

# 2025 Los Angeles County Science Fair Category Winners

## ANIMAL BIOLOGY - JR J01

<b>Charles Wittnebel</b>	St. Martin of Tours School	<b>First Place</b> J0101 635	<i>Antagonizing Ant Repellants</i>
<b>Jonathan Diaz Cristian Gutierrez</b>	Magnolia Science Academy 6	<b>Second Place</b> J0104 33	<i>Which hand model will have the best grip</i>
<b>Natalie Conde Osorio</b>	Magnolia Science Academy 6	<b>Recognition</b> J0103 31	<i>An Engineered Device That Tracks the Heart Rate of Middle Grade Students Ages 11-13</i>
<b>Lyla Davila</b>	Stratford School-Altadena, CA	<b>Recognition</b> J0102 527	<i>Recognizing dogs and human emotions?</i>
<b>Amaal Solomon</b>	Institute of Knowledge Middle School	<b>Recognition</b> J0105 656	<i>Clean Up After Yourself! Investigating the Efficacy of Vinegar-Based Solutions for Bacterial Disinfection</i>

## ANIMAL BIOLOGY - SR S01

<b>Michael Chao Adam Lu</b>	Palos Verdes Peninsula High School	<b>First Place</b> S0111 345	<i>Effect of Light Disruption on Pogonomyrmex rugosus for Potential Reintroduction and Comprehensive Survey of Linepithema humile Nesting Sites</i>
<b>Anika Anant Francesca Gomez-Novy Olivia Tanouye</b>	Flintridge Preparatory School	<b>Second Place</b> S0104 476	<i>The Effects of Microplastic Ingestion through Trophic Transfer on Growth Rate of Aurelia Aurita Ephyra</i>
<b>Lily Balian Brianna Balian</b>	La Salle College Preparatory	<b>Third Place</b> S0106 150	<i>Omega Fatty Acids and Glucose Effects on Primary Rat Neural Cell Development</i>
<b>Isaac Jung</b>	Flintridge Preparatory School	<b>Third Place</b> S0108 520	<i>Nitrate-Induced Oxidative Damage in Jellyfish: The Protective Effects of Vitamins C and E?</i>
<b>Amena Baig</b>	Institute of Knowledge High School	<b>Honorable Mention</b> S0113 559	<i>Shell Shocked: Biotin's Impact on P. paludosus (Ghost Shrimp) Chitin Turnover and Lifespan Extension</i>
<b>Wesley Cheung</b>	Cabrillo Marine Aquarium	<b>Recognition</b> S0107 19	<i>The Growth Rates of Spot Prawns (Pandalus platyceros) Based on Different Amounts of Food</i>

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<b>Dylan Jiang Marina Duran</b>	La Salle College Preparatory	<b>Recognition S0101</b> 148	<i>The Anti-Cancerous Effects of Soursop Oxidants(Annona muricata) on HeLa Cells</i>
<b>Katie Herrera Marianna Montano</b>	Schurr High School	<b>Recognition S0109</b> 437	<i>Acid in Coca-Cola</i>
<b>Sierra Mercer Claire Martin Nilay Patel</b>	Flintridge Preparatory School	<b>Recognition S0105</b> 456	<i>The effect of sound pollution (Hz) on Aurelia Aurita Medusa pulse rate</i>
<b>Katelyn Liu Lucy Helfenstein Angelina Wang</b>	Flintridge Preparatory School	<b>Recognition S0102</b> 477	<i>Associative Conditioning in Moon Jellyfish: Behavioral Adaptations in Feeding</i>
<b>Syed Naqi Shah Raza</b>	Granada Hills Charter High School.	<b>Recognition S0112</b> 479	<i>That Packs A Punch! Analyzing the Mantis Shrimp Punch.</i>
<b>Rayyan Yahya Rasmi Mustafa Hadi Farooq</b>	Institute of Knowledge High School	<b>Recognition S0114</b> 560	<i>TiO2: Targeted Elimination of Pathogenic Bacteria using Engineered Nanoparticles</i>

### ANIMAL PHYSIOLOGY - JR J02

<b>Zain Rangoonwala</b>	Institute of Knowledge Middle School	<b>First Place J0202</b> 538	<i>Sleepless Minds: Assessing Cognitive Fatigue Due to Sleep Deprivation</i>
<b>Aleena Alkwadri</b>	AlHuda Islamic School	<b>Second Place J0201</b> 69	<i>Early Detection of Late On-Set Type 1 Diabetes Mellitus.</i>
<b>Gurudev Nayak</b>	Rancho Pico Junior High School	<b>Recognition J0204</b> 216	<i>Healing the Heart: How do doctors fix Cardiovascular diseases</i>
<b>Zainab SyedaHashmi</b>	Institute of Knowledge Middle School	<b>Recognition J0203</b> 573	<i>A New Perspective: An Optical Device-Based Solution for Stereopsis-Impaired Individuals</i>

### ANIMAL PHYSIOLOGY - SR S02

<b>Aidan Filson</b>	The Webb Schools	<b>First Place S0211</b> 320	<i>Decoding Regeneration: Proteomic Profiling of Tissue-Specific Protein Signals in Planarian Regeneration</i>
<b>Ani Hartoonian</b>	Crescenta Valley High School	<b>Second Place S0202</b> 368	<i>Assessing Digestion and Gastrointestinal Permeability in C. elegans Exposed to Gluten and Casein: Implications for Autism Spectrum Disorder</i>

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<b>Ethan Sung</b>	Palos Verdes High School	<b>Third Place</b> S0212 352	<i>Propranolol Reduces Brown Adipose Tissue Thermogenesis in Response to Cold</i>
<b>Sophie Zhu</b>	Mira Costa High School	<b>Honorable Mention</b> S0213 285	<i>Predicting Sepsis Survival: A Data-Driven Approach to Estimate Patient Survival Probability Based on Biological Factors</i>
<b>Iris Chiou</b>	Claremont High school	<b>Honorable Mention</b> S0203 648	<i>The Effect of Diet on Acne</i>
<b>Asha Parry</b>	The Archer School For Girls (High School)	<b>Honorable Mention</b> S0210 667	<i>Decoding PD: The effects of Levodopa, an over-the-counter medication, on decreasing symptoms in a drosophila model of Parkinson's disease.</i>
<b>Joelle Garabet</b>	La Salle College Preparatory	<b>Recognition</b> S0209 89	<i>Effects of Vitamins D, E, K, and Biotin on Liver Cancer Cells</i>
<b>Eira Silva</b>	Sequoyah High School	<b>Recognition</b> S0204 140	<i>Reproductive Fallout: How Incense Smoke Impairs Fruit Fly Mating and Development</i>
<b>David Kassabian David Parks Gabriel Lopez</b>	Don Bosco Technical Institute	<b>Recognition</b> S0206 144	<i>I Heart Sugar</i>
<b>Cory Lai</b>	La Salle College Preparatory	<b>Recognition</b> S0214 164	<i>Examine the role of estrogen on adrenomedullin expression in zebrafish cardiac lymphatic endothelial cells</i>
<b>Brandon Barbre</b>	Morningside High School	<b>Recognition</b> S0208 395	<i>The Male Reproductive System</i>
<b>natalie zuniga alexandra martinez</b>	Schurr High School	<b>Recognition</b> S0217 448	<i>Smoking VS Drinking</i>
<b>Shayan Azam</b>	Institute of Knowledge High School	<b>Recognition</b> S0216 518	<i>Foreseeing Thyroid Cancer Recurrence: Leveraging AI and Random Forest Models for Early Detection</i>
<b>Nausheen Syed Janah Benyounes</b>	Institute of Knowledge High School	<b>Recognition</b> S0215 548	<i>E<sup>2</sup> The Eerie Effect: Unraveling the Cardiac Confluence of Sound and Visual Fear</i>

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<b>tej patel</b>	North Hollywood High School	<b>Recognition</b> S0207 602	<i>Multi-Layered Deep Graph Convolutional Neural Network in predicting and classifying symptoms hematoma and hemorrhage patients</i>
<b>Savannah Acutt</b>	The Archer School For Girls (High School)	<b>Recognition</b> S0205 625	<i>Gut feeling: The effect of Lactobacillus casei on the Caenorhabditis elegans strain CL2120 with amyloid B plaques from Alzheimer's Disease</i>
<b>Kayla Lee</b>	Harvard-Westlake School (Senior Division)	<b>Recognition</b> S0201 725	<i>Boosting Brainpower: Testing Super Supplements on Fruit Fly Activeness and Longevity!</i>

### BEHAVIORAL SCIENCE - NON-HUMAN - JR J03

<b>Maya Kurc</b>	The Archer School For Girls (Middle School)	<b>First Place</b> J0305 314	<i>Fit Flies: How does exercise improve motor symptoms in drosophila with the LRRK2 gene mutation leading to Parkinson's disease?</i>
<b>Seungah Chung</b>	Beverly Vista Middle School	<b>Second Place</b> J0302 22	<i>Harvester Ants as cartographers</i>
<b>Diane Euh</b>	National Youth Community Center (Junior Division)	<b>Third Place</b> J0307 223	<i>Effect of Nitrogen on Venus Fly Trap Closure Speed</i>
<b>Alexia Minasyan Mariam Karamyan Eliza Keymetlyan</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition</b> J0304 298	<i>What Fruit are Fruit Flies Most Attracted To?</i>
<b>Walter Kim Nathan Wu</b>	Palos Verdes Intermediate school	<b>Recognition</b> J0303 309	<i>Letting Eisenia Fetida Feel Vibrations to see if it changes their behavior.</i>
<b>Ella Markarian</b>	Saint Gregory A & M Hovsepian School	<b>Recognition</b> J0306 357	<i>Repetition In Dog Training</i>
<b>Ella Jankowski</b>	Ridgecrest Intermediate School	<b>Recognition</b> J0301 453	<i>Dietary Attractions and Preferences of Canines</i>

### BEHAVIORAL/SOCIAL SCIENCES - HUMAN - JR - A J04A

<b>Priya Chatterjee</b>	St. Cyril of Jerusalem School	<b>First Place</b> J0418A 387	<i>Teaching Technology to Tutor</i>
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<b>Ariel Hopenstand</b>	Rabbi Jacob Pressman Academy	<b>Second Place</b> J0406A 415	<i>More is less? How information about a problem affects results compared to confidence in results</i>
<b>Shreshta chakrahari</b>	Oak Hills Elementary	<b>Third Place</b> J0419A 712	<i>Reaction Time</i>
<b>Hailee Bustos</b>	Magnolia Science Academy 6	<b>Honorable Mention</b> J0405A 32	<i>Which grade level has the best short term memory?</i>
<b>zoha khan</b>	AlHuda Islamic School	<b>Honorable Mention</b> J0413A 71	<i>Effect of Reinforcement on Kids' Learning</i>
<b>Noah Assuied</b>	Lashon Academy	<b>Honorable Mention</b> J0404A 799	<i>Does Exercise Affect Memory?</i>
<b>Natalie Tamassian</b>	Chamlian Armenian School	<b>Honorable Mention</b> J0423A 818	<i>Are you Colorblind?</i>
<b>Harvey Lee</b>	Stratford School-Altadena, CA	<b>Recognition</b> J0417A 213	<i>Is there a connection between personality and memory?</i>
<b>Eva Hanley</b>	Portola Highly Gifted Magnet	<b>Recognition</b> J0409A 282	<i>Can Music Help You Focus?</i>
<b>Aydan Robledo</b>	Stratford School-Altadena, CA	<b>Recognition</b> J0408A 300	<i>Can Music Hinder Your Ability to Concentrate?</i>
<b>Penny Pearlman Liana Elbaz</b>	Rabbi Jacob Pressman Academy	<b>Recognition</b> J0401A 312	<i>Gender and the Clock</i>
<b>Isela Juarez Zoe Soriano Alison Ayon</b>	Bell Gardens Intermediate School	<b>Recognition</b> J0410A 397	<i>Muscle Memory Through the Ages</i>
<b>Elsa Reinis Kaylee Shamsian</b>	Rabbi Jacob Pressman Academy	<b>Recognition</b> J0412A 450	<i>Melody of Mind</i>
<b>Irene Kang Madeleine Townsend</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition</b> J0407A 484	<i>What is the Best Taco Meat Substitute For Vegetarians?</i>
<b>Ghadeer Qazwini</b>	Institute of Knowledge Middle School	<b>Recognition</b> J0421A 537	<i>Sound vs. Sight: The Impact of Visual and Auditory Cues on Human Reaction Time</i>

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<b>Maximiliano Rios Kristjan Loni Fabian Lopez</b>	Rudecinda Sepulveda Dodson middle school	<b>Recognition J0416A</b> 728	<i>Which Study Method is the Best? SQ3R, PQ4R, Retrieval Practice, the Feynman Technique, and Mind Mapping</i>
<b>Kavi Fliegel</b>	New Roads Middle School	<b>Recognition J0411A</b> 793	<i>Memory Madness: Testing Degradation of Memory Over Time</i>
<b>Sophia Cristoforetti Rebecca Padilla Ludo Scott</b>	New Roads Middle School	<b>Recognition J0420A</b> 801	<i>Ditch the Distraction</i>
<b>Athena Solis Dastan Davoodian Sage Harris</b>	New Roads Middle School	<b>Recognition J0402A</b> 846	<i>Taste Bud Science</i>
<b>Noor Peerzay</b>	Quba Islamic School	<b>Recognition J0422A</b> 848	<i>Do video games affect your heart rate?</i>
<b>BEHAVIORAL/SOCIAL SCIENCES - HUMAN - JR - B J04B</b>			
<b>Mustafa Ibrahim</b>	Institute of Knowledge Middle School	<b>First Place J0409B</b> 536	<i>The Dark Side of The Screen: Investigating the Impact of Smartphone Use on the Health of Adolescents</i>
<b>Simon Li Raymond Shi</b>	Prestige STEM Academy (Junior Division)	<b>Second Place J0412B</b> 749	<i>The Genetic and Environmental Influence on Personality Traits</i>
<b>Sumayah Mohabbat</b>	AlHuda Islamic School	<b>Third Place J0418B</b> 74	<i>MOTHERLY LOVE: EXPANDING DR. WELCH'S CALMING CYCLE THEORY TO MOTHERS AND THEIR TEENAGE DAUGHTERS.</i>
<b>Sarah Hamid</b>	Quba Islamic School	<b>Third Place J0417B</b> 694	<i>Colored light and Heart beat</i>
<b>Julia Bien Lev Kligfeld</b>	Rabbi Jacob Pressman Academy	<b>Third Place J0420B</b> 852	<i>Sticky Situation: How do different colors of sticky notes affect the human memory? Lev Kligfeld and Julia Bien 7th grade 2•6•2025</i>
<b>Morgan Humphries</b>	Arroyo Seco Junior High School	<b>Recognition J0403B</b> 83	<i>What age can best identify AI images?</i>
<b>Cecily Cuevas</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition J0404B</b> 93	<i>How can one person's memory affect another person's memory?</i>

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<b>Gia Prigmore Kylie Chua</b>	Incarnation Parish School	<b>Recognition J0422B</b> 159	<i>Color Vibes: Which Colors Can Affect Your Mood?</i>
<b>Monika Gevorgyan</b>	Science Academy STEM Magnet (Junior Division)	<b>Recognition J0415B</b> 185	<i>The Impact of Blue Light Exposure on Sleep Quality</i>
<b>Francis Tanaka Aaron Francisco</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition J0407B</b> 196	<i>How does Room Temperature Affect Study Concentration</i>
<b>Jaydan Robledo</b>	Stratford School-Altadena, CA	<b>Recognition J0419B</b> 212	<i>Does playing video games affect hand-eye coordination</i>
<b>Nicolette Nejat Talia Notowitz</b>	Rabbi Jacob Pressman Academy	<b>Recognition J0423B</b> 313	<i>Memory vs. Afterimages</i>
<b>Shiloh Rosner Jasmine Nejat</b>	Rabbi Jacob Pressman Academy	<b>Recognition J0416B</b> 317	<i>Believe it or not</i>
<b>Lilit Manvelyan</b>	Saint Gregory A & M Hovsepien School	<b>Recognition J0410B</b> 358	<i>The Effect of Socialization on The Quality of Life of Elderlies</i>
<b>Elizabeth Kesian</b>	Saint Gregory A & M Hovsepien School	<b>Recognition J0421B</b> 364	<i>Crossed Up</i>
<b>Natalie Babayan Laila Handian Meghri Handian</b>	Armenian Sisters Academy	<b>Recognition J0411B</b> 394	<i>AI-Generated vs. Real Images</i>
<b>Amalia Pinsky Alma Miller</b>	Rabbi Jacob Pressman Academy	<b>Recognition J0406B</b> 416	<i>Digital Distractions: The Impact of Social Media on Attention Span</i>
<b>Erum Hashim</b>	Quba Islamic School	<b>Recognition J0405B</b> 589	<i>Best Color of Light for Sleep Quality</i>
<b>Alina Khorozian</b>	Saint Gregory A & M Hovsepien School	<b>Recognition J0413B</b> 628	<i>Can Humans Recognize AI- Generated Images?</i>
<b>Maria Fatima</b>	Institute of Knowledge Middle School	<b>Recognition J0402B</b> 678	<i>Will AI Fool Us All? Testing Human Perception of AI Images</i>
<b>Gavin Masilko</b>	Sierra Madre Middle School	<b>Recognition J0408B</b> 715	<i>How Does Music Affect Memory</i>
<b>Niko Genanyan</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition J0414B</b> 740	<i>Sport helmets against concussions</i>

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<b>Lucia Thompson Charli Nash Coulon Codi Nash Coulon</b>	New Roads Middle School	<b>Recognition J0401B</b> 794	<i>Take a Hint of Peppermint</i>
<b>BEHAVIORAL/SOCIAL SCIENCES - SR - A S03A</b>			
<b>Eric Gu Jolie Friedman</b>	Brentwood School (Senior Division)	<b>First Place S0304A</b> 414	<i>Telebot: Evaluating the Efficacy of Thought Patterns in an Electroencephalographically-Controlled Mobile Robotic Manipulator</i>
<b>Seyoung Park</b>	The Webb Schools	<b>Second Place S0322A</b> 156	<i>Exploring the Diagnostic Potential of Retinal Photographs for Autism Spectrum Disorder Screening and Symptom Severity Assessment</i>
<b>Markenever Dai Mikenever Dai</b>	Harvard-Westlake School (Senior Division)	<b>Third Place S0317A</b> 20	<i>NeuroGaze: Researching the Possibility of Utilizing Eye Tracking Technology to Redefine ADHD Detection</i>
<b>Matthew Heur</b>	La Canada High School	<b>Honorable Mention S0321A</b> 6	<i>Evaluating the Immediate Emotional Impact of Community Volunteering on High School Students</i>
<b>Claire Yu</b>	The Webb Schools	<b>Honorable Mention S0314A</b> 389	<i>Detection of Varying Concentrations of Oleic Acid in the ant Pogonomyrex occidentalis</i>
<b>Lauren Cheng Adam Siu</b>	Diamond Bar High School	<b>Honorable Mention S0320A</b> 621	<i>Unraveling the Genetic Basis of Autism: Cognitive Advantages and Intellectual Potential</i>
<b>Twisha Pande</b>	Mira Costa High School	<b>Recognition S0306A</b> 2	<i>Blueprints for a Longer Life</i>
<b>Ziru Wang</b>	La Serna High School	<b>Recognition S0316A</b> 35	<i>Effects of Social Media on Adolescents' Mental Health</i>
<b>Nicolas Gonzalez Oliver Klussmann Eduardo Soto</b>	Don Bosco Technical Institute	<b>Recognition S0303A</b> 101	<i>How does musical frequency affect the human anatomy</i>
<b>Diego Favela Isaiah Perez</b>	Don Bosco Technical Institute	<b>Recognition S0325A</b> 143	<i>VR vs PC: Effects on the Heart Rate</i>
<b>Ethan Shah Brandon Hy</b>	Prestige STEM Academy (Senior Division)	<b>Recognition S0324A</b> 189	<i>The Uncanny Valley Project</i>



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<b>Avishi Goel</b>	Crescenta Valley High School	<b>Recognition</b> <b>S0309A</b> 246	<i>Slime Mold and the Maze of Possibilities</i>
<b>Hailey Choi Jeremy Kim</b>	Science Academy STEM Magnet (Senior Division)	<b>Recognition</b> <b>S0315A</b> 262	<i>Man Overboard!</i>
<b>Ashley Du</b>	Westridge School for Girls	<b>Recognition</b> <b>S0307A</b> 264	<i>The Hidden Cost of Company: Social Loneliness vs. Solitary Loneliness</i>
<b>Laina Tsai</b>	El Segundo High School	<b>Recognition</b> <b>S0302A</b> 404	<i>Learning and Memory Retention in the Land Snail (Cornu aspersum) Based on Diet (Kale Versus Oats)</i>
<b>Samantha Moreno Lopez Diana Martinez Leilanie Mendoza</b>	Schurr High School	<b>Recognition</b> <b>S0313A</b> 446	<i>Photographic Memory</i>
<b>Kelley Truong Kiara Kurland</b>	El Camino Real Charter High School	<b>Recognition</b> <b>S0319A</b> 511	<i>Identifying the Effects of Digital Screen Usage on Cognitive Abilities</i>
<b>Troy Chung</b>	National Youth Community Center (Senior Division)	<b>Recognition</b> <b>S0305A</b> 541	<i>The Effect of Adolescent Conditioning on Mating and Social Behavior in Drosophila melanogaster</i>
<b>Muhammad Zubair Haroon Hamideh</b>	Institute of Knowledge High School	<b>Recognition</b> <b>S0308A</b> 551	<i>Chromatic Hues Enhance Views: The Impact of Color on Emotional and Cognitive Processes</i>
<b>Sadia Imran</b>	Quba Islamic School - Senior	<b>Recognition</b> <b>S0323A</b> 590	<i>Screen time vs. sleep</i>
<b>Chris Sun</b>	Arcadia High School	<b>Recognition</b> <b>S0318A</b> 674	<i>Investigating the Role of Harassment and Other Factors in Mass Shooting Incidents</i>
<b>Monique Longuryan Amanda Hogtanian Milana Petrosyan</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition</b> <b>S0312A</b> 734	<i>The Mandela Effect</i>
<b>Chloe Tashdjian Nicole Tashdjian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition</b> <b>S0301A</b> 745	<i>Music, and how it Affects you Physiologically</i>
<b>BEHAVIORAL/SOCIAL SCIENCES - SR - B S03B</b>			
<b>Aaron Lee</b>	California Academy of Math and Science	<b>First Place</b> <b>S0317B</b> 491	<i>Gamified Learning and Educational Performance</i>

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<b>Morgan Lee Sean Yoo</b>	Granada Hills Charter High School.	<b>Second Place S0324B</b> 582	<i>Investigating the Effect of AI vs. Human-Made Music on Memory Retention in High School Students</i>
<b>Zirui Chen</b>	The Webb Schools	<b>Third Place S0318B</b> 193	<i>A multi-modal approach combining EEG signals and audio features to enhance music therapy</i>
<b>Jingming Wang</b>	Walnut High School	<b>Third Place S0313B</b> 194	<i>The Heterozygote Advantage of Tay-Sachs Disease</i>
<b>Andrew Tsao</b>	Chadwick School	<b>Honorable Mention S0301B</b> 130	<i>Utilizing AI Personalization in Action Observation Cognitive Behavioral Therapy to Accelerate Stroke &amp; Neurological Disease Recovery</i>
<b>Mark Chang</b>	California Academy of Math and Science	<b>Honorable Mention S0309B</b> 654	<i>How Do Sponsorship Labels and Item Position Influence Consumer Click-Through Rates on Amazon?</i>
<b>Tristan Garcia Armando Cagigas-Bermejo</b>	Don Bosco Technical Institute	<b>Recognition S0312B</b> 84	<i>Unseen Enemy</i>
<b>Kaylee Crawford</b>	Verdugo Hills High School	<b>Recognition S0314B</b> 142	<i>A Harmonic Study of Anger: The Role of Film Music in Eliciting Emotion</i>
<b>Aleek Babahakian Zoe Zograbian Maggie Sapszyan</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition S0307B</b> 210	<i>How do Fears Change with Age?</i>
<b>isabel juarez Kaylie Costello Ivy Renderos</b>	Schurr High School	<b>Recognition S0322B</b> 226	<i>Taste Perception</i>
<b>Zachary Barakat</b>	Saint Anthony High School	<b>Recognition S0305B</b> 304	<i>It's All In Your Head: The Placebo Effect</i>
<b>Alice Kim</b>	Palos Verdes High School	<b>Recognition S0310B</b> 338	<i>The Effect of Cooking and Baking on Stress and Mood Levels</i>
<b>Caleb Tsai</b>	El Segundo High School	<b>Recognition S0311B</b> 401	<i>The Effects of Focal Ischemic Infarct Volume on Spatial Learning and Memory</i>
<b>Emmalyn Bernal Leilani Antunez-Bonetati</b>	Pioneer High School	<b>Recognition S0308B</b> 403	<i>How Does Music Affect the Psyche</i>

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<b>Samantha navarro Victoria Ochoa</b>	Schurr High School	<b>Recognition S0303B</b> 442	<i>What are the effects of music genre on human concentration</i>
<b>Daisy Culligan</b>	Brentwood School (Senior Division)	<b>Recognition S0321B</b> 470	<i>Affects of Blue light</i>
<b>MD Sahadat Alam Muhammad Huzaifa</b>	Granada Hills Charter High School.	<b>Recognition S0315B</b> 507	<i>AI in Education</i>
<b>Zainab Zubairi Aliza Abbaali</b>	Institute of Knowledge High School	<b>Recognition S0304B</b> 550	<i>The AI Tutor: Evaluating the Synergistic Effects of AI on Educational Performance</i>
<b>Reid Shanas</b>	La Canada High School	<b>Recognition S0302B</b> 639	<i>Does a bigger budget mean a better movie?</i>
<b>Jerusalen Illescas</b>	Morningside High School	<b>Recognition S0306B</b> 661	<i>The Central Nervous System/ Gray Matter Abnormailities in Tourette Syndrome: A Meta-Analysis of Voxel-Based Morphometry Studies</i>
<b>Caden Lewis-Shickman</b>	New West Charter (High School)	<b>Recognition S0320B</b> 704	<i>Effect of Practicing Emotional Intelligence Skills with Books</i>
<b>Laura Dertsakyan Natalie Savoulian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition S0323B</b> 737	<i>The Science of Sleep Deprivation</i>
<b>Ani Chalian Sofie Gambourian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition S0319B</b> 744	<i>Screen or Scene? Patient Satisfaction in Gynecological Telehealth vs. In-Person Visits</i>
<b>BIOCHEMISTRY &amp; MOLECULAR BIOLOGY - JR J05</b>			
<b>Hannah Huang</b>	Ridgecrest Intermediate School	<b>First Place J0514</b> 460	<i>Analyzing Type A Influenza Genomes Using Fractal Patterns</i>
<b>Patrick Liang</b>	Portola Highly Gifted Magnet	<b>Second Place J0510</b> 323	<i>Analyzing LINE-1 Expression in Relation to Sars-CoV-2 Infection Severity</i>
<b>Joelle Tsao Reyang Pelkyi</b>	Science Academy STEM Magnet (Junior Division)	<b>Third Place J0505</b> 195	<i>An EGG-cellent Cake</i>
<b>Neelabh Garg</b>	Hale Charter Academy STEAM Magnet	<b>Honorable Mention J0501</b> 400	<i>What Are the Best Carbon Capture Methods?</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Lia Stepanian</b>	Chamlian Armenian School	<b>Honorable Mention</b> <b>J0508</b> 810	<i>What impact does the type of dairy product have on glucose levels and what is the implications of lactose-free?</i>
<b>Kayla Wang Shivani Mohindra</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition</b> <b>J0503</b> 37	<i>How does the sucrose in sugar content measured in Brix increase/decrease in ripening Honeycrisp Apples within a span of 5 days?</i>
<b>Daniel Park</b>	Beverly Vista Middle School	<b>Recognition</b> <b>J0511</b> 57	<i>Using Machine Learning Study to the Immune Response to COVID-19</i>
<b>Hasan Tariq Abyad Taahan</b>	AlHuda Islamic School	<b>Recognition</b> <b>J0507</b> 76	<i>WHICH FRUIT IS BEST FOR YOU? Examining the Amount of Sugar in Different Fruits.</i>
<b>Radha Kalari Sagar</b>	Arroyo Seco Junior High School	<b>Recognition</b> <b>J0515</b> 105	<i>Produce Under the Microscope</i>
<b>Eva Whittemore</b>	Walter Reed Middle School	<b>Recognition</b> <b>J0512</b> 307	<i>Finding Neutral Territory</i>
<b>Taylor Baek Olivia Kim</b>	Palos Verdes Intermediate school	<b>Recognition</b> <b>J0513</b> 425	<i>Sun Protection Smarts: Know Your Skin, Choose Your Sunscreen</i>
<b>Gabriel paster Ori Jaffe</b>	Rabbi Jacob Pressman Academy	<b>Recognition</b> <b>J0504</b> 463	<i>The Effect of Hand Sanitizer on the Cleanliness of Our Hands After Touching Everyday School Objects.</i>
<b>Veronica Avoyan Robert Sanamyan Lilit Khchatryan</b>	Armenian Sisters Academy	<b>Recognition</b> <b>J0509</b> 580	<i>The Impact of Glucose on Teeth Decay</i>
<b>Carla Jivalagian</b>	Saint Gregory A & M Hovsepian School	<b>Recognition</b> <b>J0506</b> 685	<i>Which Flour has the most Gluten?</i>
<b>Noushig Shenian</b>	Armenian Sisters Academy	<b>Recognition</b> <b>J0502</b> 727	<i>Electrolyte Content Within Various Beverages</i>
<b>BIOCHEMISTRY &amp; MOLECULAR BIOLOGY - SR S04</b>			
<b>Sydney Wynn Maryam Soliman</b>	Palos Verdes High School	<b>First Place</b> <b>S0411</b> 361	<i>The Effect of Antisense Oligonucleotide Treatment on the Proliferation of Pitt Hopkins Neural Progenitor Cells</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Andrew Huang</b>	The Webb Schools	<b>Second Place</b> S0418 170	<i>Design of Protein Binders Targeting the Interleukin-6 Signaling Complex to Inhibit Amyloid-Beta-Induced Ferroptosis</i>
<b>Evan Chen</b>	Polytechnic School	<b>Third Place</b> S0425 252	<i>Targeting SAMHD1 enhances cytarabine effects in acute myeloid leukemia</i>
<b>Ilinca Sasu</b>	North Hollywood High School	<b>Honorable Mention</b> S0405 207	<i>How can CRISPR/Cas 9 become a Viable Treatment for Crohn's Disease?</i>
<b>Colin Hwang</b>	La Canada High School	<b>Honorable Mention</b> S0415 490	<i>MS2-MBP Pull-Down Assay to Investigate G4C2 RNA Interaction in Cells</i>
<b>Zalea Nunes Rijul Garg</b>	Pasadena High School	<b>Honorable Mention</b> S0429 698	<i>Toward Unsupervised Learning in DNA-Based Neural Networks: Implementing Weight Normalization</i>
<b>Timothy Chan</b>	San Marino High School	<b>Recognition</b> S0410 82	<i>Early Detection of Pancreatic Cancer Utilizing Surface Enhanced Raman Spectroscopy on CA-19-9 and LRG-1 Proteins</i>
<b>Lia Kargodorian Alina Akaragian mary Yazmajian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition</b> S0409 137	<i>How Does Moisturizer Affect a Swimmer's Dry Skin?</i>
<b>Talar Khayalian Nola Yousefi Vanna Davtyan</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition</b> S0430 138	<i>Dealing with Diabetes: The Road to Developing an Artificial Pancreas</i>
<b>Simon Schnaitman</b>	La Salle College Preparatory	<b>Recognition</b> S0428 147	<i>Exposure to formaldehyde leads to hyperphosphorylation of tau and pathological signs of Alzheimer's in rat neurons</i>
<b>Joshua Vargas Vincent Nieves Jose Alvarez, Jr.</b>	Don Bosco Technical Institute	<b>Recognition</b> S0426 155	<i>Sweet Tooth Yeast</i>
<b>Vinayan Tiruvellore</b>	Academy of the Canyons Middle College High School	<b>Recognition</b> S0406 158	<i>Evaluating CTLA-4 Antibody-Antigen Binding as a Model for Targeted Immunosuppressant Delivery in Hashimoto's Thyroiditis</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Brian Shin</b>	Science Academy STEM Magnet (Senior Division)	<b>Recognition S0419</b> 179	<i>Preparation of Polyphenolic Extracts from Freeze-Dried Berries</i>
<b>Varsha Murali</b>	William Howard Taft Charter High School	<b>Recognition S0416</b> 243	<i>Unlocking Medulloblastoma Detection: Transketolase (TKT) as a Novel Biomarker for Early Diagnosis</i>
<b>Emily Gai</b>	Crescenta Valley High School	<b>Recognition S0408</b> 251	<i>De-differentiation associated with Metastatic Pancreatic Neuroendocrine Tumors</i>
<b>Orion Fujii</b>	Palos Verdes High School	<b>Recognition S0421</b> 331	<i>Application of a Captive Bubble Surfactometry Assay for Testing Surfactant Formulations</i>
<b>Mason Hong</b>	La Salle College Preparatory	<b>Recognition S0402</b> 332	<i>Spectral Autofluorescence: Towards Quantitative Pathology</i>
<b>sarkis farsakyan Jyre Avanesian Zareh Achekian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition S0412</b> 371	<i>The Germ-Killing Power of UV Light: Investigating Its Effectiveness Against Bacteria</i>
<b>Connor Zhao</b>	North Hollywood High School	<b>Recognition S0420</b> 373	<i>Determination of small molecules as inhibitors of Interleukin-1 beta in cancer immunotherapy</i>
<b>Giselle Aguilar Dayanira Canil Bryan Castaneda</b>	Schurr High School	<b>Recognition S0413</b> 388	<i>Paint It Natural</i>
<b>Camille Carrillo Eduardo Campos Camila Reyes</b>	Pioneer High School	<b>Recognition S0407</b> 417	<i>How does Temperature affect the Fermentation Process of Kimchi?</i>
<b>Sahel Munshi</b>	North Hollywood High School	<b>Recognition S0403</b> 466	<i>Computational Analysis Identified the Bioflavonoid Regulated Cellular Pathways Linked to Colorectal Cancer Prevention</i>
<b>Lawrence Zhao</b>	Harvard-Westlake School (Senior Division)	<b>Recognition S0427</b> 475	<i>Spatial transcriptomics analysis of the dorsal medial hypothalamic (DMH) nucleus of the mouse posterior hypothalamus</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Karen Song</b>	Walnut High School	<b>Recognition S0414</b> 501	<i>Machine Learning-Based Prediction of Amyotrophic Lateral Sclerosis Using TDP-43 and Alternative Polyadenylation Biomarkers</i>
<b>Noor Farooqui Zaina Salameh Amal Khan</b>	Institute of Knowledge High School	<b>Recognition S0423</b> 583	<i>Cold-Pressed Countdown: Investigating Nutrient Retention and Degradation of Cold-Pressed Juices Over Time</i>
<b>Vy Pham</b>	Flintridge Preparatory School	<b>Recognition S0422</b> 596	<i>Role of Smell on Ovulation and Ovarian Cancer Risk</i>
<b>Aisha Junaid Huda Shafi</b>	Institute of Knowledge High School	<b>Recognition S0417</b> 603	<i>Traces of Truth: Analyzing the Effects of Height and Impact Angle on Bloodstain Morphology</i>
<b>Damaris Lara</b>	San Fernando High School	<b>Recognition S0401</b> 821	<i>Taking a Deeper Dive into the Varicella Vaccine</i>
<b>Pok Bowen Wen</b>	Southlands Christian Schools	<b>Recognition S0404</b> 827	<i>Blood Biomarkers for PTSD Diagnosis</i>
<b>CHEMISTRY - APPLIED - JR J06</b>			
<b>Sophia Spencer</b>	Brentwood School (Junior Division)	<b>First Place J0613</b> 100	<i>Improper Storage of Sunscreen might Decrease Its Effectiveness</i>
<b>Edwin Chung</b>	Portola Highly Gifted Magnet	<b>First Place J0611</b> 293	<i>Sustainable Style</i>
<b>Vana Churukian Any Kargodorian</b>	Chamlan Armenian School	<b>Third Place J0619</b> 839	<i>Keep your milk fresh with hydrogen peroxide</i>
<b>Axl Slavin</b>	Saint Monica Academy	<b>Third Place J0610</b> 849	<i>Human Scent Survivability: Does Medical Sterilization Remove All Odor?</i>
<b>Andrew Biehahn</b>	Arroyo Seco Junior High School	<b>Recognition J0604</b> 67	<i>Sunscreen Efficacy Across Multiple Skin Tones</i>
<b>Mayyadah Saad</b>	AlHuda Islamic School	<b>Recognition J0617</b> 73	<i>Sunny with a Chance of Contamination! Examining the Decline in Water Quality as Plastic Water Bottles are Subjected to the Heat of the Sun.</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Saya Echavarri Kaci Xie</b>	Pomona Unified School District Junior Division	<b>Recognition J0608</b> 122	<i>Ghost Ink</i>
<b>Ian Billings</b>	Arroyo Seco Junior High School	<b>Recognition J0609</b> 165	<i>Does plant base milk affect the amount of protein?</i>
<b>Charlotte Sagers</b>	Beverly Vista Middle School	<b>Recognition J0605</b> 299	<i>How Effective Is Your Sunscreen</i>
<b>Bhavjot Sandhu</b>	Ross Academy of Creative and Media Arts Middle School	<b>Recognition J0606</b> 452	<i>How Fizz can you go?</i>
<b>Natalie Santiago</b>	St. Martin of Tours School	<b>Recognition J0618</b> 554	<i>Make your own water filtration system</i>
<b>Raffi Bezdjian Morris Bezdjian</b>	Armenian Sisters Academy	<b>Recognition J0612</b> 579	<i>Filtration System</i>
<b>Stanley Wang</b>	Palos Verdes Intermediate school	<b>Recognition J0614</b> 622	<i>Which type of Acetaminophen dissolves the fastest in stomach acid?</i>
<b>Walker Ehrich</b>	St. Martin of Tours School	<b>Recognition J0615</b> 627	<i>Testing the Waters</i>
<b>Sanah Hashimi</b>	New Horizon School Pasadena	<b>Recognition J0607</b> 787	<i>The Harms of the Chemicals in Skin Care Products and Their Overall Effect</i>
<b>Kyle Bahadourian</b>	Holy Martyrs Ferrahian School (Junior Division)	<b>Recognition J0601</b> 808	<i>Fantastic Bioplastic</i>

### CHEMISTRY - GENERAL - JR J07

<b>ariana kotikian Arpa Bostanian Angelina Torosyan</b>	Armenian Sisters Academy	<b>First Place J0722</b> 575	<i>Organic vs. Non-Organic Hair Dye</i>
<b>Raffi Zakarian</b>	Chamlan Armenian School	<b>Second Place J0712</b> 828	<i>Acidic or Basic: What Keeps Your Apples Looking Fantastic?</i>
<b>Abdullah Murad</b>	AlHuda Islamic School	<b>Third Place J0725</b> 85	<i>CAN YOU STILL "C" IT? EXAMINING ASCORBIC ACID RETENTION IN FRUITS AFTER ONE HOUR OXIDATION USING REDOX TITRATION.</i>



## 2025 Los Angeles County Science Fair Category Winners

<b>Camsey Chioke</b>	Arroyo Seco Junior High School	<b>Honorable Mention</b> J0718 209	<i>Does the type of plant affect the conductivity of electricity?</i>
<b>Emeline Lee</b>	St. Timothy	<b>Honorable Mention</b> J0715 413	<i>Sip Smart!</i>
<b>Bailey Lowe</b>	Louis Armstrong Middle School	<b>Honorable Mention</b> J0707 535	<i>How Do You Make Red Food Dye?</i>
<b>Aran Joyce</b>	Miraleste Intermediate School	<b>Honorable Mention</b> J0717 594	<i>Comparing the Healthiness of Tap Water and Filtered Water</i>
<b>Sophia Moon Irene Um</b>	Magnolia Science Academy 6	<b>Recognition</b> J0711 26	<i>Which Location has the Best Soil for Cultivation?</i>
<b>Alyza Garcia</b>	Pomona Unified School District Junior Division	<b>Recognition</b> J0714 126	<i>Respiratory system and carbon dioxide</i>
<b>Rosa Barbosa</b>	Sun Valley Magnet School (Middle School)	<b>Recognition</b> J0709 181	<i>Heats Favorite Color</i>
<b>Ana Zelada Giselle Olah</b>	Sun Valley Magnet School (Middle School)	<b>Recognition</b> J0701 182	<i>ChocoCraft</i>
<b>Sihan Tao Luca Guignard</b>	Stratford School-Altadena, CA	<b>Recognition</b> J0724 211	<i>Which Way of Filtering Water is the Most Effective?</i>
<b>Eunchan Seo</b>	Walter Reed Middle School	<b>Recognition</b> J0708 384	<i>RUst</i>
<b>Jerry Xu</b>	Stratford School-Altadena, CA	<b>Recognition</b> J0713 516	<i>CO? Propulsion Device</i>
<b>Stephany González Alani Picon Abigail Munoz</b>	Bell Gardens Intermediate School	<b>Recognition</b> J0720 539	<i>How to make Homemade Icecream</i>
<b>Elizabeth Poladian</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition</b> J0710 544	<i>LED Light Therapy: How it works, Colors, Benefits and Risks</i>
<b>Heidy Palacios Jackie Martinez</b>	Bell Gardens Intermediate School	<b>Recognition</b> J0704 566	<i>Comparing Crystals</i>
<b>Elina Osipyan Emily Tavadjian</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition</b> J0702 578	<i>Bath Bomb Science</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Michael Lilly</b>	St. Martin of Tours School	<b>Recognition</b> J0723 604	<i>Conductivity vs Ph</i>
<b>Elena Trmrian Sophia Vardanyan Manne Melkonian</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition</b> J0719 660	<i>How To Make Different Types Of Slime</i>
<b>Gaelle Ezadjian</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition</b> J0726 672	<i>Can You Change the Rate of a Chemical Reaction by Changing the Particle Size of the Reactants?</i>
<b>Jason Martin del Campo</b>	Assumption of the Blessed Virgin Mary, Pasadena	<b>Recognition</b> J0716 837	<i>Besides Salt, What Else can Melt Ice the Fastest?</i>
<b>CHEMISTRY - SR S05</b>			
<b>Inu Cho</b>	Palos Verdes Peninsula High School	<b>First Place</b> S0518 255	<i>Advancing Kappa-Carrageenan Hydrogels: Novel Exopolysaccharide Integration for Superior Mechanical Properties</i>
<b>Daniel Xue Candice Tang</b>		<b>Second Place</b> S0513 840	<i>Targeting Fungal Biofilms by Evaluating Sustainable Inhibition Strategies Using Saccharomyces Cerevisiae</i>
<b>Sanjay Ganapathy Aaryan Virk</b>	Gretchen Whitney High School	<b>Third Place</b> S0504 50	<i>IntelliSpec: A Novel Portable and Economical Spectrophotometric System for Analytical Applications in Fieldwork and Educational Contexts</i>
<b>Julianne Mayetani Avery Yu</b>	Palos Verdes Peninsula High School	<b>Honorable Mention</b> S0514 258	<i>Targeted H2 Gas Release via Catalyzed Decomposition of Borohydride with Cobalt Nanocomposites in a Hydrogel Matrix</i>
<b>Jennifer Mota</b>	Pomona Unified School District Senior Division	<b>Recognition</b> S0516 117	<i>Art in Nature</i>
<b>Santino De La Torre</b>	Pomona Unified School District Senior Division	<b>Recognition</b> S0503 125	<i>Rise and Shine: Cake Edition</i>
<b>Tristan Ting Torres Alejandro Rico Brandon Lee</b>	Don Bosco Technical Institute	<b>Recognition</b> S0509 152	<i>The differences in the effects of Filtered cigarettes, Unfiltered Cigarettes and Vapes on artificial lungs.</i>
<b>Haoqin Yuan</b>	Brentwood School (Senior Division)	<b>Recognition</b> S0506 214	<i>Extra Bright and Long Lasting Glowstick with Luminol as a Light Source</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Cole Thometz Aidan Jones</b>	Saint Anthony High School	<b>Recognition S0510</b> 362	<i>The Effect of Sand, Charcoal, and Mixed Filtration on Dirty Water pH Levels.</i>
<b>Brandon Garcia Daniel Velasquez</b>	Sun Valley Magnet School (High School)	<b>Recognition S0507</b> 402	<i>Multi-Colored Flames</i>
<b>Ariana Ruiz Marcel Contreras</b>	Pioneer High School	<b>Recognition S0505</b> 407	<i>Can BioChar be used to combat greenhouse gases?</i>
<b>Maria Lemus</b>	Pioneer High School	<b>Recognition S0512</b> 408	<i>Testing Electrolytes in Sports Drinks</i>
<b>Bianca Granado Bereniz Garcia London Cornelius</b>	Pioneer High School	<b>Recognition S0501</b> 410	<i>Designing a more durable concrete</i>
<b>Jaylene Virgen Kimberly Martinez</b>	Schurr High School	<b>Recognition S0517</b> 439	<i>Electrolytes</i>
<b>Nicholas Andrews</b>	Schurr High School	<b>Recognition S0508</b> 444	<i>Film Development</i>
<b>Maximo Zhang Siddhant Khapra</b>	Gretchen Whitney High School	<b>Recognition S0521</b> 498	<i>Automated Photovoltaic Electrolysis: Merging Technology and Chemistry to Optimize Hydrogen and Oxygen Gas Production for Personal Use</i>
<b>Farah Sandoval Malvika Ganapathy</b>	The Archer School For Girls (High School)	<b>Recognition S0519</b> 614	<i>An Occasion for Decellularization: Testing the Effectiveness of 3 Detergents in the Decellularization of Plant and Animal Tissue</i>
<b>Allison Yu</b>	National Youth Community Center (Senior Division)	<b>Recognition S0522</b> 692	<i>Developing Solid Waste Catalyst For Biodiesel Production</i>
<b>Julia Ohanian Emily Danayan</b>	Holy Martyrs Ferrahian School (Senior Division)	<b>Recognition S0515</b> 812	<i>Testing heat protectants</i>
<b>Madeline Krisnadi</b>	Saint Anthony High School	<b>Recognition S0511</b> 838	<i>Toothpaste Effects on Stains</i>
<b>EARTH / SPACE SCIENCES - JR J08</b>			
<b>Willow Wehage</b>	Sierra Madre Middle School	<b>First Place J0802</b> 637	<i>Can a Three-Star System Support Life?</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Adya Kirubakaran</b>	Portola Highly Gifted Magnet	<b>Second Place</b> <b>J0801</b> 271	<i>OPTIMIZING ALFALFA GROWTH ON MARS WITH RIGHT AMOUNT OF AZOMITE</i>
<b>Muhammad Shah</b>	Rudecinda Sepulveda Dodson middle school	<b>Third Place</b> <b>J0806</b> 97	<i>Banana Enzymic Browning</i>
<b>Batool Musallet</b>	Institute of Knowledge Middle School	<b>Third Place</b> <b>J0810</b> 597	<i>Diversity Under Stress: Acid Rain-Induced Biodiversity Shifts in Freshwater Ecosystems</i>
<b>Omkar Kanse</b>	ROSEMONT MIDDLE SCHOOL	<b>Honorable Mention</b> <b>J0803</b> 78	<i>Harnessing Chlorella vulgaris: A Natural Solution for Air Purification</i>
<b>Vincent Buitrago</b>	New West Charter Middle School	<b>Recognition</b> <b>J0804</b> 60	<i>The Cleanest Way to School</i>
<b>Raku Miyata Matthew Carabantes Alexander Chan</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition</b> <b>J0808</b> 273	<i>Earthquake Resistor</i>
<b>Mila Boyamyran</b>	Saint Gregory A & M Hovsepian School	<b>Recognition</b> <b>J0805</b> 586	<i>How Do Stars Evolve Over Time?</i>
<b>Chloe Ohanian</b>	Saint Gregory A & M Hovsepian School	<b>Recognition</b> <b>J0807</b> 634	<i>Rocks, Rocks, Everywhere</i>
<b>EARTH / SPACE SCIENCES - SR S06</b>			
<b>Zichen Wei</b>	The Webb Schools	<b>First Place</b> <b>S0602</b> 354	<i>Auto-Detection TESS Survey for Single-Transit Exoplanets in Known Systems</i>
<b>Sarah Huang</b>	Excelsior School	<b>Second Place</b> <b>S0605</b> 186	<i>Machine Learning for Exoplanet Discovery: Validating TESS Candidates and Identifying Planets in the Habitable Zone</i>
<b>Ryan Lee</b>	Science Academy STEM Magnet (Senior Division)	<b>Third Place</b> <b>S0606</b> 370	<i>Optimizing Nitrogen and Carbon Sources for Deep-Sea Microbe Cultivation Using a 2D Segmentation-Assisted Cell Counting Algorithm</i>
<b>Joanna Wu</b>	Harvard-Westlake School (Senior Division)	<b>Third Place</b> <b>S0612</b> 722	<i>Radiative Properties of Accretion onto Binary Supermassive Black Holes</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Muaz Reza</b>	Science Academy STEM Magnet (Senior Division)	<b>Honorable Mention</b> <b>S0608</b> 481	<i>Shadows of Distant Worlds: Advanced Transit Modeling to Unveil Earth's Cosmic Cousins</i>
<b>Sofia Luong</b>	Chadwick School	<b>Recognition</b> <b>S0610</b> 64	<i>Effects of Varying Temperatures on the Magnitude of a Tsunami</i>
<b>Mher Mkrtyumyan Narek Karapetyan</b>	Granada Hills Charter High School.	<b>Recognition</b> <b>S0604</b> 99	<i>The Fate of the Universe</i>
<b>Simren Bindra</b>	Harvard-Westlake School (Senior Division)	<b>Recognition</b> <b>S0609</b> 161	<i>Concentration of lead in Air and Soil after Wildfires</i>
<b>Bernice Deng</b>	San Marino High School	<b>Recognition</b> <b>S0601</b> 366	<i>Predicting and Tracking Plastic Pellets/Nurdle Spills: A Novel AI, GIS, and Data-Driven Approach to Combat Marine Plastic Pollution</i>
<b>Denmark Miraballes Andre Degraffinreadt</b>	St. Francis High School	<b>Recognition</b> <b>S0611</b> 636	<i>Rogue Planets: What are They, is it Possible for Them to become Part of the Solar System, and if Earth became one, What Would Happen?</i>
<b>Kyle Li</b>	Prestige STEM Academy (Senior Division)	<b>Recognition</b> <b>S0607</b> 682	<i>Comparison of three cosmology models against the recent evidence</i>
<b>Anai Duenas Padilla</b>	Magnolia Science Academy 4-Venice (Senior Division)	<b>Recognition</b> <b>S0613</b> 729	<i>Simply Soil</i>
<b>Alex Lin</b>	Walnut High School	<b>Recognition</b> <b>S0603</b> 746	<i>Turkey's Earthquakes: Damage Prediction and Feature Significance Using a Multivariate Analysis</i>
<b>ECOLOGY - JR J09</b>			
<b>Isra Merouani</b>	AlHuda Islamic School	<b>First Place</b> <b>J0905</b> 70	<i>USING DAPHNIA MAGNA TO DETECT THE LEVEL OF TOXICITY IN RUNOFF RAIN WATER</i>
<b>Alexandria Haro</b>	The Archer School For Girls (Middle School)	<b>Second Place</b> <b>J0901</b> 202	<i>When algae gets salty: the effects of varying amounts of sodium chloride on cyanobacteria.</i>
<b>Amelia Cabezas</b>	Incarnation Parish School	<b>Third Place</b> <b>J0911</b> 225	<i>Sustainable Scents: Using Enflourage to Make an Eco-Friendly Fragrance</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Shant Najarian</b>	Armenian Sisters Academy	<b>Third Place</b> <b>J0909</b> 447	<i>Are HEPA Filters Effective?</i>
<b>Lana Finley</b>	Walter Reed Middle School	<b>Honorable Mention</b> <b>J0910</b> 308	<i>Soak It Up</i>
<b>Dylan Galindo</b>	Magnolia Science Academy 6	<b>Recognition</b> <b>J0913</b> 36	<i>Which type of water mechanism helps the plants grow longer</i>
<b>Sofia Bello Ani Tatian</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition</b> <b>J0917</b> 95	<i>Can Waxworms Help Get Rid Of Plastic Pollution?</i>
<b>Hailey Moran</b>	Pomona Unified School District Junior Division	<b>Recognition</b> <b>J0914</b> 114	<i>Does The Median Income In A County Affect The Quality Of Water?</i>
<b>Sophia Alcauter-Garcia</b>	Pomona Unified School District Junior Division	<b>Recognition</b> <b>J0908</b> 123	<i>Water Filters</i>
<b>Zecheng Zhao</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> <b>J0903</b> 190	<i>Which Aquatic Plants Can Produce the Most Oxygen?</i>
<b>Taiga Iwane Taichi Komiya</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition</b> <b>J0907</b> 348	<i>The Effect of pH on Spinacia Oleracea</i>
<b>Iren Tarlanian</b>	Stratford School-Altadena, CA	<b>Recognition</b> <b>J0912</b> 526	<i>Which Substances When Tested Would Help Plant Cuttings Thrive For Days Without Wilting?</i>
<b>Suleiman Syed</b>	Institute of Knowledge Middle School	<b>Recognition</b> <b>J0916</b> 679	<i>Impure Water: A Comparative Analysis of Nitrates in Home Tap Water, Bottled Water, and Surface Water Sources</i>
<b>Chadly Ayachi</b>	Quba Islamic School	<b>Recognition</b> <b>J0915</b> 817	<i>Unfiltered Water</i>
<b>Nareh Kalachian</b>	Chamlian Armenian School	<b>Recognition</b> <b>J0906</b> 826	<i>The Effect of Salt on the Freezing Point of Water</i>
<b>Colette Rifkin</b>	The John Thomas Dye School	<b>Recognition</b> <b>J0902</b> 843	<i>Pesticides Are In Our Food. Or Are They?</i>

# 2025 Los Angeles County Science Fair Category Winners

## ECOLOGY - SR S07

<b>Yuexi Lin Maya Chin</b>	The Webb Schools	<b>First Place S0703</b> 208	<i>The Development of a C. Elegans Screening Model for Groundwater Contaminants</i>
<b>Lea Segal</b>	Palos Verdes Peninsula High School	<b>Second Place S0709</b> 233	<i>Mathematical Modeling of Salt Marsh Surface Seawater Acidity</i>
<b>Anika Savai</b>	Palos Verdes High School	<b>Third Place S0711</b> 494	<i>Evaluating the Efficiency of Schoenoplectus californicus (Tules) in Reducing Eutrophication and Toxicity in Different Freshwater Sources</i>
<b>Lily Arjomand</b>	Brentwood School (Senior Division)	<b>Recognition S0702</b> 242	<i>Ant's Capability to Sequester Carbon Dioxide to Increase CO2 Removal in the Environment</i>
<b>Wesley Wang Drew Smitham</b>	Palos Verdes High School	<b>Recognition S0705</b> 359	<i>The Effect of Antibacterial Soap on Local Aquatic Microbial Biodiversity</i>
<b>Claire Jung</b>	Flintridge Preparatory School	<b>Recognition S0708</b> 375	<i>Can Multi-Source Nutritional Liquids Mitigate the Deleterious Effect of Acid Rain on Phaseolus vulgaris Growth?</i>
<b>Ella Wang</b>	Flintridge Preparatory School	<b>Recognition S0710</b> 440	<i>Study of Mussels as a Bioindicator of Microplastic Pollution and Clearance in Marine Environment</i>
<b>Annie Liu</b>	La Salle College Preparatory	<b>Recognition S0706</b> 449	<i>The Impact of Formaldehyde-polluted Water on the Germination and Initial Growth of Mung Bean.</i>
<b>Shaheer Hashmi Sami Aguilar Ibrahim Mardini</b>	Institute of Knowledge High School	<b>Recognition S0707</b> 611	<i>Breathing in the Dark: Harnessing Microbial Potential for Anaerobic Biotechnology and Sustainable Oxygen Production</i>
<b>Ziyu Zeng</b>	Walnut High School	<b>Recognition S0701</b> 629	<i>Chemicals and Toxins in Our Environment: Their Effects on IQ and Mental Health</i>

## ENGINEERING APPLICATIONS - JR A J10A

<b>Kevin Tang</b>	Cedarlane Academy	<b>First Place J1005A</b> 239	<i>FallGuard: A Real-time Fall Detection System</i>
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## 2025 Los Angeles County Science Fair Category Winners

<b>Gregory Shechter</b>	Palos Verdes Intermediate school	<b>Second Place</b> J1002A 321	<i>PillBot: A Low-Cost 3D-Printed Robotic Pill Dispenser to Increase Medication Adherence</i>
<b>Arumin Ravisankar</b>	Rancho Pico Junior High School	<b>Third Place</b> J1007A 365	<i>InvisiSense</i>
<b>Ram Stewart</b>	Institute for Educational Advancement (Junior)	<b>Third Place</b> J1025A 833	<i>Rosebot</i>
<b>Meryem Bellabouah</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Honorable Mention</b> J1028A 43	<i>BSZRBA - Silicone Nail Sleeve for Versatility and True Inclusivity</i>
<b>Elena Odorczuk</b>	Pomona Unified School District Junior Division	<b>Honorable Mention</b> J1009A 112	<i>Video Dangerous Object Detection</i>
<b>Judah Maman Arie Maman</b>	Science Academy STEM Magnet (Junior Division)	<b>Honorable Mention</b> J1027A 177	<i>Arduino SAR Bot</i>
<b>Cleopatra Roberts Richards Sophia Ahn</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Honorable Mention</b> J1022A 180	<i>Portable Piezoelectric Power Generator</i>
<b>Daniel Ahdoot</b>	Portola Highly Gifted Magnet	<b>Honorable Mention</b> J1026A 272	<i>Cleaning Solar Panels - A Tedious Task Made Easy</i>
<b>Kavan Manthena Aidan Khan</b>	Science Academy STEM Magnet (Junior Division)	<b>Honorable Mention</b> J1003A 296	<i>Smarter and Cheaper Glasses</i>
<b>Austin Ludwig</b>	Hale Charter Academy STEAM Magnet	<b>Honorable Mention</b> J1015A 324	<i>What is the Best Bracing Type?</i>
<b>Lani Cravens Sarah Leon Aldrich Van</b>	Rudecinda Sepulveda Dodson middle school	<b>Honorable Mention</b> J1008A 386	<i>Vibro-Band</i>
<b>Austin Gharakhanian</b>	Chamlan Armenian School	<b>Honorable Mention</b> J1033A 815	<i>Traditional vs Plastic Bricks</i>
<b>Basile Dewynter</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> J1001A 204	<i>Which 3D printed bridge can hold the most weight?</i>
<b>Zhoee Jimenez</b>	Science Academy STEM Magnet (Junior Division)	<b>Recognition</b> J1020A 217	<i>Marine Machine: An Oil and Trash Collector for the Ocean</i>



## 2025 Los Angeles County Science Fair Category Winners

<b>Kourosh Dardashti Ethan Haroonian James Grant</b>	Beverly Vista Middle School	<b>Recognition J1030A</b> 245	<i>Trust The Truss</i>
<b>Ayla DerHovagimian Emmie Kazanchian Garss Gaboudian</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition J1029A</b> 297	<i>Mini Tesla Coil</i>
<b>Silver Quistgaard</b>	Walter Reed Middle School	<b>Recognition J1032A</b> 306	<i>Raise the Roof</i>
<b>Eden Moccia</b>	Portola Highly Gifted Magnet	<b>Recognition J1023A</b> 322	<i>The Pooperpowers of Portable Bamboo Toilets</i>
<b>Skyler Enari Rui Hokyo Liam Gutierrez</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition J1034A</b> 347	<i>A Vision for Change</i>
<b>Keaton Dornfeld Aidan Barragan</b>	Science Academy STEM Magnet (Junior Division)	<b>Recognition J1004A</b> 355	<i>Extendable Arm</i>
<b>Genesis Guardado Keily Nava Angie Cabrera</b>	Bell Gardens Intermediate School	<b>Recognition J1010A</b> 420	<i>Grip &amp; Dip</i>
<b>Jayden Orizaga Alder Baltazar</b>	Bell Gardens Intermediate School	<b>Recognition J1017A</b> 422	<i>Sit &amp; Kick</i>
<b>Aleksander Ajamian</b>	Saint Gregory A & M Hovsepien School	<b>Recognition J1018A</b> 461	<i>Using Light Sensors in Self Driving Cars</i>
<b>Platon Tsvetkov</b>	Sun Valley Magnet School (Middle School)	<b>Recognition J1014A</b> 497	<i>Revolutionizing Fracture Care: Exploring the Future of Cast Design</i>
<b>Gina Choi Jessie Lu</b>	Miraleste Intermediate School	<b>Recognition J1024A</b> 506	<i>Breeze, Please: An Environmentally-friendly Solution to Beat the Heat!</i>
<b>Isabella Maciel-Johnson Elena Castellanos Amanda Alcalá</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition J1021A</b> 524	<i>Curtain Opener</i>
<b>Sai Tej Chikati</b>	Rancho Pico Junior High School	<b>Recognition J1016A</b> 686	<i>ActiveDesk: Integrating Fitness into Office Life</i>
<b>Chase La Haie</b>	Rudecinda Sepulveda Dodson middle school	<b>Recognition J1011A</b> 709	<i>Leaky Faucet Preventer</i>
<b>Samuel Eloyan Niko Davityan Arman Mikaelyan</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition J1019A</b> 736	<i>Sound Listening Robot</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Kiana Choi Jhune Toruno</b>	Rudecinda Sepulveda Dodson middle school	<b>Recognition</b> <b>J1006A</b> 768	<i>Inventing an effective, cheap irrigation system for your household garden</i>
<b>Lena Hill</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition</b> <b>J1031A</b> 842	<i>How to make Buildings Earthquake Proof</i>
<b>ENGINEERING APPLICATIONS - JR B J10B</b>			
<b>Satyajith Payasam</b>	ROSEMONT MIDDLE SCHOOL	<b>First Place</b> <b>J1025B</b> 53	<i>AppendAI</i>
<b>Alex Parker</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Second Place</b> <b>J1021B</b> 351	<i>Earthquake Resistant Designs</i>
<b>Van Shemmassian Alex Ovakimyan Armen Khatchadourian</b>	C&E Merdianian Armenian Evangelical School	<b>Third Place</b> <b>J1028B</b> 530	<i>Lego Vacuum Engine</i>
<b>Allison Teo Connor Tran</b>	Pomona Unified School District Junior Division	<b>Honorable Mention</b> <b>J1016B</b> 127	<i>Too Much Radiation? Radiation Phone Cases to the Rescue!</i>
<b>Emma Alversado Sydney Brown</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Honorable Mention</b> <b>J1024B</b> 521	<i>Meditate: Smart Pill Dispenser for Independent Living</i>
<b>Sanjay Gullapalli</b>	Ross Academy of Creative and Media Arts Middle School	<b>Honorable Mention</b> <b>J1009B</b> 528	<i>How does the size of a parachute affect terminal velocity?</i>
<b>Risha Sampath Karina Ferrie</b>	Harvard Westlake School (Junior Division)	<b>Honorable Mention</b> <b>J1007B</b> 739	<i>HWater Collector</i>
<b>Mizuki Iwane Neina Manios</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition</b> <b>J1026B</b> 91	<i>Recycling Sorter For Bottle And Cans Using QR Codes</i>
<b>Alex Arzmanian Michael Armeni Paul Hartounian</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition</b> <b>J1003B</b> 206	<i>Carboat</i>
<b>Ethan Chaichan Julian Tan</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition</b> <b>J1022B</b> 274	<i>Earthquake Resistant House by Root Design</i>
<b>Nellie Nalbandyan Olivia Ashikian Ella Yagubyan</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition</b> <b>J1032B</b> 303	<i>Speak Your Mind</i>
<b>Zoe Audu</b>	Rudecinda Sepulveda Dodson middle school	<b>Recognition</b> <b>J1012B</b> 343	<i>Crash Guard</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Vyke Mansourian Michael Zadoyan</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition J1010B 393</b>	<i>The Electrocan</i>
<b>Dulce Perez Pacas Rocio Cortez Marlene Delgado</b>	Bell Gardens Intermediate School	<b>Recognition J1027B 399</b>	<i>Fit to Kick</i>
<b>Jaxon Tang Sean Hyung</b>	New West Charter Middle School	<b>Recognition J1014B 458</b>	<i>Keeping it Cool</i>
<b>William Bennett Luke Vizcarra</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition J1030B 459</b>	<i>Mega Wiper</i>
<b>Giovanni Galan Erick Campos Adam Medrano</b>	Bell Gardens Intermediate School	<b>Recognition J1017B 519</b>	<i>Grip 'N Go</i>
<b>Georgia Avakian Karen Ter-Arsenyan</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition J1011B 543</b>	<i>Electricity Generating Wind Turbine</i>
<b>David Melkonyan</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition J1029B 545</b>	<i>Houston, We Found a Solution</i>
<b>Davit Abgaryan Arthur Hekimyan</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition J1001B 546</b>	<i>Making a cold plasma generator and testing its affect on plants.</i>
<b>aj brussovansky</b>	St. Martin of Tours School	<b>Recognition J1008B 577</b>	<i>How does the shape of paracheut effect the velocity</i>
<b>Kaylee Pineda Shelby Baez</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition J1023B 585</b>	<i>Frontview Reflection</i>
<b>Patil Avedikian Inesa Barseghyan Emily Sinanyan</b>	Armenian Sisters Academy	<b>Recognition J1004B 588</b>	<i>Search and Rescue Robot</i>
<b>George Ghazal</b>	Saint Gregory A & M Hovsepian School	<b>Recognition J1013B 595</b>	<i>Is It Just Me Or Driving Itself?</i>
<b>Zara Khan</b>	Institute of Knowledge Middle School	<b>Recognition J1031B 618</b>	<i>Encrypt with a Click! Exploring the Potential of a Caesar Ciper for Secure Data Transmission</i>
<b>Alex Keloyan</b>	Saint Gregory A & M Hovsepian School	<b>Recognition J1018B 659</b>	<i>Solar Power Desalination</i>
<b>Oriel Malichi</b>	Lashon Academy	<b>Recognition J1019B 747</b>	<i>Solar Powered Drones</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Jude Entabi</b>	New Horizon School Pasadena	<b>Recognition</b> <b>J1002B</b> 784	<i>Designing a Solar Powered Desalination System</i>
<b>Sabrina Baligh</b>	New Horizon School Pasadena	<b>Recognition</b> <b>J1005B</b> 792	<i>Designing an Automatic Irrigation System</i>
<b>ENGINEERING APPLICATIONS - SR - A S08A</b>			
<b>Anish Anand</b>	Palos Verdes Peninsula High School	<b>First Place</b> <b>S0811A</b> 329	<i>A Novel Wireless Charging System for IMDs Using 2.4GHz EM waves</i>
<b>Xingtong Zou</b>	The Webb Schools	<b>Second Place</b> <b>S0807A</b> 326	<i>FBCOT: Ferromagnetic Bionic Climbing Orb with Tape Measure</i>
<b>Jason Lee Benjamin Peters</b>	Palos Verdes High School	<b>Third Place</b> <b>S0809A</b> 607	<i>Analyzing Human Gait Using iPhone Camera and Marker-Based Motion Tracking</i>
<b>Evan Friedman</b>	West Ranch High School	<b>Honorable Mention</b> <b>S0806A</b> 55	<i>Wing Expansion Aircraft (W.E.A/S)</i>
<b>Rachel Lee</b>	Palos Verdes Peninsula High School	<b>Honorable Mention</b> <b>S0812A</b> 247	<i>A Novel CAD-Based Self- Ligating Orthodontic System for Frictional Force Reduction</i>
<b>Carie Chen Carol Chen</b>	Arcadia High School	<b>Recognition</b> <b>S0804A</b> 11	<i>meloSign</i>
<b>Evelyn Kruger Shahrazad Dardashti</b>	Beverly Hills High School	<b>Recognition</b> <b>S0803A</b> 39	<i>Capturing Carbon</i>
<b>Edward Ghazarian Avedis Ghazarian</b>	AESA STEM Academy	<b>Recognition</b> <b>S0814A</b> 103	<i>Optimal Performances of DJI Air 3S</i>
<b>George Petrosian Christopher Budagyan Raffi Karakouzian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition</b> <b>S0808A</b> 188	<i>Aquassist</i>
<b>Khloe Alvarez</b>	Pioneer High School	<b>Recognition</b> <b>S0818A</b> 424	<i>Paw-Some dispenser</i>
<b>Zhao Karson</b>	La Salle College Preparatory	<b>Recognition</b> <b>S0805A</b> 426	<i>Semi-Conductor Irrigation object Detection and Segmentation</i>
<b>Hailey Rodriguez-Garcia Camila Aguilar</b>	Pomona Unified School District Senior Division	<b>Recognition</b> <b>S0820A</b> 532	<i>infinity well</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Aydan Gonzalez Gavin Sarmiento</b>	California Academy of Math and Science	<b>Recognition S0801A</b> 666	<i>PackagePatrol: An Arduino-Powered Smart Security System for Preventing Package Theft</i>
<b>Pranav Kunderu</b>	Chatsworth Charter High School & G+STEAM Magnet Center	<b>Recognition S0802A</b> 707	<i>OncoGuide AR: Enhancing Tumor Margin Visualization and Precision in Oncology Surgery through Augmented Reality</i>
<b>Yanar Akoshali Akoshali</b>	Quba Islamic School - Senior	<b>Recognition S0810A</b> 723	<i>What is the most effective and efficient rocket fuel?</i>
<b>Andrew Dilanian Cristoff Topalian Vartan Tashtchian</b>	Holy Martyrs Ferrahian School (Senior Division)	<b>Recognition S0819A</b> 850	<i>MHD Thruster</i>
<b>ENGINEERING APPLICATIONS - SR - B S08B</b>			
<b>Cavon Hajimiri</b>	Polytechnic School	<b>First Place S0818B</b> 172	<i>A Wearable Low-Cost Radar-Based Early Warning System for Pedestrians</i>
<b>Hollie Tang</b>	Glen A. Wilson High School	<b>Second Place S0802B</b> 315	<i>Tonguage: A Novel Non-invasive Human-Machine Interaction Language System for Individuals with Mobility Impairments</i>
<b>Yiwen Cheng</b>	Harvard-Westlake School (Senior Division)	<b>Third Place S0813B</b> 14	<i>Enhancing Rehabilitation through Assistive Robotics: Vision-Based AI for Intelligent Walking Support in Lower Limb Disabilities</i>
<b>Ellis Kopcho Gideon Schneider</b>	Sequoayah High School	<b>Honorable Mention S0810B</b> 131	<i>Development of Ablative 3D-Printed Heat Shield Materials for High-Temperature Applications</i>
<b>Akanksha Biju</b>	Arcadia High School	<b>Honorable Mention S0817B</b> 493	<i>SLEAPing with Zebrafish: Decoding Brain Activity with AI</i>
<b>Zhihao Zheng</b>	Chadwick School	<b>Honorable Mention S0806B</b> 683	<i>The Efficacy of Hexapedal robotics in Search and Rescue Operations</i>
<b>Andy Medina</b>	Verdugo Hills High School	<b>Recognition S0814B</b> 5	<i>Running Shoes: Artificially Made To Change Our Biomechanics</i>
<b>Chana Fink</b>	Palisades Charter High School	<b>Recognition S0809B</b> 17	<i>Point-of-care Detection of Tick-Borne Diseases Using a Multiplexed Paper-based Sensor</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Sophia Vasquez</b>	Verdugo Hills High School	<b>Recognition</b> <b>S0803B</b> 108	<i>AquaWatch: Artificial Intelligence in Pool Surveillance</i>
<b>Stephany Gutierrez</b>	Verdugo Hills High School	<b>Recognition</b> <b>S0804B</b> 133	<i>SWISH: A desalination device</i>
<b>Charley Zhang</b>	The Webb Schools	<b>Recognition</b> <b>S0808B</b> 236	<i>Evaluation of Momentum and Energy Storage of Variable Inertia Flywheels</i>
<b>Evan Girard-Sun</b>	Arcadia High School	<b>Recognition</b> <b>S0805B</b> 385	<i>FireWatch</i>
<b>Daryanary Calero</b>	Pioneer High School	<b>Recognition</b> <b>S0819B</b> 429	<i>Designing Windmill Blades to Produce More Electricity</i>
<b>Kevin Wang</b>	Chadwick School	<b>Recognition</b> <b>S0816B</b> 430	<i>Quadrupedal Underwater Robot</i>
<b>Moses Kaplan</b>	North Hollywood High School	<b>Recognition</b> <b>S0811B</b> 601	<i>CREATION OF AN ELECTRIC WATER FILTER/HEATER FOR THE PURIFICATION AND USE OF LOS ANGELES RIVER WATER</i>
<b>Geoffrey Valdez Agustin Moran</b>	St. Francis High School	<b>Recognition</b> <b>S0801B</b> 696	<i>Using a Carbon Dioxide Absorption and Reuse System to Reduce the Greenhouse Gases in Earth's Atmosphere</i>
<b>Aadi Jain Kevin Matsumoto Matthew Yang</b>	California Academy of Math and Science	<b>Recognition</b> <b>S0807B</b> 701	<i>Optimizing Generator Efficiency Using Magnetic Levitation</i>
<b>Claire Buda</b>	Crescenta Valley High School	<b>Recognition</b> <b>S0815B</b> 741	<i>Analyzing the Effect of Hypertension on the Stability of Atherosclerotic Plaque</i>
<b>Tanvi Enaganti Preet Salh</b>	Granada Hills Charter High School.	<b>Recognition</b> <b>S0812B</b> 754	<i>A pH Responsive Band-aid: Early infection Detection Through Wound pH Changes</i>
<b>ENGINEERING RESEARCH - JR J11</b>			
<b>Liliana Ponnezhan</b>	Stratford School-Altadena, CA	<b>First Place</b> <b>J1103</b> 525	<i>Can AI Align With Human Ideas?</i>
<b>Mila Interiano</b>	Sierra Madre Middle School	<b>Second Place</b> <b>J1109</b> 699	<i>Too hot to Handle: Space Exploration</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Austin Escandon</b>	Pomona Unified School District Junior Division	<b>Third Place</b> J1104 120	<i>Guided by the Light</i>
<b>Owen Wojdowski</b>	Walter Reed Middle School	<b>Third Place</b> J1105 305	<i>Cury Conundrum</i>
<b>Andres Santos</b>	Pomona Unified School District Junior Division	<b>Honorable Mention</b> J1120 118	<i>Breaking Under Pressure</i>
<b>Aaron Chiou</b>	New West Charter Middle School	<b>Honorable Mention</b> J1102 509	<i>Creating a Ionic Wind Thruster Design for a Space Centrifuge</i>
<b>Hunter Yau Qi-Wei Zhu</b>	Ridgecrest Intermediate School	<b>Honorable Mention</b> J1119 624	<i>Evaluating the Accuracy of Blender's Physics Engine: A Comparative Analysis of Real-World and Simulated Experiments</i>
<b>Audrey Rosenfeld Suri Dardashti Layla Jezzini</b>	Beverly Vista Middle School	<b>Recognition</b> J1101 51	<i>Allergy Alert</i>
<b>Diego Scott</b>	Pomona Unified School District Junior Division	<b>Recognition</b> J1111 115	<i>Harassing Light A Truly Bright Project</i>
<b>Matthew Coleman Baris Gulhan Ethan Cruz</b>	Pomona Unified School District Junior Division	<b>Recognition</b> J1115 116	<i>Smart Robots for a Smarter Future</i>
<b>Connell Kim</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition</b> J1116 162	<i>The Semi-Perpetual Electromagnetically Powered Boat</i>
<b>Sophia Abramyan Marina Gevorkyan Lara Margaryan</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition</b> J1106 311	<i>Underwater Cleaning Robot</i>
<b>Logan Chiou</b>	0 to1 Education Academy	<b>Recognition</b> J1112 344	<i>CaliFlare -</i>
<b>Sara Schneider Arpi Hoxhikyan</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition</b> J1114 542	<i>AI Pneumonia Diagnosis</i>
<b>Hao Lin Zhang</b>	Ross Academy of Creative and Media Arts Middle School	<b>Recognition</b> J1107 606	<i>The engineering behind robotic arms</i>
<b>Justin Chiu</b>	Sierra Madre Middle School	<b>Recognition</b> J1110 638	<i>Can improvised tourniquets work as well as real ones?</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>LANA DEMIRJIAN</b>	Saint Gregory A & M Hovsepien School	<b>Recognition</b> J1113 655	<i>Which Material Blocks WiFi Signal Best?</i>
<b>Liam Sacino</b>	Incarnation Parish School	<b>Recognition</b> J1121 658	<i>The weight of the world</i>
<b>Christian Ghazarian</b>	Armenian Sisters Academy	<b>Recognition</b> J1117 710	<i>Infrastructure to Sustain Earthquakes</i>
<b>Cesar Carrillo</b>	Lashon Academy	<b>Recognition</b> J1118 761	<i>Does the Number of Blades On a Wind Turbine Increase the Volts Generated?</i>
<b>ENGINEERING RESEARCH - SR S09</b>			
<b>Mingfei Xu</b>	South Pasadena High School	<b>First Place</b> S0905 21	<i>Multi - Directional and mode oscillation energy collectors with cross double branch beams design</i>
<b>Jihyoung Park</b>	Crescenta Valley High School	<b>Second Place</b> S0914 328	<i>Comparative study of polyethylene glycol and calcium carbonate on the properties of biodegradable plastics</i>
<b>Jerry Ku</b>	Diamond Bar High School	<b>Third Place</b> S0911 7	<i>TrackTrail</i>
<b>Ananya Balaji</b>	Palos Verdes High School	<b>Third Place</b> S0901 349	<i>AssisTech: A Novel Device to Facilitate Elders' Adaptation of Technology</i>
<b>Aaron Shenn</b>	Temple City High School	<b>Honorable Mention</b> S0916 613	<i>Dynamic Threat Adaptation: Using Reinforcement Learning to Simulate Active Shooter Behavior in School Environments</i>
<b>Adam Naseer</b>	Institute of Knowledge High School	<b>Honorable Mention</b> S0906 615	<i>Breathe Easy: Intelligent Air Filtration Systems for Enhanced Indoor Air Quality</i>
<b>Lance Gonzalez Ethan Chantanusart Ryan Shen</b>	St. Francis High School	<b>Honorable Mention</b> S0908 626	<i>Geoengineering for Mars: Utilizing Dyson Spheres and Solar Reflectors for Terraforming</i>
<b>Adrian De Leon Angel Merino Eduardo Iopez-Martinez</b>	Pomona Unified School District Senior Division	<b>Recognition</b> S0915 124	<i>Wind Turbines</i>



## 2025 Los Angeles County Science Fair Category Winners

<b>Ethan Zhang</b>	Prestige STEM Academy (Senior Division)	<b>Recognition</b> <b>S0913</b> 145	<i>Disease Risk Estimation and Diagnostics with Artificial Intelligence</i>
<b>Roisin Pyne Kayleigh Gillette</b>	Saint Anthony High School	<b>Recognition</b> <b>S0912</b> 377	<i>Sustainable Living</i>
<b>Rylan Chau</b>	Temple City High School	<b>Recognition</b> <b>S0917</b> 382	<i>Comparing the Efficiency of Voltage Multipliers</i>
<b>Alexander Ananian Salik Mian</b>	Chatsworth Charter High School & G+STEAM Magnet Center	<b>Recognition</b> <b>S0902</b> 652	<i>An Analysis of the Effectiveness of Particle Swarm Optimization in Airfoil Design</i>
<b>Ansh Singh Frank Trieu</b>	Chatsworth Charter High School & G+STEAM Magnet Center	<b>Recognition</b> <b>S0910</b> 663	<i>Celestial Intelligence</i>
<b>Junhyeok Jung Andrew Choi Jayden Lim</b>	California Academy of Math and Science	<b>Recognition</b> <b>S0903</b> 689	<i>Creating a Design that Removes/Reduces the Cavitation Effect on Propellers to Increase Energy Efficiency.</i>
<b>Arsalan Khan</b>	Golden Valley High School	<b>Recognition</b> <b>S0909</b> 771	<i>Comparing Geometries of VAWT</i>
<b>Theodore Demetriades</b>	Kairos Prep Academy	<b>Recognition</b> <b>S0904</b> 802	<i>NanoMaxPioneering a New Age of Ultra-Lightweight, High-Strength Materials and Their Multifaceted Applications</i>
<b>Dominic Bernal Anthony Romo</b>	USC East College Prep	<b>Recognition</b> <b>S0907</b> 851	<i>Cost-efficient Tiny Rotating Home</i>
<b>ENVIRONMENTAL MANAGEMENT - JR J12</b>			
<b>Anish Uvaraj</b>	Oak Hills Elementary	<b>First Place</b> <b>J1215</b> 688	<i>Smoke Precipitator</i>
<b>Jacqueline Grigoryants</b>	La Canada Preparatory	<b>Second Place</b> <b>J1223</b> 641	<i>The Toxic Price of Beauty</i>
<b>Aylin Wang</b>	New Horizon School Pasadena	<b>Third Place</b> <b>J1227</b> 797	<i>Mitigating Water Pollution Through the Use of Aquatic Plants in Phytoremediation</i>
<b>Yumna Kazi</b>	AlHuda Islamic School	<b>Honorable Mention</b> <b>J1210</b> 72	<i>Heat it up! Sustainable Water Heating for Underprivileged Communities.</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Jackson Albert</b>	Brentwood School (Junior Division)	<b>Honorable Mention</b> <b>J1206</b> 149	<i>Combatting Harmful Algae Bloom (HABs) with the Most Efficient Algaecides</i>
<b>Yuri Song</b>	The Archer School For Girls (Middle School)	<b>Honorable Mention</b> <b>J1217</b> 391	<i>A Pouch Full of Microplastic in Condiment Packets?</i>
<b>Andrew Tu Arianna McCraw</b>	Miraleste Intermediate School	<b>Honorable Mention</b> <b>J1201</b> 644	<i>The Absence of Human Pollution</i>
<b>Luca Henry Max Denicke</b>	St. Timothy	<b>Honorable Mention</b> <b>J1221</b> 780	<i>H20h, So Clean!</i>
<b>Layla Lyon</b>	New Horizon School Pasadena	<b>Honorable Mention</b> <b>J1202</b> 790	<i>Utilizing Aquatic Plants to Combat the Effects of Ocean Acidity on Coral</i>
<b>Sebastien Keusayan</b>	Chamlan Armenian School	<b>Honorable Mention</b> <b>J1225</b> 829	<i>How Temperature Affects The Output Of A Solar Panel</i>
<b>Jubilee Anokwute</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Recognition</b> <b>J1219</b> 48	<i>Disaster Resolve</i>
<b>Keya Gosar</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> <b>J1211</b> 228	<i>Which Natural Soil Amendment Restores Degraded Soil Most Efficiently?</i>
<b>Andrew Kim</b>	Walter Reed Middle School	<b>Recognition</b> <b>J1228</b> 288	<i>Grow With the Flow</i>
<b>Grace Furberg</b>	Portola Highly Gifted Magnet	<b>Recognition</b> <b>J1220</b> 291	<i>From Scraps to Sheets: An eco- friendly way of making paper</i>
<b>Artin Pedram Lucas Broitman Jian Jung</b>	Beverly Vista Middle School	<b>Recognition</b> <b>J1207</b> 374	<i>What is the most stable wood type?</i>
<b>Anika Muley Jasmine Araujo</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition</b> <b>J1226</b> 378	<i>Mask Up!</i>
<b>Chana Bodner</b>	Rabbi Jacob Pressman Academy	<b>Recognition</b> <b>J1208</b> 471	<i>Bright Ideas</i>
<b>Ella Ayvazyan</b>	Stratford School-Altadena, CA	<b>Recognition</b> <b>J1229</b> 514	<i>Analyzing water samples from different cities</i>
<b>Samantha Rodriguez Makayla Chung</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition</b> <b>J1216</b> 522	<i>Bio-Plastic</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Gabiella Aleksanyan Bella Terzian</b>	Armenian Sisters Academy	<b>Recognition J1218</b> 523	<i>Fruit Ripening with Ethylene Gas</i>
<b>Sam Waterman</b>	St. Martin of Tours School	<b>Recognition J1230</b> 556	<i>Can Your Spoon Save the Environment</i>
<b>Vendela Harris</b>	St. Martin of Tours School	<b>Recognition J1203</b> 557	<i>Swedish Dishcloths vs. Paper Towels</i>
<b>Ellie Baum</b>	Walter Reed Middle School	<b>Recognition J1212</b> 571	<i>Solar Ovens A Real Light Saver</i>
<b>Sophia Duzich Alexis Jang</b>	Miraleste Intermediate School	<b>Recognition J1209</b> 642	<i>The Impact of Micro-plastics in and Ecosystem</i>
<b>Vivek Arunachalam</b>	ROSEMONT MIDDLE SCHOOL	<b>Recognition J1205</b> 671	<i>Eco-Friendly and Economical way to Remove Oil Spills from the Ocean</i>
<b>Tvisha Premjith</b>	Rancho Pico Junior High School	<b>Recognition J1222</b> 680	<i>Your Stuff, Your Footprint: Understanding the Environmental Impact of Our Choices</i>
<b>Lauren Chin</b>	Ridgecrest Intermediate School	<b>Recognition J1213</b> 687	<i>Development of a Predictive Model for Landslide Detection</i>
<b>Leah Hu</b>	Mark Twain Middle School	<b>Recognition J1214</b> 762	<i>Amount of Water in Ounces by Conservation</i>
<b>Meena Pennington</b>	St. Timothy	<b>Recognition J1224</b> 819	<i>Water Tech</i>
<b>ENVIRONMENTAL MANAGEMENT - SR S10</b>			
<b>Neil Hu</b>	Temple City High School	<b>First Place S1009</b> 220	<i>Pioneering Ultrafine Particle Prevention Technology in Internal Combustion Engine Vehicles: Investigating the Pressure Release Valve</i>
<b>Kelly Zhang</b>	Polytechnic School	<b>Second Place S1008</b> 218	<i>Sentinel-2 Image Classification of Mangrove Population Density after Cyclone Amphan to Determine Community Vulnerability in the Sundarbans</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Neha Agrawal</b>	Gretchen Whitney High School	<b>Third Place</b> <b>S1023</b> 513	<i>A Sticky Solution to Polystyrene Pollution: Determining Properties of Polystyrene Adhesive When Dissolved in Different Ratios of D-Limonene to Acetone</i>
<b>Nahum Cho</b>	Cabrillo Marine Aquarium	<b>Honorable Mention</b> <b>S1001</b> 52	<i>Algae Testing: Which species of marine algae is best at sequestering ammonia (Nannochloropsis, Isochrysis, or Tetraselmis)?</i>
<b>Lila Taheri</b>	Brentwood School (Senior Division)	<b>Honorable Mention</b> <b>S1005</b> 146	<i>Pollution Effect on Skin Health Aging, and Lifespan</i>
<b>Angelina Lin</b>	Brentwood School (Senior Division)	<b>Honorable Mention</b> <b>S1007</b> 215	<i>Algae NanoTextiles: Degradation of the Sustainable and Versatile Alginate-based Textile Infused With Nanotechnologies</i>
<b>Sami Saab Nico Kim</b>	Palos Verdes High School	<b>Honorable Mention</b> <b>S1017</b> 409	<i>Enhancing Rice-Starch Bioplastics with Delphinidin and Iron Oxide Nanoparticles for Biodegradation and Food Preservation</i>
<b>Wyatt Newbill Reese Zhang Charlotte Fan</b>	Mira Costa High School	<b>Honorable Mention</b> <b>S1028</b> 697	<i>Terreus</i>
<b>Jenna Nouri</b>	Sequoyah High School	<b>Recognition</b> <b>S1002</b> 107	<i>Magnetism and It's Effects On Garden Cress</i>
<b>Jessica Lipshutz</b>	Brentwood School (Senior Division)	<b>Recognition</b> <b>S1003</b> 136	<i>Buoyant Sustenance: Floating Farms for Environmental Refugees</i>
<b>Amelie Barajas</b>	Sequoyah High School	<b>Recognition</b> <b>S1004</b> 139	<i>A Meta-Analysis of Artificial Coral Reef Success: Ecological Impact, Biodiversity, and Reef Restoration Effectiveness</i>
<b>Ella Soh</b>	Crescenta Valley High School	<b>Recognition</b> <b>S1010</b> 241	<i>Creating a Sustainable Packaging Material: Testing Mung Bean Starch Biofoam</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Esther Park Stephen Jung</b>	Crescenta Valley High School	<b>Recognition S1011</b> 256	<i>Evaluating the Effectiveness of Buffer Strips in Preventing Blue-Green Algae Blooms</i>
<b>Annie Han</b>	Valencia High School	<b>Recognition S1012</b> 268	<i>Development of the Nile-Dead Sea Reservoir, Composite-Concrete Water Pipeline, and Immersed Tunnels for Water and Vehicle Transfer</i>
<b>Anant Arora</b>	North High	<b>Recognition S1013</b> 270	<i>TerraGuard: An AI Enhanced Self-Powered, Climate Adaptable Wildfire Sensor</i>
<b>Daniel Son</b>	Gretchen Whitney High School	<b>Recognition S1014</b> 280	<i>Optimizing Soil Moisture Retention: Evaluating the Effectiveness of Different Mulch Materials Under California Temperature and Humidity Conditions</i>
<b>Juhl Ocampo</b>	Saint Anthony High School	<b>Recognition S1015</b> 302	<i>Aloe Vera A Viable Option for a Food Coating</i>
<b>Rahil Mamujee Mark Abdou</b>	Crescenta Valley High School	<b>Recognition S1016</b> 337	<i>Mitigating Hydrophobicity in Post-wildfire Soil</i>
<b>Juan Castro</b>	Pioneer High School	<b>Recognition S1018</b> 423	<i>Aquatron: A Novel Autonomous Microplastics and Oil Capturing Device Using Innovative Seaweed Gel</i>
<b>Matthew James Joaquin Coreas</b>	Saint Anthony High School	<b>Recognition S1019</b> 473	<i>The Effects of Fertilizer Run-off</i>
<b>Haley Han</b>	Temple City High School	<b>Recognition S1021</b> 508	<i>Tied to Waste: Unraveling the Environmental Impact of Hair Ties and Exploring Sustainable Solutions</i>
<b>Ruka Ito Logan Kim Nicholas Jardin</b>	Palos Verdes High School	<b>Recognition S1022</b> 512	<i>Mitigating Anthropogenic Eutrophication: Extraction of Synthetic Fertilizer Compounds using Electrodialysis</i>
<b>Angel Hernandez</b>	Schurr High School	<b>Recognition S1024</b> 553	<i>Kelp Filtering Water</i>
<b>Christian Lee Kyle Werner Jeremiah Martinez</b>	St. Francis High School	<b>Recognition S1025</b> 657	<i>How Renewable Energy Impacts Greenhouse Gas Emissions</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Kshitij Purani Grigori Ananian</b>	Chatsworth Charter High School & G+STEAM Magnet Center	<b>Recognition S1026</b> 664	<i>Integrating Vanadium Flow Based Microgrid into Digital Agriculture Frameworks</i>
<b>Qinxian Zhu</b>	Mira Costa High School	<b>Recognition S1027</b> 673	<i>Conducted visual analyses and developed models to predict the relationship between CO2 and raising carbon emissions</i>
<b>Leon Hairabedian Vrej Movsessian Raffi Garabedian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition S1029</b> 733	<i>Reducing CO2 to Reduce The Impact On Global Warming</i>
<b>Alique Bardakian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition S1030</b> 742	<i>Eggstinguishing Flames</i>
<b>David Charchian Harry Charchian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition S1031</b> 748	<i>Degradation Of Biodegradable Plastics</i>
<b>William Mohkami</b>	Golden Valley High School	<b>Recognition S1032</b> 788	<i>Park water Ph test</i>
<b>Yusuf Peerzay</b>	Quba Islamic School - Senior	<b>Recognition S1033</b> 836	<i>Banana and Orange Bioplastic</i>
<b>MATERIALS SCIENCE - JR J13</b>			
<b>Jackson Rutner</b>	Science Academy STEM Magnet (Junior Division)	<b>First Place J1307</b> 178	<i>Seeing Stress</i>
<b>Jeron Leonard Atharva Shimpi</b>	Science Academy STEM Magnet (Junior Division)	<b>Second Place J1306</b> 176	<i>Making Different Types Filaments from recycled Plastics to reduce carbon footprints and Measuring their Properties</i>
<b>Olivia Ball</b>	Portola Highly Gifted Magnet	<b>Third Place J1321</b> 767	<i>Crystals and EMF</i>
<b>Zaina Khan</b>	New Horizon School Pasadena	<b>Third Place J1322</b> 798	<i>Making with Mycellium</i>
<b>Andrew Weller</b>	Chamlian Armenian School	<b>Honorable Mention J1323</b> 831	<i>How to Protect Electrical Power Poles in a Wildfire Event</i>
<b>Ashley Prudencio</b>	Magnolia Science Academy 6	<b>Recognition J1301</b> 25	<i>Power Up</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Adelle Pacheco</b>	Magnolia Science Academy 6	<b>Recognition</b> <b>J1302</b> 27	<i>Investigating the abilities of different motion sensors</i>
<b>Mina Kim</b>	Incarnation Parish School	<b>Recognition</b> <b>J1303</b> 66	<i>Coffee Fuel</i>
<b>Isla Araiza</b>	Pomona Unified School District Junior Division	<b>Recognition</b> <b>J1304</b> 113	<i>Absorbtion</i>
<b>Becca Finkelstein</b>	Science Academy STEM Magnet (Junior Division)	<b>Recognition</b> <b>J1305</b> 173	<i>Get Hooked: Crochet Stitches</i>
<b>Chase Heller</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> <b>J1308</b> 191	<i>Which Screen Protector Blocks The Most Blue light?</i>
<b>Elliot Goldman</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> <b>J1309</b> 192	<i>How Can the Impact of Electromagnetic Waves on Children's Developing Brains Be Reduced?</i>
<b>Brooke Laskar</b>	The Archer School For Girls (Middle School)	<b>Recognition</b> <b>J1310</b> 203	<i>Filter This: how we can build an easily accessible, functional filter.</i>
<b>Doyoun Park</b>	Walter Reed Middle School	<b>Recognition</b> <b>J1311</b> 283	<i>Moisture and Wood</i>
<b>Rowan Lamb</b>	New West Charter Middle School	<b>Recognition</b> <b>J1312</b> 316	<i>The Ultimate Ice Keeper</i>
<b>Carolina Hedayati Rad</b>	St. Cyril of Jerusalem School	<b>Recognition</b> <b>J1313</b> 319	<i>Don't Drag Me Down</i>
<b>Melody Robinson</b>	St. Timothy	<b>Recognition</b> <b>J1314</b> 350	<i>What Brand of Diapers Absorbs the Most Fluid?</i>
<b>Chaos Orellano</b>	New West Charter Middle School	<b>Recognition</b> <b>J1315</b> 485	<i>Does butter boil faster or slower in different types of milk?</i>
<b>Henry Hughes</b>	Sierra Madre Middle School	<b>Recognition</b> <b>J1317</b> 721	<i>What Material is Best for Soundproofing?</i>
<b>Summer Suico</b>	Ross Academy of Creative and Media Arts Middle School	<b>Recognition</b> <b>J1318</b> 732	<i>Bubble Catching</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Bellarose Miranda</b>	Lashon Academy	<b>Recognition</b> J1319 756	<i>Does the Type of Water Used to Cool Down a Soda Affect How Cool it is Going to Get?</i>
<b>Paola Lopez Galvan Kiara Nakada-Gantt</b>	Mark Twain Middle School	<b>Recognition</b> J1320 763	<i>Which Slime Temperature is better</i>
<b>MATHEMATICS &amp; COMPUTER SCIENCES - JR J14</b>			
<b>Stephen Rodriguez</b>	Portola Highly Gifted Magnet	<b>First Place</b> J1406 334	<i>Cellular Automata Traffic Simulator</i>
<b>Kiana Avestimehr</b>	Ridgecrest Intermediate School	<b>Second Place</b> J1410 376	<i>Human-GPT: Bringing Consciousness and Cultural Understanding into AI</i>
<b>Adhiraj De</b>	Rancho Pico Junior High School	<b>Third Place</b> J1423 135	<i>AI vs. Cancer: Predicting Thyroid Recurrence Before It Strikes!</i>
<b>Avery Liu</b>	Brentwood School (Junior Division)	<b>Honorable Mention</b> J1417 154	<i>Project RuKaiKai - Leveraging Large Language Models for Preservation and Revitalization</i>
<b>Derrick Xie</b>	Ridgecrest Intermediate School	<b>Honorable Mention</b> J1402 335	<i>Using an Artificial Intelligence Agent to Play Tetris</i>
<b>Chinmay Kumar</b>	Rancho Pico Junior High School	<b>Honorable Mention</b> J1424 610	<i>Computer Vision Flame Detection</i>
<b>Corwin Carr</b>	Sierra Madre Middle School	<b>Honorable Mention</b> J1408 646	<i>Detecting Driver Drowsiness Using Computer Vision</i>
<b>Elise Sarmiento Savanna Dizon Chloe Shin</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition</b> J1409 45	<i>AquaGuard</i>
<b>Santino Cruz Jianna Chua</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Recognition</b> J1415 63	<i>Octopus learning: The Learning App for Students</i>
<b>Evan Weaver</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> J1403 160	<i>Can AI be Taught to Identify Guitar Chords from Images?</i>
<b>Ava Ferrer</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> J1401 169	<i>Can AI improve the quality of a student's work?</i>



## 2025 Los Angeles County Science Fair Category Winners

<b>Katherine Bennett</b>	Rudecinda Sepulveda Dodson middle school	<b>Recognition</b> <b>J1404</b> 222	<i>Underwater Alarm System</i>
<b>Avish Banerjee</b>	Madrona Middle School	<b>Recognition</b> <b>J1419</b> 224	<i>S.H.I.E.L.D ( Smart Hazard Intelligence for Early Landfire Detection)</i>
<b>Narinder Badhan Michael Wang Edward Wang</b>	Stratford School- Altadena, CA	<b>Recognition</b> <b>J1405</b> 244	<i>Best AI of 2025</i>
<b>William Hadi</b>	Walter Reed Middle School	<b>Recognition</b> <b>J1411</b> 281	<i>AI in the stock market</i>
<b>Liam Engelke</b>	Portola Highly Gifted Magnet	<b>Recognition</b> <b>J1418</b> 325	<i>The Reality of AI: Assessing Generative Engines for Accuracy and Complexity</i>
<b>Ethan Kao</b>	Palos Verdes Intermediate school	<b>Recognition</b> <b>J1422</b> 631	<i>Examining the Failure of Artificial Neural Networks to Detect Diverse Racial and Ethnic Groups</i>
<b>Andrew Sachs</b>	Palos Verdes Intermediate school	<b>Recognition</b> <b>J1413</b> 643	<i>Deep Learning for Early Lung Cancer Detection</i>
<b>Dylan Mejia</b>	Lashon Academy	<b>Recognition</b> <b>J1421</b> 720	<i>Ai translator</i>
<b>Henry Hornsby</b>	New Roads Middle School	<b>Recognition</b> <b>J1425</b> 795	<i>Is Your Computer Safe?</i>
<b>Laszlo Lin Adi Roy Eyoel Jonathan</b>	New Roads Middle School	<b>Recognition</b> <b>J1407</b> 800	<i>Data Breach</i>
<b>Zachary Amirian</b>	Chamlan Armenian School	<b>Recognition</b> <b>J1416</b> 820	<i>How Many Stud Blocks Does it Take to Crash Roblox?</i>
<b>Ibrahim Sabah</b>	Rudecinda Sepulveda Dodson middle school	<b>Recognition</b> <b>J1420</b> 823	<i>AI Study Buddy</i>
<b>MATHEMATICS &amp; COMPUTER SCIENCES - SR S11</b>			
<b>Yanjun Chen</b>	Palos Verdes Peninsula High School	<b>First Place</b> <b>S1124</b> 249	<i>Integrating Oral Squamous Cell Carcinoma Diagnostics: A Regression- driven AI Framework for Biomarker Discovery</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>David Park</b>	Campbell Hall School	<b>Second Place</b> S1117 109	<i>An Improved Model of Stock Price Estimation Using Stochastic Processes</i>
<b>Henry Huang</b>	Palos Verdes Peninsula High School	<b>Third Place</b> S1125 234	<i>Navigating Parameter Space: Mitigating Catastrophic Forgetting in Continual Learning</i>
<b>John Tian</b>	Mira Costa High School	<b>Third Place</b> S1105 598	<i>BlindSee: A Computer Vision Platform for Enhanced Environmental Perception in Visually Impaired Individuals</i>
<b>Andrew Jo</b>	Harvard-Westlake School (Senior Division)	<b>Honorable Mention</b> S1122 619	<i>Application of Graph Neural Networks and Slime Mold Model for Optimization and Design of Modern Subway Systems</i>
<b>Hao Lin</b>	Mira Costa High School	<b>Honorable Mention</b> S1127 714	<i>Integrating Reinforcement Learning Techniques for Enhanced HVAC Control in Dynamic Environments</i>
<b>Xavier Rowe</b>	Science Academy STEM Magnet (Senior Division)	<b>Recognition</b> S1121 15	<i>Analyzing NBA Rotations using Shapely Values.</i>
<b>Geoffrey Shi</b>	West Ranch High School	<b>Recognition</b> S1114 42	<i>Temperature Forecast in Santa Clarita Valley Using Machine Learning Method</i>
<b>Gautham Korrapati</b>	Academy of the Canyons Middle College High School	<b>Recognition</b> S1103 56	<i>Descaling Autonomous Vehicle Visual Perception with Discrete Ricci Flow and Prototyped on an RC Car</i>
<b>Yitzel Gutierrez Miranda Flores Olivia Gallo</b>	Schurr High School	<b>Recognition</b> S1110 61	<i>Schurr Community App</i>
<b>Jiaheng Li</b>	Arcadia High School	<b>Recognition</b> S1130 62	<i>Improving Surgical Tool Segmentation Model's Robustness via GAN-based Augmentation and Diffusion Models</i>
<b>Qingcheng Yang</b>	Sequoyah High School	<b>Recognition</b> S1123 96	<i>Application of DISCOV on U-Net Detection of Skin Lesion Segmentation</i>
<b>Mitchell Liu</b>	Brentwood School (Senior Division)	<b>Recognition</b> S1106 151	<i>WoundCorder Apps: Utilize LIDAR Technology to Identify an Optimized Algorithm for Wound Volume Measurement.</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Braden Yian</b>	Palos Verdes Peninsula High School	<b>Recognition</b> <b>S1101</b> 257	<i>SplitSafe: A Novel Adversarial Attack Detection and Mitigation Technique for Artificial Intelligence Image Recognition Systems</i>
<b>Ruoli Bai</b>	Arcadia High School	<b>Recognition</b> <b>S1108</b> 266	<i>Quantum Cellular Automata and Groups</i>
<b>Shivam Aggarwal</b>	Academy of the Canyons Middle College High School	<b>Recognition</b> <b>S1113</b> 356	<i>Quantum-Enhanced AI</i>
<b>Jaden Park</b>	Harvard-Westlake School (Senior Division)	<b>Recognition</b> <b>S1126</b> 363	<i>AI-Powered Music Visualization: Machine Learning and Signal Processing for the Hearing Impaired</i>
<b>Isaac Sapire Aiden Rav-Noy</b>	Science Academy STEM Magnet (Senior Division)	<b>Recognition</b> <b>S1112</b> 380	<i>Using Deep Neural Networks to Predict Stock Prices and Trading Moves</i>
<b>Alicia Fei</b>	Mira Costa High School	<b>Recognition</b> <b>S1104</b> 411	<i>ParkinPower</i>
<b>Shiqing Luo</b>	Flintridge Preparatory School	<b>Recognition</b> <b>S1131</b> 434	<i>A Study on Autonomous Robot Navigation in Dynamic Environments Utilizing Reinforcement Learning</i>
<b>Nathaniel Zara Jaiden Nwabuzor Alejandro Fonseca</b>	California Academy of Math and Science	<b>Recognition</b> <b>S1128</b> 486	<i>Virtual Reality Creative Art Exhibit</i>
<b>Sudipta Barua</b>	California Academy of Math and Science	<b>Recognition</b> <b>S1129</b> 505	<i>Hypertension Risk Prediction Within Minorities: Combining Random Forest and GPT with Socio-Medical Data</i>
<b>Ziv Landau</b>	Calabasas High School	<b>Recognition</b> <b>S1132</b> 640	<i>Enhancing Seizure Detection with Wearable Technology and Machine Learning</i>
<b>Neha Voodi Eliore Nourani</b>	El Camino Real Charter High School	<b>Recognition</b> <b>S1119</b> 651	<i>Integrative Machine Learning Framework for Predicting pKd in Protein-Protein Interactions: Implications for PCOS Therapeutics</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Sebastien Muñiz Lukas Ryan Sebastian Zimmerman</b>	California Academy of Math and Science	<b>Recognition</b> S1109 668	<i>Revolutionizing Communication: The Power of Socket Programming in Modern Networks</i>
<b>Chelsea Son</b>	California Academy of Math and Science	<b>Recognition</b> S1102 703	<i>Mole Analysis Using Machine Learning for Melanoma Detection</i>
<b>Joya Roy</b>	Harvard-Westlake School (Senior Division)	<b>Recognition</b> S1107 822	<i>New Computer Algorithm Identifies New RNA Aptamers for TDP-43 Aggregation Inhibition in Neurodegenerative Diseases</i>
<b>MICROBIOLOGY - JR J15</b>			
<b>Lyla Pinaud</b>	Portola Highly Gifted Magnet	<b>First Place</b> J1518 292	<i>Enhancing the Electricity Production of Shewanella Oneidensis in a Microbial Fuel Cell</i>
<b>Shay Iyer</b>	Miraleste Intermediate School	<b>Second Place</b> J1503 9	<i>Disinfection and reuse of disposable isolation PPE gowns in medical practice</i>
<b>Vinay Rao</b>	Sierra Madre Middle School	<b>Third Place</b> J1510 492	<i>Which Metal is Most Effective in Inhibiting Bacterial Growth?</i>
<b>Fadumo Musse</b>	AlHuda Islamic School	<b>Honorable Mention</b> J1506 87	<i>Will Bacteria Grow on the Scalp if Hair is Not Washed for 5 Days?</i>
<b>Sebastian Corman</b>	New West Charter Middle School	<b>Honorable Mention</b> J1514 480	<i>Effects of Heat on the Germination Rate and Morphology of Armillaria mellea</i>
<b>Haneefah Rahmani</b>	Quba Islamic School	<b>Honorable Mention</b> J1508 681	<i>Natural Home-Made Remedies with Antibacterial Properties Compared to Commercial Products</i>
<b>Helka Volkan-Kacso</b>	Sierra Madre Middle School	<b>Recognition</b> J1509 263	<i>Leech-Infested Lake: Safer to Drink than from a Stream?</i>
<b>Skylar Omega</b>	St. Cyril of Jerusalem School	<b>Recognition</b> J1513 318	<i>Hot or Not?</i>
<b>Sanvitha Kakularam</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> J1520 341	<i>Temperature vs. Tide: The Role of Heat in Coliform Bacteria Population in Marine Ecosystems</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Kanaiya Patel</b>	Ridgecrest Intermediate School	<b>Recognition</b> <b>J1512</b> 427	<i>Effects on Bacteria Growth from the Temperature, Humidity, and Surface Type</i>
<b>Luna Takatori Leela Dalal</b>	Ridgecrest Intermediate School	<b>Recognition</b> <b>J1502</b> 454	<i>Mold Attack!</i>
<b>Zoya Abyzov</b>	The Archer School For Girls (Middle School)	<b>Recognition</b> <b>J1517</b> 464	<i>Traditional remedy vs modern medicine</i>
<b>Michelle Markarian</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition</b> <b>J1519</b> 465	<i>Is the Gold in My Jewelry Real</i>
<b>Eshal Janjua</b>	Institute of Knowledge Middle School	<b>Recognition</b> <b>J1501</b> 572	<i>CRISPR - A Genetic Revolution Begins: Examining the Transformation Efficiency &amp; Survival Rates of CRISPR-Modified E. coli with Streptomycin Resistance</i>
<b>abdullah zafar Abed Abed</b>	Quba Islamic School	<b>Recognition</b> <b>J1505</b> 581	<i>Detecting Bacteria</i>
<b>Arek Salibian Narek Salibian</b>	Armenian Sisters Academy	<b>Recognition</b> <b>J1515</b> 584	<i>Pasteurization Process Comparison Between Various Forms of Dairy Products</i>
<b>Natalie Aloyan</b>	La Canada Preparatory	<b>Recognition</b> <b>J1516</b> 599	<i>MFC Powering the Future with Microbes</i>
<b>Jasper La Ochoa</b>	Mark Twain Middle School	<b>Recognition</b> <b>J1507</b> 806	<i>SCOBY Bryant Saves the Cows!</i>
<b>Ani Moussessiam</b>	Chamlian Armenian School	<b>Recognition</b> <b>J1504</b> 834	<i>Dirty Busniess?Should you be testing products at major beauty retail stores.</i>
<b>Skylar Hall</b>	St. Timothy	<b>Recognition</b> <b>J1521</b> 835	<i>Handle with care</i>

### MICROBIOLOGY - SR S12

<b>Chloe Chen</b>	Brentwood School (Senior Division)	<b>First Place</b> <b>S1216</b> 353	<i>The Power of Frequencies as a Treatment for Neurodegenerative Diseases: How do Sinusoidal Frequencies Impact Nematode Mutants Expressing ABeta1-42?</i>
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## 2025 Los Angeles County Science Fair Category Winners

<b>Manon Iwata</b>	Westridge School for Girls	<b>Second Place</b> S1214 54	<i>Assessing Optimal Concentrations of Prebiotics on Lactobacillus Crispatus Growth for Women's Health</i>
<b>Tanner Sakamoto</b>	Palos Verdes Peninsula High School	<b>Second Place</b> S1203 289	<i>Targeting Autophagy Mechanism in Candida albicans as a Novel Antifungal Strategy</i>
<b>Lexi Pang</b>	Crescenta Valley High School	<b>Honorable Mention</b> S1210 261	<i>Can Effective Microorganisms Turn Greywater from Gloom to Bloom?</i>
<b>Gaia Bhavsar</b>	The Archer School For Girls (High School)	<b>Honorable Mention</b> S1207 279	<i>Sweet Danger: How increased glucose levels impact the antibiotic resistance of Staphylococcus Epidermidis against Vancomycin, Cefazolin and Linezolid</i>
<b>Joshua Koretzky Jonathan Koretzky</b>	Palos Verdes High School	<b>Honorable Mention</b> S1209 330	<i>The effects of N-acyl homoserine lactones on SdiA-mediated Escherichia coli resilience in acidic conditions</i>
<b>Ethan Cheng Lucas Hutchins</b>	South Pasadena High School	<b>Recognition</b> S1213 41	<i>Interaction of Temperature and Nutrient Limitation on the Key Marine Nitrogen Fixing Cyanobacterium Trichodesmium Under Future Ocean Warming Scenarios</i>
<b>Caiyi Zhao</b>	Chadwick School	<b>Recognition</b> S1212 129	<i>Evaluation of a Novel Yeast-Based Assay for Accessible and Quantitative Screening of the Antifungal Efficacy of Commonly Searched Home Remedies</i>
<b>Connie Zhao</b>	Sequoyah High School	<b>Recognition</b> S1221 141	<i>Handwashing Under the Microscope: Which Method Combination is Most Effective?</i>
<b>Mia Yue</b>	Palos Verdes High School	<b>Recognition</b> S1215 248	<i>Effects of Antibiotic Switching on Staphylococcus epidermis Antibiotic Resistance</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Layla Negrin Sasha Capatori-Poole</b>	The Archer School For Girls (High School)	<b>Recognition S1218</b> 275	<i>Oxidative Sweetness: Sweetener's Role in Saccharomyces cerevisiae's Response to Oxidative Stress</i>
<b>Hannah DeMerit</b>	Flintridge Preparatory School	<b>Recognition S1202</b> 290	<i>Analyzing ApoE Endocytosis In Human Neurons</i>
<b>Avril Coba-Clementel Madelyn Montecillo</b>	Crescenta Valley High School	<b>Recognition S1204</b> 310	<i>Evaluating Bacterial Presence on TaeKwonDo Mats and Feet: A Study of the Effectiveness of Cleaning Products</i>
<b>Mikayla Tran</b>	La Salle College Preparatory	<b>Recognition S1220</b> 428	<i>Spilling the Tea: Effects of Green Teas on Probiotic Survivability in the Large Intestine</i>
<b>Tabitha Ramirez Makalie Pecina Paige Buchanan</b>	Pioneer High School	<b>Recognition S1205</b> 445	<i>Got Bacteria?</i>
<b>Haneef Rahman Ibrahim Elsayed</b>	Institute of Knowledge High School	<b>Recognition S1206</b> 515	<i>The Cellular Disconnect: Investigating the Impact of Electromagnetic Radiation on Cell Division</i>
<b>Arhum Mirza</b>	Institute of Knowledge High School	<b>Recognition S1211</b> 549	<i>Zap It! Plasma-Ozone Disinfection via Kirlian Imaging: A Novel Approach to Surface Sanitization</i>
<b>Sabrina Rifkin</b>	The Archer School For Girls (High School)	<b>Recognition S1219</b> 591	<i>The Spice Shield: Garlic, Ginger, and Turmeric's effect against E. Coli to harness the power of our natural resources</i>
<b>Hudson Jenq</b>	Polytechnic School	<b>Recognition S1201</b> 677	<i>Making an inexpensive assay capable of detecting methane production by microbes in compost</i>
<b>Aditya Kumar</b>	Don Bosco Technical Institute	<b>Recognition S1217</b> 695	<i>Edit, Repair, Evolve: CRISPR-Cas9 in Precision Gene Editing for Genetic Disease Therapeutics</i>
<b>Sophie Carlson</b>	Crescenta Valley High School	<b>Recognition S1208</b> 735	<i>Effectively Disinfecting Phone Pockets to Stave Off Disease</i>
<b>PHARMACOLOGY - JR J16</b>			
<b>Isabel Kromwyk</b>	The Archer School For Girls (Middle School)	<b>First Place J1602</b> 201	<i>Sleepless nights: How sleep deprivation impacts reproductive health.</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Beauden Torreflores</b>	Incarnation Parish School	<b>Second Place</b> J1601 327	<i>Could Nanosilver in Consumer Products Affect Pond Life?</i>
<b>Fatimah Alameddine</b>	Institute of Knowledge Middle School	<b>Honorable Mention</b> J1605 569	<i>Fast Track to Relief: Investigating Beverage Interactions with Acetaminophen Dissolution</i>
<b>Asiyah Safdari Fatimah Mounne</b>	AlHuda Islamic School	<b>Recognition</b> J1603 77	<i>OZEMPIC: THE MODERN WEIGHT LOSS DRUG</i>
<b>Regina Chae</b>	National Youth Community Center (Junior Division)	<b>Recognition</b> J1606 219	<i>Investigating Urolithin A for Aging and Cognitive Health in Drosophila</i>
<b>Danielle Ben Simon</b>	Lashon Academy	<b>Recognition</b> J1604 752	<i>Does the Type of Medication Affect How Quickly It Dissolves in the Stomach?</i>
<b>PHARMACOLOGY - SR S13</b>			
<b>Ilia Ghatei Adrian Pham</b>	El Camino Real Charter High School	<b>First Place</b> S1301 269	<i>PharmaGenesis: A novel drug discovery platform to design novel, bioactive, drug-like compounds on track to be the first FDA-approved drugs for CTNNB1.</i>
<b>Liwen Cheng</b>	Harvard-Westlake School (Senior Division)	<b>Second Place</b> S1302 90	<i>Structure-Based d-Peptide Alpha-Synuclein Inhibitor: Tackling Solubility, Specificity, and Bioavailability Challenges in Parkinson's Disease Therapy</i>
<b>Ella Tulloch</b>	Harvard-Westlake School (Senior Division)	<b>Third Place</b> S1305 503	<i>The Effects of Semaglutide on Addictive Behavior and Repair of Dopaminergic Function: Implications for Substance Abuse Disorders</i>
<b>Penny Smith</b>	Flintridge Preparatory School	<b>Honorable Mention</b> S1307 489	<i>The Effect of Oxybenzone on Aurelia Aurita Strobilation</i>
<b>Arundhathi Jathin</b>	Valencia High School	<b>Honorable Mention</b> S1309 675	<i>Computational Modeling of Tau Aggregation in Creutzfeldt-Jakob disease: Targeting Pathology for Drug Development and Therapeutic Interventions</i>



## 2025 Los Angeles County Science Fair Category Winners

<b>Ella Satterthwaite</b>	Chadwick School	<b>Recognition</b> <b>S1316</b> 102	<i>How Specific Binders Used to Develop Medication Impacts the Time the Drug Takes to Metabolize</i>
<b>Mishka Aswani</b>	Brentwood School (Senior Division)	<b>Recognition</b> <b>S1314</b> 163	<i>Frequencies on Mental Health</i>
<b>Catherine de los Reyes</b>	La Salle College Preparatory	<b>Recognition</b> <b>S1311</b> 167	<i>Effects of Digoxin in Inhibiting HepG2 Cell Proliferation</i>
<b>Leila Gheysar Kaili Tseng</b>	Palos Verdes Peninsula High School	<b>Recognition</b> <b>S1310</b> 221	<i>Bombyx mori Antimicrobial Peptides: A Novel and Sustainable Catalyst for Cancer Cell Growth Inhibition and Death</i>
<b>Sophie Herbert</b>	The Archer School For Girls (High School)	<b>Recognition</b> <b>S1319</b> 277	<i>Spicing Up Cancer Research: Reducing tumor growth in <i>Girardia tigrina</i> using <i>Curcuma longa</i>.</i>
<b>Josette White</b>	The Archer School For Girls (High School)	<b>Recognition</b> <b>S1303</b> 278	<i>From Carcinogen to Cure: Celecoxib's Role in Tumor Suppression in <i>Dugesia tigrina</i></i>
<b>Jocelyn Chiu</b>	La Salle College Preparatory	<b>Recognition</b> <b>S1318</b> 367	<i>Investigating the Efficacy of Repurposing FDA-Approved Drugs for Off-Label Cervical Cancer Treatment</i>
<b>Leana Zargarian</b>	Crescenta Valley High School	<b>Recognition</b> <b>S1313</b> 381	<i>Impact on Enamel from Microplastic Teeth Whitening Interactions</i>
<b>Finley Vincent</b>	The Archer School For Girls (High School)	<b>Recognition</b> <b>S1306</b> 435	<i>The Effects of EGCG and Urolithin A Treatment on Amyloid Plaques and Mitophagy in a <i>D. melanogaster</i> Model of Alzheimer's Disease</i>
<b>Jaya Srinivasan</b>	The Archer School For Girls (High School)	<b>Recognition</b> <b>S1315</b> 474	<i>Exploring PD connections: Effect of natural antibiotics compared to levodopa on basal slowing in <i>C. elegans</i></i>
<b>Skylar Roberts</b>	The Archer School For Girls (High School)	<b>Recognition</b> <b>S1304</b> 529	<i>Chronic caffeine exposure and its intergenerational effect on sleep and rest in <i>Drosophila melanogaster</i></i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Katia Thomas</b>	The Archer School For Girls (High School)	<b>Recognition</b> <b>S1312</b> 547	<i>Effects of Panax Ginseng on Mitochondrial Dysfunction in Saccharomyces cerevisiae; Implications for Cardiovascular and Autoimmune Disease.</i>
<b>Helen Tran</b>	Chadwick School	<b>Recognition</b> <b>S1317</b> 702	<i>Drug Toxicity Classification with Graph Attention Networks</i>
<b>Lilian Gu</b>	Arcadia High School	<b>Recognition</b> <b>S1308</b> 705	<i>The Impact of Chinese Oral Ulcer Medicine on Angiogenesis and Cell Migration During Wound Healing of HUVEC Cells.</i>

### PHYSICS - AERODYNAMICS/HYDRODYNAMICS - JR J17

<b>Ivan Scarlett-Ishutin</b>	Charles Evans Hughes Middle School	<b>First Place</b> <b>J1711</b> 751	<i>Optimizing Water Pressure</i>
<b>Abhinav Senthil Kumar</b>	Walter Reed Middle School	<b>Second Place</b> <b>J1705</b> 390	<i>Visco Sound- Dissecting the Secret of Viscosity and Sound Waves</i>
<b>Lola Pavilack</b>	Walter Reed Middle School	<b>Third Place</b> <b>J1708</b> 284	<i>The Speed of Surf</i>
<b>Aiden Martinez</b>	Magnolia Science Academy 6	<b>Recognition</b> <b>J1706</b> 28	<i>Which size propellers will make the drone fly the highest?</i>
<b>Eduardo Diaz Dominic Rames</b>	Magnolia Science Academy 6	<b>Recognition</b> <b>J1703</b> 30	<i>Effect of Boat Hull Design on Boat Velocity</i>
<b>Anays Didem Amet</b>	Magnolia Science Academy 6	<b>Recognition</b> <b>J1702</b> 46	<i>Taking Flight</i>
<b>Hadassah Hoffman</b>	Rabbi Jacob Pressman Academy	<b>Recognition</b> <b>J1707</b> 432	<i>This Science Fair Project is So Fly, Continued. A project about what makes a paper airplane fly best.</i>
<b>Phoenix Angeles</b>	Ross Academy of Creative and Media Arts Middle School	<b>Recognition</b> <b>J1704</b> 462	<i>Which Plane Could Travel Faster?</i>
<b>Gael Garcia Eli Meister Daniel Ortega</b>	Bell Gardens Intermediate School	<b>Recognition</b> <b>J1709</b> 567	<i>Air vs Helium</i>
<b>Hasan Arif</b>	New Horizon School Pasadena	<b>Recognition</b> <b>J1710</b> 783	<i>Testing Which Hydraulic Type Works Best and Showing How Microfluidics Work.</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Dylan Jones Ben Beck</b>	New Roads Middle School	<b>Recognition</b> J1701 796	<i>We All Live in a Yellow Submarine</i>
<b>PHYSICS - ELECTRICITY &amp; MAGNETISM - JR J18</b>			
<b>Anvith Uvaraj</b>	Oak Hills Elementary	<b>First Place</b> J1815 665	<i>Piezoelectric Roads</i>
<b>Dashel Dudkowski</b>	New West Charter Middle School	<b>Second Place</b> J1821 418	<i>What Windmill Blade Generates the Most Amount Of Electricity?</i>
<b>Vanya Samuelian Liana Garabedian</b>	Armenian Sisters Academy	<b>Third Place</b> J1803 574	<i>The Comparative Analysis Between Metal, Air and Saltwater as well as Silver Oxide Batteries</i>
<b>Saja Abdelrazig</b>	New Horizon School Pasadena	<b>Honorable Mention</b> J1808 776	<i>The Effect of Salt in Water on the Magnetic Pull</i>
<b>Hyke Attarian</b>	Chamlian Armenian School	<b>Honorable Mention</b> J1817 814	<i>How Temperature Affects Magnetic Force</i>
<b>Eugene Kim David Yoo</b>	Ridgecrest Intermediate School	<b>Recognition</b> J1807 18	<i>The Effect of Temperature on Magnets</i>
<b>Angelica Martinez</b>	Magnolia Science Academy 6	<b>Recognition</b> J1810 44	<i>Which fruit is the fastest to ripe according to the circuit?</i>
<b>Caitlyn Markle</b>	Incarnation Parish School	<b>Recognition</b> J1816 340	<i>Electromagnetic Strength - Strong to Strongest</i>
<b>Andrew Sahakian</b>	Stratford School-Altadena, CA	<b>Recognition</b> J1804 346	<i>How Does Light Behave as Both a Wave and a Particle?</i>
<b>Samadarshi Das</b>	Rancho Pico Junior High School	<b>Recognition</b> J1809 433	<i>Saltwater Energy Lamp</i>
<b>Rebecca Goldzweig Natalie Llewelyn</b>	Louis Armstrong Middle School	<b>Recognition</b> J1805 533	<i>How does a Radio Operate</i>
<b>Jack Egan</b>	St. Martin of Tours School	<b>Recognition</b> J1818 558	<i>Will the Magnetic Fields Counter the Weight</i>
<b>Izabel Baghdassarian</b>	Saint Gregory A & M Hovsepien School	<b>Recognition</b> J1822 647	<i>Can you charge a phone with potatoes?</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Mason Ramirez Macy James</b>	Mark Twain Middle School	<b>Recognition J1802 731</b>	<i>Will a Magnetic Levitation Train travel faster than a commuter train?</i>
<b>Joseph Guresky Binyamin Chernish</b>	Lashon Academy	<b>Recognition J1820 755</b>	<i>Is the Output Voltage of a Potato Different From the Output Voltage of a Lemon in a Voltaic Battery?</i>
<b>John Porter</b>	Mark Twain Middle School	<b>Recognition J1819 769</b>	<i>Does the weight or type of potato affect the voltage output?</i>
<b>Ali Nanne</b>	New Horizon School Pasadena	<b>Recognition J1811 779</b>	<i>Mini Maglev Train</i>
<b>Ismaeel Hajar</b>	New Horizon School Pasadena	<b>Recognition J1801 786</b>	<i>Designing a Maglev Train and Conducting Research on Why it's Better than Other Transportations</i>
<b>Emma Mozenter Penelope Schwan</b>	New Roads Middle School	<b>Recognition J1813 803</b>	<i>Produce Power</i>
<b>Jax Gertner Aaron Lamagna</b>	New Roads Middle School	<b>Recognition J1812 825</b>	<i>The Magnet</i>
<b>PHYSICS - GENERAL - JR J19</b>			
<b>Maya Bornstein</b>	Sierra Madre Middle School	<b>First Place J1908 719</b>	<i>Which Material Will Be a Better Thermos Insulator?</i>
<b>Salman Elsayed</b>	Institute of Knowledge Middle School	<b>Second Place J1901 616</b>	<i>What a Comfy Ride! Suspension System Optimization for Reduced Vibration and Improved Ride Smoothness</i>
<b>Callan Murphy</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Third Place J1906 552</b>	<i>What Golf Ball Flies the Farthest After Impact?</i>
<b>Iman Bhatti</b>	Institute of Knowledge Middle School	<b>Honorable Mention J1907 570</b>	<i>The Invisible World: Exploring the Origins of Waves and Particles that Shape Our World</i>
<b>Anderson Gomez</b>	Magnolia Science Academy 6	<b>Recognition J1911 29</b>	<i>A Study of the Impact of Air Resistance on 3D Printed Cars</i>
<b>Ruben Lavi</b>	Saint Gregory A & M Hovsepian School	<b>Recognition J1905 339</b>	<i>How Does Spin Affect the Trajectory of a Kicked Soccer Ball?</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Beckie Kim</b>	Ross Academy of Creative and Media Arts Middle School	<b>Recognition</b> <b>J1910</b> 531	<i>Marble Roller Coaster</i>
<b>chloe calkins</b>	St. Martin of Tours School	<b>Recognition</b> <b>J1902</b> 593	<i>Bouncing balls</i>
<b>Ellie Tonthat</b>	Sierra Madre Middle School	<b>Recognition</b> <b>J1913</b> 608	<i>Which Violin Mute Will Dampen the Most Sound?</i>
<b>Noah Pocasangre Ianfranco Valdivia</b>	Lashon Academy	<b>Recognition</b> <b>J1912</b> 764	<i>Does the Way a Soccer Ball is Kicked Affect How It Rotates In the Air?</i>
<b>Viola McColgan Nina Rhonheimer</b>	New Roads Middle School	<b>Recognition</b> <b>J1914</b> 824	<i>Pendulums</i>
<b>Devereaux Trazo Aaron Izaguirre</b>	Assumption of the Blessed Virgin Mary, Pasadena	<b>Recognition</b> <b>J1903</b> 844	<i>Batting Beyond the Barrel</i>
<b>PHYSICS - SR S14</b>			
<b>Seth Nabat</b>	William Howard Taft Charter High School	<b>First Place</b> <b>S1405</b> 65	<i>Learning Broken Symmetries with Approximate Invariance: A Novel Dual-subnetwork Approach to Classifying Particle Collision Events</i>
<b>Aiden Kwon</b>	Palos Verdes Peninsula High School	<b>Second Place</b> <b>S1414</b> 250	<i>A Novel Low-Cost Zero Mean-Flow Chamber Design and Physics-Informed Neural Network for Astrophysical and Environmental Turbulence Applications</i>
<b>Samuel Paik-Heintz Charles Huang</b>	North Hollywood High School	<b>Third Place</b> <b>S1413</b> 467	<i>Machine Learning Optimization for Hadrontherapy Beamlines</i>
<b>Melissa Lee Alexander Lee</b>	The Webb Schools	<b>Honorable Mention</b> <b>S1410</b> 166	<i>Measuring Handgrip Strength Using the Internet-of-Things (IoT) Dynamometer</i>
<b>Kristen Lai Grace Shu</b>	Chadwick School	<b>Recognition</b> <b>S1418</b> 94	<i>How the Body Shape of a Plane Affects the Flight Distance of a Paper Plane</i>
<b>Henry(Yihui) Lu</b>	The Webb Schools	<b>Recognition</b> <b>S1406</b> 229	<i>Keep Calm and Get Carried on the Wave: Deterministic Quantum Theory and Oil Bath Equilibriums</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Benny Salzman</b>	Beverly Hills High School	<b>Recognition</b> <b>S1409</b> 360	<i>Defying Gravity</i>
<b>Milo (Hannah) Perez Richard Luckenbach</b>	Pioneer High School	<b>Recognition</b> <b>S1411</b> 405	<i>How is the Rate of Heat Loss Affected by Surrounding Temperature</i>
<b>Geonhee Lee Harshini Manikandan</b>	Science Academy STEM Magnet (Senior Division)	<b>Recognition</b> <b>S1403</b> 472	<i>Relationship Between the Sweep Angles of an Aircraft and its Structural Integrity</i>
<b>Annabelle Choi Anthonie Castro</b>	California Academy of Math and Science	<b>Recognition</b> <b>S1402</b> 499	<i>Quantum Bubbles: Investigating Collapse, Light, and Plasma</i>
<b>Sonny Aleman Loan Thai</b>	Schurr High School	<b>Recognition</b> <b>S1404</b> 564	<i>Metal Bat Vs Wood Bat</i>
<b>Talia Boghossian</b>	Rose and Alex Pilibos Armenian High School (High School)	<b>Recognition</b> <b>S1408</b> 587	<i>Circular Error Probable (CEP)</i>
<b>Zhengyang Zhang</b>	Chadwick School	<b>Recognition</b> <b>S1415</b> 592	<i>Research on the Spectral Variation of the Black Hole X-ray Binaries with the Monte Carlo Simulation</i>
<b>Ling Feng Deng</b>	Temple City High School	<b>Recognition</b> <b>S1419</b> 662	<i>Finding the Difference in Power Output of AC versus DC Currents Via Lorentz Force</i>
<b>Julian Son</b>	National Youth Community Center (Senior Division)	<b>Recognition</b> <b>S1417</b> 676	<i>Demystifying the Quantum Eraser</i>
<b>Harvey Wake</b>	La Canada High School	<b>Recognition</b> <b>S1401</b> 693	<i>Chaotic and Harmonic Motion</i>
<b>Jiatian Liu Claire Pan Hongyi Zeng</b>	Diamond Bar High School	<b>Recognition</b> <b>S1412</b> 726	<i>What locations are safest for you to be in during a thunderstorm</i>
<b>Ciro Casarrubia</b>	Golden Valley High School	<b>Recognition</b> <b>S1416</b> 759	<i>Visualizing sound</i>
<b>PLANT BIOLOGY &amp; PHYSIOLOGY - JR - A J20A</b>			
<b>Lucas Yang Kelly Han</b>	Ridgecrest Intermediate School	<b>First Place</b> <b>J2011A</b> 482	<i>Effects of Intercropping Lathyrus oleraceus and Raphanus sativus on Plant Growth</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Rainelle Yasa</b>	Science Academy STEM Magnet (Junior Division)	<b>Second Place</b> J2018A 174	<i>Hydroponics: The Effects of Optimized Growth Factors on Nutrient Concentration</i>
<b>Cleo Cowan</b>	Portola Highly Gifted Magnet	<b>Third Place</b> J2004A 294	<i>Plastic Fruit: Effect of Microplastics on Tomato (<i>Solanum lycopersicum</i>) Growth and Yield</i>
<b>Vishalini Vaithi</b>	Hale Charter Academy STEAM Magnet	<b>Honorable Mention</b> J2022A 157	<i>Can worm-derived growth hormones better plant growth?</i>
<b>Ivy Hong</b>	Walter Reed Middle School	<b>Honorable Mention</b> J2020A 286	<i>Plants vs. Salt</i>
<b>Thomas Gregor</b>	Rudecinda Sepulveda Dodson Gifted Magnet Middle School	<b>Honorable Mention</b> J2001A 336	<i>Invader Ash: Will Sage Survive?</i>
<b>Adelle Figueroa</b>	New Roads Middle School	<b>Honorable Mention</b> J2007A 805	<i>Substrate-ing!</i>
<b>Isabel Teodoro-Soto Elizabeth Martinez</b>	Magnolia Science Academy 6	<b>Recognition</b> J2015A 24	<i>Which Type of Watering Material Will Make the Plant Grow the fastest?</i>
<b>Laura Kight</b>	Arroyo Seco Junior High School	<b>Recognition</b> J2021A 68	<i>Filtered vs Unfiltered</i>
<b>Zayan Khan</b>	AlHuda Islamic School	<b>Recognition</b> J2013A 88	<i>The Role of Nitrogen in Plant Growth</i>
<b>Gia Park Dylan McCain Victoria Wang</b>	Stratford School-Altadena, CA	<b>Recognition</b> J2003A 92	<i>How do light colors affect how much vitamin c is in a plant?</i>
<b>Ishaan Patel</b>	Incarnation Parish School	<b>Recognition</b> J2006A 231	<i>What helps plants grow the best</i>
<b>Zora Flanagan</b>	St. Timothy	<b>Recognition</b> J2008A 398	<i>The Increase of Algae Growth</i>
<b>Mila Rufatt</b>	Oak Hills Elementary	<b>Recognition</b> J2016A 612	<i>Wired to Grow</i>
<b>Omar Amasri</b>	Quba Islamic School	<b>Recognition</b> J2017A 645	<i>How The Hole In The Ozone Layer Affects Living Things</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Ryunosuke Hosono Mason Kim</b>	Palos Verdes Intermediate school	<b>Recognition J2019A</b> 650	<i>Do using different liquids solutions affect the growth of a plant?</i>
<b>Amanda Montejo Botino Eva Fayershteyn</b>	Lashon Academy	<b>Recognition J2014A</b> 750	<i>Does Sunscreen Protect Strawberry DNA from UV light?</i>
<b>Dalia Burpee</b>	New Horizon School Pasadena	<b>Recognition J2002A</b> 777	<i>Which Color of Light is Best for Growing Plants?</i>
<b>Gwendolyn Saengphaibul</b>	Stratford School- Altadena, CA	<b>Recognition J2010A</b> 841	<i>What Music Do Plants Like Most?</i>
<b>Ethan Malone</b>	St. Timothy	<b>Recognition J2005A</b> 853	<i>Calming Growth</i>
<b>Leilani Bahadourian Sira Kitsinian Emily Grigorian</b>	Holy Martyrs Ferrahian School (Junior Division)	<b>Recognition J2023A</b> 855	<i>Grassroots</i>
<b>PLANT BIOLOGY &amp; PHYSIOLOGY - JR - B J20B</b>			
<b>Mark Segal</b>	Palos Verdes Intermediate school	<b>First Place J2017B</b> 369	<i>Use of Neodymium Magnets to Enhance the Yield of Solanum Tuberosum (Potatoes)</i>
<b>Karen Ji Serena Zhang</b>	Mirman School	<b>First Place J2021B</b> 669	<i>A Spectrum of Growth: Colored Greenhouses on Microgreen Growth</i>
<b>Adam Barsamian</b>	Incarnation Parish School	<b>Third Place J2011B</b> 81	<i>CO2 For You!</i>
<b>Miray Dershewitz</b>	New West Charter Middle School	<b>Honorable Mention J2005B</b> 59	<i>Plants Beverage of Choice</i>
<b>Fatima Zahid</b>	AlHuda Islamic School	<b>Honorable Mention J2013B</b> 86	<i>Whispers in the Wind: Can Plants Communicate?</i>
<b>George Fenwick</b>	Stratford School- Altadena, CA	<b>Honorable Mention J2014B</b> 396	<i>What is the optimal food packaging material to keep a pepper fresh the longest?</i>
<b>Lisa Kuwasaki</b>	Ridgecrest Intermediate School	<b>Honorable Mention J2008B</b> 478	<i>Observing Differences in Growth of Solanum Lycopersicum Using Various Light Colors</i>
<b>Matthew Harutunians</b>	La Canada Preparatory	<b>Honorable Mention J2002B</b> 510	<i>Electricity and Plant Growth</i>



## 2025 Los Angeles County Science Fair Category Winners

<b>Tate Owens</b>	St. Timothy	<b>Honorable Mention</b> J2009B 770	<i>Lettuce discuss dirt</i>
<b>Natharie De Silva</b>	Rudecinda Sepulveda Dodson middle school	<b>Recognition</b> J2022B 34	<i>Cleaning Up Contamination in Soil: Does Cilantro Reduce The Amount of Lead in Soil?</i>
<b>Clio Yang</b>	Ross Academy of Creative and Media Arts Middle School	<b>Recognition</b> J2012B 605	<i>Water for Hydroponics</i>
<b>Aliza George</b>	Ross Academy of Creative and Media Arts Middle School	<b>Recognition</b> J2001B 609	<i>Roses and Liquids</i>
<b>Jonathan Lee</b>	St. Martin of Tours School	<b>Recognition</b> J2015B 617	<i>Does Music Affect the Growth of Plants?</i>
<b>Zara Ananth Elena Ajami</b>	Palos Verdes Intermediate school	<b>Recognition</b> J2016B 620	<i>A Natural Antibacterial Alternative for Small Wounds</i>
<b>Brady Hoffman claire tomnes</b>	New West Charter Middle School	<b>Recognition</b> J2018B 630	<i>Does pollution affect plant growth?</i>
<b>June Aprahamian Angelina Baratian</b>	C&E Merdinian Armenian Evangelical School	<b>Recognition</b> J2007B 711	<i>Extracting DNA From Fruit</i>
<b>Baierna Zulipihaer</b>	Quba Islamic School	<b>Recognition</b> J2006B 717	<i>How different liquids effect a plant's growth</i>
<b>Naya Ben-david</b>	Lashon Academy	<b>Recognition</b> J2020B 730	<i>Does Plantable Seed Paper Help the Growth of Basil (Ocimum basilicum)</i>
<b>Ikki Kaji</b>	Mark Twain Middle School	<b>Recognition</b> J2019B 765	<i>Does plants grow better in electrified soil without sunlight?</i>
<b>Audrey Barba Searra Montalbano</b>	New Roads Middle School	<b>Recognition</b> J2010B 804	<i>Grounds for Growth</i>
<b>Alexia Marcarian</b>	Chamlian Armenian School	<b>Recognition</b> J2004B 830	<i>Can Biodegradable Hydrogels Help Conserve Water in Farming?</i>
<b>Sofia Rosenblatt Astrid Farr Johnstone Sydney Herrera</b>	New Roads Middle School	<b>Recognition</b> J2003B 847	<i>Roses are red, Violets are blue, your flowers are drooping oh, what should you do?</i>

# 2025 Los Angeles County Science Fair Category Winners

## PLANT BIOLOGY & PHYSIOLOGY - SR S15

<b>Tinwin Htun</b>	North Hollywood High School	<b>First Place</b> <b>S1513</b> 496	<i>Curing Wilt: Isolation of Antifungal Activity from Trichostema lanatum</i>
<b>Matin Gheysar</b>	Palos Verdes Peninsula High School	<b>Second Place</b> <b>S1514</b> 235	<i>Evaluating Zinc Oxide Nanoparticles' Impact on Copper Phytoaccumulation in Avena sativa Under Simulated Heavy Metal Pollution</i>
<b>Ariena Thurairajah</b>	Palos Verdes High School	<b>Third Place</b> <b>S1508</b> 333	<i>A Pioneering Study on the Combined Effect of Nanoparticles and Light Wavelengths on Sustainably Grown Hydroponic Lactuca sativa</i>
<b>Sophia Lim</b>	Crescenta Valley High School	<b>Honorable Mention</b> <b>S1511</b> 295	<i>Can Succulents Decrease the Levels of VOCs and PM 2.5 in the Air?</i>
<b>Maryam Ahmed</b>	Institute of Knowledge High School	<b>Honorable Mention</b> <b>S1502</b> 555	<i>The Breath of Death: The Impact of Carbon Monoxide on the Rate of Decay in Plants</i>
<b>Daphne Karaduman Kayden Dickey</b>	Saint Anthony High School	<b>Honorable Mention</b> <b>S1501</b> 633	<i>Ocean Acidification</i>
<b>Seoyoon Lee Princess Otegbulu</b>	California Academy of Math and Science	<b>Honorable Mention</b> <b>S1504</b> 691	<i>Cancer Developments: Optimizing Lighting Conditions to Enhance the Cancer-Fighting Potential of Watercress</i>
<b>Yuwen (Aurora) Deng</b>	The Webb Schools	<b>Recognition</b> <b>S1507</b> 184	<i>Impact of Heat on Native Plants and Soil Quality</i>
<b>Claire Lee</b>	Marlborough School	<b>Recognition</b> <b>S1506</b> 372	<i>The Impact of Dye Solutions on the Growth and Health of Lettuce Plants (Lactuca sativa)</i>
<b>Rebekkah Zamacona</b>	Pioneer High School	<b>Recognition</b> <b>S1510</b> 406	<i>How Soil pH can affect plants differently</i>
<b>Kaylie Sotelo Matilda Larios Dalila Esquivel</b>	Schurr High School	<b>Recognition</b> <b>S1505</b> 565	<i>DNA Extraction</i>
<b>Joshua Riyos</b>	Magnolia Science Academy 4-Venice (Senior Division)	<b>Recognition</b> <b>S1509</b> 738	<i>Rock &amp; Root</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Neil Takhar</b>	Golden Valley High School	<b>Recognition</b> S1503 753	<i>Going Bananas for Growth</i>
<b>Jackson Mayer</b>	Golden Valley High School	<b>Recognition</b> S1512 785	<i>To what extent does the soils ph affect the plant growth of certain winter plants.</i>
<b>PRODUCT SCIENCE - JR J22</b>			
<b>Yomna Qasem</b>	AlHuda Islamic School	<b>First Place</b> J2219 75	<i>Is That Really Clean? Which Is the Best Disinfectant?</i>
<b>Rebecca Wierman</b>	Sierra Madre Middle School	<b>Second Place</b> J2214 287	<i>How Red is Your Drink?</i>
<b>Anna Maria Arslanian</b>	Chamlian Armenian School	<b>Third Place</b> J2207 832	<i>How heat transfer is affected by different insulators</i>
<b>Vincent Ong</b>	Rudecinda Sepulveda Dodson Middle School Visual and Performi	<b>Honorable Mention</b> J2205 276	<i>How do different types of adhesives affect the stability of cut wood?</i>
<b>Ashley Keshishian</b>	Armenian Sisters Academy	<b>Honorable Mention</b> J2206 517	<i>Ultrasonic Glasses For Visually Impaired</i>
<b>Kenzy Morsy</b>	Quba Islamic School	<b>Honorable Mention</b> J2223 632	<i>Do Zero Sugar Drinks Really Have Zero Sugar?</i>
<b>Kathleen Hipolito Nyla Phillips Amani Fullenwider</b>	Pomona Unified School District Junior Division	<b>Recognition</b> J2212 121	<i>Healthy or Budget Friendly</i>
<b>Zoe Zhi</b>	Hale Charter Academy STEAM Magnet	<b>Recognition</b> J2202 171	<i>How Beneficial Is Your Hair Heat Protectant?</i>
<b>Arev Bardakian Mila Ovsepyan</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition</b> J2211 198	<i>Battle of Remedies</i>
<b>Lark Avanesian Lea Honanian</b>	Rose and Alex Pilibos Armenian Middle School (Middle School)	<b>Recognition</b> J2221 199	<i>Water Wars</i>
<b>Aidan Gomez Sophia Avila Aimee Duquez</b>	Bell Gardens Intermediate School	<b>Recognition</b> J2215 419	<i>Shampoo Showdown!</i>
<b>Link Amar</b>	Walter Reed Middle School	<b>Recognition</b> J2209 431	<i>What is the Most Efficient Brand and Color of LED?</i>

## 2025 Los Angeles County Science Fair Category Winners

<b>Priscilla Chen</b>	Ridgecrest Intermediate School	<b>Recognition</b> J2220 455	<i>Does Vinegar work as efficiently as Retainer Brite for cleaning Essix retainers?</i>
<b>Kelsee Kadar Nayun Kim</b>	Beverly Vista Middle School	<b>Recognition</b> J2210 468	<i>The natural deodorant</i>
<b>Saul Morataya Francisco Corona Luis Medina</b>	Bell Gardens Intermediate School	<b>Recognition</b> J2203 561	<i>Teeth Cleaners</i>
<b>Sofia Rea Sofia Sanchez Galindo Lexi Armenta</b>	Bell Gardens Intermediate School	<b>Recognition</b> J2222 568	<i>Paint &amp; Wait</i>
<b>Greyson Wheelless</b>	Blue Ridge Academy	<b>Recognition</b> J2201 716	<i>Taking a Liquid Multimineral Nighttime Supplement Vs. No Supplement 1 Hour Before Bedtime</i>
<b>Jasmine Ung</b>	Sierra Madre Middle School	<b>Recognition</b> J2208 718	<i>Dye-ing for a Sweet Treat</i>
<b>Kyle Mirabella</b>	Sierra Madre Middle School	<b>Recognition</b> J2216 724	<i>Are Sports Drinks Better for Boosting Electrolytes than Natural Beverages?</i>
<b>Ori Bitas</b>	Lashon Academy	<b>Recognition</b> J2218 757	<i>Does the Type of Scent in Perfume Affect How Long the Scent Lasts?</i>
<b>jackson glinski</b>	New West Charter Middle School	<b>Recognition</b> J2213 816	<i>football point and yards to super bowls</i>
<b>Ilianova Garcia chayla Gonzalez</b>	Lashon Academy	<b>Recognition</b> J2217 845	<i>Which Type of Perfume Will Last the Longes</i>