Gifted Magnet	Hon. Mention J2324	<i>Beat the Heat: which low cost fabric cools the best through evaporative cooling</i>
Medaksia Boynerian	Chamlian Armenian School	Hon. Mention J2317	<i>How Paper Type Affects the Hue, Saturation & Brightness of Watercolors</i>
Waleed Dadabhoy	Institute of Knowledge Middle School	Hon. Mention J2305	<i>Blindspot Buddy: Reducing Vehicle–Cyclist Collision Risk Using BLE-Based Detection Technology</i>
Roxanne Hall Clementine Jacobson	Archer School for Girls	Hon. Mention J2314	<i>Face off: The effects of different acne cleansers on Staphylococcus epidermis</i>
Guadalupe Rojas	Pomona Unified School District Junior Division	Hon. Mention J2310	<i>The Great Bake-Off</i>
Shreshta Chakrahari	Rancho Pico Junior High School	Recognition J2301	<i>Designing a Compact Meal as a Scientific Alternative and Testing it on Society</i>
Phoebe Chiu	Mark Twain Middle School	Recognition J2319	<i>Chia Seeds</i>
Dylan Chung	Pomona Unified School District Junior Division	Recognition J2306	<i>Better DIY Water Filters</i>
Romar Fabricante	Lashon Academy	Recognition J2325	<i>Counting the Kernels</i>
Greg Hackett	Sierra Madre Middle School	Recognition J2304	<i>What Brand Of AA Batteries Will Last The Longest When Powering A Mini Fan?</i>
Ara Ko Irene Kang	Rudecinda Sepulveda Dodson middle school	Recognition J2326	<i>The Ultimate Bacteria Killer</i>

2026 Los Angeles County Science Fair Category Winners

Elizabeth Martinez Isabel Teodoro-Soto	Magnolia Science Academy 6	Recognition J2307	<i>The Differences Between The Effectiveness Of Products That Are Animal-Tested And Non-animal Tested</i>
Wissal Merdjaoui	Al-Huda Islamic School	Recognition J2302	<i>Microbes and Sun Beams: Finding the Ultimate SPF Shield.</i>
Eva Metzler	St. Martin of Tours	Recognition J2303	<i>Which Brand of Popcorn Makes the Best Kernels?</i>
Victoria Mojica Isabel Vargas Daniela Malagon	Pomona Unified School District Junior Division	Recognition J2320	<i>Which soap works best</i>
Alexander Paoletti	St. Martin of Tours	Recognition J2315	<i>Battery Power: The Race Against the Light, A Battery Life Experiment</i>
Ashley Prudencio	Magnolia Science Academy 6	Recognition J2312	<i>Types of Fertilizers on the B. perennis</i>
Aasiyah Rafiullah	Institute of Knowledge Middle School	Recognition J2311	<i>Covered or Cooked: Evaluating Ultraviolet Radiation Blocking Efficiency of Common Fabrics</i>
Malik Sabha	Quba Islamic School (Junior)	Recognition J2318	<i>The Science Behind 'Blast Off'</i>
Guransh Singh	Hale Charter Academy STEAM Magnet	Recognition J2313	<i>Plastic or Metal water bottles?</i>
Vivienne Trujillo	Pomona Unified School District Junior Division	Recognition J2327	<i>Stain You Later</i>
Skylar Wong	Sierra Madre Middle School	Recognition J2308	<i>How do Different Batteries Affect the Performance of a Wireless Computer Mouse?</i>