

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor	
SENIOR DIVISION		ANIMAL SCIENCES			
1st	Aaron Huang	Anxiety Hierarchy: Testing the Priority of Genes in C. Elegans	11	Canyon Crest Academy	A. Haas
3rd	Asael Garcia	What Genre of Music Affects a Mammal's Productivity the Best?	11	Central Union High School	L. Rueda
JUNIOR DIVISION		ANIMAL SCIENCES			
1st	Mele Barton	Investigating Plastic Contaminants Present in the Alimentary Tracts of Fish	8	The Rhoades School	R. Hunker
1st	Preston Bove Carlie Burns	Dog Saliva vs. Human Saliva	7 7	St. John School - Encinitas	G. Heins
2nd	Karissa Carlson	Worms Compost	8	St. Didacus Parish School	R. Blickenstaff
2nd	Emiko Hina Angelina Staines	Incubating Chicks: Will EO Water and UV Light Affect Hatchability?	8	St. Rita's Catholic School	A. Rice
2nd	Daneya Hudgins	Dogs vs. Humans: Who Can See Better in the Dark?	8	Farb Middle School	P. Huntington
2nd	Ria Rizo	Chicken Language Analysis Over Time and Frequency	8	Mt. Everest Academy	N. Negus
3rd	Aidan Cook	Magnetic Regeneration for Planaria	8	St. Didacus Parish School	R. Blickenstaff
3rd	Cassara Cummins	Oil Removed from Feathers	8	St. Didacus Parish School	R. Blickenstaff
3rd	Sophie Lawler- Ehr	Horse Heart Beats	7	St. Peter the Apostle Catholic School	T. Fantano
3rd	Jessica Nunez Vazquez	Marine Environmental Change	8	Farb Middle School	P. Huntington
3rd	Robbie Patterson	Paw Dominance in Dogs	7	St. Didacus Parish School	R. Blickenstaff
3rd	Emmanuel Penalosa	What Foods Do Dogs Prefer?	7	St. Michael Academy San Diego	M. Escalante
3rd	Kaia Prince	Most Popular Bird Seed	8	St. Didacus Parish School	R. Blickenstaff
3rd	Cianna Quintero	Worm Growth and Kitchen Wastes	8	Chula Vista Middle School	G. Saclauso-Caro
4th	Emmanuel Hernandez	How Does Temperature Affect the Work of Ants?	8	Our Lady of Mount Carmel	J. Pereyra, SJS
SENIOR DIVISION		BEHAVIORAL & SOCIAL SCIENCES			
1st	Hari Krishnamurthy	AsylumIndicator.AI - Predictive Behavioral Modeling of United States Asylum Adjudication to Help Refugees	9	Canyon Crest Academy	A. Haas

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Place	Project Title	Grade	School	Teacher/Advisor
1st	Anjana Shriram	10	Canyon Crest Academy	A. Haas
2nd	Abdullahi Ismail	10	Bright Horizon Academy	N. Naserelddin
2nd	Abdirahman Kariye	9	Bright Horizon Academy	N. Naserelddin
2nd	Sean Kim	11	The Bishop's School	L. Keller
2nd	Mustafa Mohamed	10	Bright Horizon Academy	N. Naserelddin
3rd	Brian Lee	11	Scripps Ranch High School	P. Fowler
3rd	Grace Li Albert Liu	9 9	Scripps Ranch High School	P. Fowler
3rd	Priscila Munoz	10	Central Union High School	L. Rueda
3rd	Daniella Padilla Kayla Stallworth	10 11	Central Union High School	L. Rueda
3rd	Anaid Perez	11	Central Union High School	L. Rueda
3rd	Miriam Quijada	10	Central Union High School	L. Rueda

JUNIOR DIVISION

BEHAVIORAL & SOCIAL SCIENCES

1st	Gabriela Alfaro	7	Nazareth School	M. Reed
1st	Zara Bannister	8	The Rhoades School	R. Hunker
1st	Maya Bateman	8	The Children's School	T. Brown
1st	Taylor Belanich Grace Howard	7 7	The Rhoades School	R. Hunker
1st	Leila Elasaad	8	The Rhoades School	R. Hunker
1st	Sophia Frank	7	St. John School - Encinitas	G. Heins
1st	Karis Goodwin	8	St. John School - Encinitas	G. Heins
1st	Safwa Khan	8	Bright Horizon Academy	N. Naserelddin
1st	Lauren Levi	8	Soille San Diego Hebrew Day School	M. Bessler

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Place	Project Title	Grade	School	Teacher/Advisor	
1st	Lily Masi	Investigating Anxiety Levels In Preadolescent Vs. Adolescent Children	7	The Rhoades School	R. Hunker
1st	Zelma Maya	The Effect of Clutter on Productivity	8	Soille San Diego Hebrew Day School	M. Bessler
1st	Shane Montal	The Effect of Teaching Nonverbal Communication on Nonverbal Communication Knowledge	7	The Children's School	D. Quincannon
1st	Denisse Podolsky	Who Has Better Memory-- Introverts or Extroverts?	8	Soille San Diego Hebrew Day School	M. Bessler
1st	Adriana Quezada	It's All In Your Head: Inside a Stutterer's Brain	8	St. John School - Encinitas	G. Heins
1st	Patrick Rooney	The Effect of Country of Origin on Employment Opportunities	8	The Children's School	T. Brown
1st	Sammy Ross	When Time Flies	8	San Diego Jewish Academy	L. Deveau
1st	Leia Ryan	The Empathy Mechanism: Using a Quotient To Evaluate the Effects of Gender and Age	8	The Rhoades School	R. Hunker
1st	Ellie Sipper	How Does the Color of the Logo Affect Kids' Emotions?	7	Nazareth School	M. Reed
1st	Agastya Sridharan	Quantifying the Impact of Search-Order Bias on Voting Preferences using a Simulated Web Environment	8	Thurgood Marshall Middle School	E. Schumacher
1st	Evelyn Sugapong	News: Believably False, or Unbelievably True?	7	Bonita Vista Middle School	C. Cardenas
1st	Jamie Jane Weston Mehar Thaper	Exploring Effects of Transient Emotions on Short Term vs Long Term Recall	8 8	The Rhoades School	R. Hunker
2nd	Jorielle Nyla Bettinger	Which Affects Adolescents' Mental Health More? Social Media vs. School	8	St. Michael Academy San Diego	M. Escalante
2nd	Abigail Shaull Noa Burrows	Effects of Emotion on Vocal Volume	8 8	The Rhoades School	R. Hunker
2nd	Cooper Chapman	How Will Gender Effect Financial Bias?	7	The Children's School	D. Quincannon
2nd	Payslie Childress	Can You Outsmart a 6th Grader	8	Carlton Hills Middle School	K. Ducharme
2nd	Mikayla Crowe	The Effect of Gender on Participation in Sports	8	The Children's School	T. Brown
2nd	Jeremy De Las Alas	Does the Awareness of a Positive Consequence Affect the Way You Work?	8	St. Michael Academy San Diego	M. Escalante
2nd	Vivian Doan	Color and Preference	8	Farb Middle School	P. Huntington
2nd	Mariam Eldegwy	The Effect of Gender on Short-Term Memory	7	Bright Horizon Academy	N. Naserleddin

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2nd	Michelle Goldwasser	Which Sex Trusts Themselves More Than Others?	8	San Diego Jewish Academy	L. Deveau
2nd	James Gonzalez	Audiobooks & Literacy	8	St. John of the Cross Catholic School	G. Krumm
2nd	Marc Jinich	Decision Making Biases: Nature vs. Nurture	8	San Diego Jewish Academy	L. Deveau
2nd	Alana Kelly	The Effect of Varying Reading Speeds on Reading Comprehension for Dyslexics	8	The Children's School	T. Brown
2nd	Christopher Lindgren	Reaction Time	7	St. Didacus Parish School	R. Blickenstaff
2nd	Ashley Montiel	What Do You See?	8	St. Michael Academy San Diego	M. Escalante
2nd	Jenan Muzaini Arissa Usmani	How Likely are People to Conform into Groups?	7 8	Bright Horizon Academy	N. Naserleddin
2nd	Wesley Nesbitt	The Effects of Roris Marini on Recall in Adolescent Test Subjects	8	The Rhoades School	R. Hunker
2nd	Annabella Nguyen Isabel Sanchez	How Different Scenarios Affect Us	8 8	Farb Middle School	P. Huntington
2nd	Luke Palmer Trey Telfer	Running at the Speed of Music	8 8	The Rhoades School	R. Hunker
2nd	Maya Pastuszko	The Effect of Colors on People with in Different Ages	8	The Children's School	D. Quincannon
2nd	Sonali Pathria	The Affect of the Similarity of Appearance on How Attractive and Persuasive You Find That Person	8	The Children's School	T. Brown
2nd	Qudsia Qarar	Comparing Paper and Computer	7	Bright Horizon Academy	N. Naserleddin
2nd	Aairah Usmani	Do Different Colored Walls Make You Focus More?	7	Bright Horizon Academy	N. Naserleddin
2nd	Nicole Vosburgh	The Stroop Effect in Action	8	St. John School - Encinitas	G. Heins
2nd	Henry Wilson	The Most Eye Catching Color	8	St. Didacus Parish School	R. Blickenstaff
2nd	Calvin Yaruss	Which Facial Expression Can Be Most Easily Be Detected and Why?	8	The Children's School	T. Brown
3rd	Piper Baes	Personal Personality	8	St. Peter the Apostle Catholic School	T. Fantano
3rd	Sabrina Calderon Shaelan Myhra	InCreativity	7 7	St. Michael's School - Poway	J. Poling
3rd	Griffin Cappiello	Effects of Positive Vocalizations On Athletic Performance	8	The Rhoades School	R. Hunker

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3rd	George Carr	Does Where You Sit Affect Your Test Scores?	8	The Children's School	T. Brown
3rd	Olivia Degodoy	Gamers vs Non-gamers Reaction Times	7	Bonita Vista Middle School	C. Shimasaki
3rd	Gerrel Dela Cruz	Autism's Bizarre Adventure	8	Farb Middle School	P. Huntington
3rd	Rebecca Dolin	Perception: Positive or Negative Space	8	Carlton Hills Middle School	K. Ducharme
3rd	Andrea Galicot	Which Ages Have Better Teamwork	8	San Diego Jewish Academy	L. Deveau
3rd	Ian Housden	The Effect of Sound on Heart Rate	8	The Children's School	T. Brown
3rd	Mayela Lopez	Accuracy of Eyewitness Testimony	8	St. Didacus Parish School	R. Blickenstaff
3rd	Ava Maudal	Aptitude on Attitude	8	St. John School - Encinitas	G. Heins
3rd	Kelsie McNamara	Social Media	7	St. John School - Encinitas	G. Heins
3rd	Paul Montal	Does The Type of Group You Work with Affect Math Test Scores?	8	The Children's School	T. Brown
3rd	Grace Mulvey	Real or Fake Smile	7	St. Didacus Parish School	R. Blickenstaff
3rd	John Pascual	Music as aTool	8	St. Michael Academy San Diego	M. Escalante
3rd	Emma Persichilli	How Colored Packaging Affects Children's Food Choices	8	St. Didacus Parish School	R. Blickenstaff
3rd	Matthew Savage Sean Savage	The Stroop Effect	8 8	St. Didacus Parish School	R. Blickenstaff
3rd	Wegahta Tadesse	Reaction Time and Ages	8	St. Didacus Parish School	R. Blickenstaff
4th	Tea Ballew Isabella Joyce Mercado	What Causes Us to Take Longer When Making a Decision at a Concession Stand?	7 7	St. Michael's School - Poway	J. Poling
4th	Isabel Jones	Random Numbers	8	St. Didacus Parish School	R. Blickenstaff
4th	Jemma Jones	Text Color and Readability	7	St. Didacus Parish School	R. Blickenstaff
4th	Sara Mattsson	Color for Memory	8	Carlton Hills Middle School	K. Ducharme
4th	Jaden Ocampo	What is the Effect of Net or No Net on Free Throw Percentage?	8	Wangenheim Middle School	T. Mendibles

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Place	Project Title	Grade	School	Teacher/Advisor	
4th	Frank Ray Occhialini	Effectiveness of Lie Detector Tests	7	St. Didacus Parish School	R. Blickenstaff
4th	Elias O'Hollaren	The Effect of Video Games on Heart Rate	7	St. Didacus Parish School	R. Blickenstaff
4th	Asha Postins	Do We Base Who We Trust on Clothing	8	The Children's School	D. Quincannon

SENIOR DIVISION

BIOCHEMISTRY

1st	Jessie Gan	Application of a Novel Cell-Adhesion Force Quantification Technique to Predict Metastasis	11	San Diego Jewish Academy	C. Eisen
1st	Daniel Wang	Lock Them Up: Capture Proteins in Action Using Covalent Bonds	10	Torrey Pines High School	B. Belyea
1st	Kate Wang	Machine Learning and Pharmacophore- Based Drug Discovery for Treating Duchenne Muscular Dystrophy	11	Canyon Crest Academy	A. Haas
1st	Kyra Wu	Identification of Natural and Synthetic Inhibitors of E. Coli fabI through Virtual Screening	11	Canyon Crest Academy	A. Haas
2nd	Juyoung Han	Genome Editing For All Students	11	Canyon Crest Academy	A. Haas
2nd	Aditya Hegde	The Effects of Carbon Nanomaterials on the Effectiveness of Phage Therapy	10	Canyon Crest Academy	A. Haas
3rd	Vivian Li	The Impact of Diet Upon Metabolism in Fish	10	La Jolla Country Day School	D. Padgett

JUNIOR DIVISION

BIOCHEMISTRY

1st	Hafsah Kazi	Turmeric: The Effect on Metals in Healthy Cells	7	Bright Horizon Academy	N. Nasereldin
2nd	Kai Do	How Does L-ascorbic Acid Affect the Ph Levels of Tilapia Skin	8	Wangenheim Middle School	M. Silva
2nd	Samantha Gail Tawatao	Does the Amount of Detergent Affect the Amount of DNA Extracted from a Banana?	8	Wangenheim Middle School	T. Mendibles
2nd	Vincent Venverloh	Does Amount of Water Within a Substance Effect Energy Obtainable	8	The Children's School	T. Brown
3rd	Jaren Kishimoto	Electricity in Fruits and Vegetables	7	St. Michael's School - Poway	J. Poling
3rd	Isabella Matias	Which Apple Will Win?	7	Bonita Vista Middle School	C. Shimasaki
3rd	Kevin Vogel	Effect of Plastic Source on the Rate of Biodegradability	8	Chula Vista Middle School	G. Saclauso Caro
4th	Elenore Cannon	Organic vs Non-Organic Bananas Investigation	8	Chula Vista Middle School	G. Saclauso-Caro

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4th	Naija Coles	Looking Deeper Into the Results of Gel Electrophoresis	8	Wangenheim Middle School	T. Mendibles
4th	Lisa Echoku	How Would the Fat in Milk Affect It Spoiling?	8	Chula Vista Middle School	T. Tom

SENIOR DIVISION	CHEMISTRY
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2nd	Audrey Vargas	Photocatalytic Treatment of Wastewater and Hydrogen Production	11	Sweetwater High School	J. Chase
2nd	Ian Xu	The Detection and Discrimination of Volatile Organic Vapors in a Thermally Cycled Porous Silicon Photonic Crystal Nanosensor	11	Del Norte High School	F. Liao
2nd	Kane Xu	Copper Catalyzed Hydroboration of Benzyldienecyclobutanes	11	Del Norte High School	F. Liao
4th	Jasmine Magana	How a Decrease in Temperature Affects an Oscillating Reaction	10	Central Union High School	L. Rueda

JUNIOR DIVISION	CHEMISTRY
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1st	Jenevie Bella	What Fabric is Most Absorbent of Water	8	Chula Vista Middle School	T. Tom
1st	Samuel Figueroa	Instant Drinks	7	Corfman School	I. Leon
1st	Alexis Green	Types of Paint and Temperature vs Drying Time	7	St. Michael Academy San Diego	M. Escalante
1st	Jasmine Killion	Does Soda Ash Make Tie Dye Brighter?	8	Mt. Helix Academy	J. Hudson
1st	Racel Ligeralde	More Than Just A Drink: Fuel Power At Peak	8	Good Shepherd Catholic School	Mary A. McNeil
1st	Maya Zagursky	What Recipe for Bath Bombs Makes the Fizziest Bath Bomb?	8	San Diego Jewish Academy	L. Deveau
2nd	Harris Azhand	How Does the Type of Carbon Affect the Clarity of Filtered Colored Water?	8	Wangenheim Middle School	T. Mendibles
2nd	Christina Cornejo	Separating Hydrogen and Oxygen from Water	8	St. Rita's Catholic School	A. Rice
2nd	Sam Fries	Water and Nitrates	8	St. Didacus Parish School	R. Blickenstaff
2nd	Mila Gruber	Which Natural Ingredient Can Make Homemade Litmus Paper Work as Well as Store-bought Litmus Paper?	6	St. Mary Star of the Sea School	J. Alonso
2nd	Lorelei Jackson	Vitmain C Levels at Different Ripening Stages of a Bell Peper	8	St. Mary Star of the Sea School	J. Alonso
2nd	Eliyahu Lapp	Get Your Oils Ready	8	Soille San Diego Hebrew Day School	M. Bessler

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Place		Project Title	Grade	School	Teacher/Advisor
2nd	Catherine Singer	What Wrapping Material Preserves Apples the Best: Ziploc Bags, Reynolds Wrap, or Glad Cling Wrap?	8	Mt. Helix Academy	J. Hudson
2nd	Yi Sun	Do Different Salt Types, Kosher, Sea Salt, and Pink Salt Have the Same Effect on the Time It Takes Ice to Melt?	8	Wangenheim Middle School	T. Mendibles
2nd	Jocelyn Sweeney	Does Copper Ionization Work Better than Chemicals in Killing Algae?	7	Nazareth School	M. Reed
3rd	Lukky De Guzman	Preventing Condensation on Eyeglasses	8	Chula Vista Middle School	T. Tom
3rd	Nathan Do	Acid Attack	8	Farb Middle School	P. Huntington
3rd	Victoria Dyakova	Glycerin and Soap Bubbles	8	Wangenheim Middle School	T. Mendibles
3rd	Annalee Haim	Holy Crap!	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Eitan Maman	Is Your H2O the Way to Go	8	San Diego Jewish Academy	L. Deveau
3rd	Evangeline Mayne	Slime Stretchiness	8	The Cambridge School High School	M. Mayne
3rd	Daniela Szajkowski	Marshmallow Density	8	St. Mary Star of the Sea School	J. Alonso
4th	Jonathan Flietstra	The Effect of Length of Cloth with Naphtha Lighter Fluid on Flame Duration	8	City Tree Christian School	M. Lee

SENIOR DIVISION

COMPUTER SCIENCE

1st	Andrew Kuang	Simplified Asthma Diagnosis Through Neural Networks	10	Canyon Crest Academy	A. Haas
1st	Raj Pabari	DNA Storage - Novel, Cloud-Based Solution to Archive Digital Data Using Synthetic Nucleotides	10	Classical Academy High School	D. Bower
1st	Christopher Um	Improving Complexity of Grover's Algorithm Using Qutrits Manipulation and a Novel Two-Dimensional System of the Oracle	11	Torrey Pines High School	B. Belyea
1st	Dustin Wu	Deep Learning Jazz Ensemble	12	Pacific Ridge High School	R. Mudaliar
1st	Ellen Xu	Artificial Intelligence Based Kawasaki Disease Early Diagnosis	9	Del Norte High School	A. Callicott
2nd	Nolan Bowyer Prescott Grigsby	An Application to Calculate Individual Percent Risk of Specific Cancers	11 11	Scripps Ranch High School	P. Fowler
2nd	Petunia Rizo	Using Musical Notation to Encrypt Messages in Python	9	Mt. Everest Academy	N. Negus
2nd	Maya Rosenbaum	Game-Based Gratitude Journal App for Android	10	Canyon Crest Academy	A. Haas

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Place	Project Title	Grade	School	Teacher/Advisor
3rd	Livia Liu	No Texting While Driving App	9 Olympian High School	M. Claudio
3rd	Kayla Stevenson Aditi Telang	SocialCue : Breaking Down Communication Barriers	10 Olympian High School 10	M. Claudio
4th	Jose Arias	Password Security	9 Gompers Preparatory Academy	J. Ulliyott

JUNIOR DIVISION	COMPUTER SCIENCE
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1st	Arjun Chatha David Samy	Fall Detection: Using Artificial Intelligence to Help the Elderly	8 8	The Rhoades School	R. Hunker
1st	Kai Goodsell	Forecasting Stock Market Values Using Machine Learning	8	The Rhoades School	R. Hunker
1st	Andrew Martinez	What Materials Can Reduce A WiFi Signal	6	St. Mary Star of the Sea School	J. Alonso
1st	Rahul Rao Rikhil Rao	AI-Based Obstacle Detection and Notification for the Visually Impaired	8 8	Pacific Trails Middle School	S. Thacker
1st	Aleister Steadman	Using a Neural Network to Determine Emotion in Music	8	Wangenheim Middle School	M. Silva
2nd	Ashton Anderson	Using Machine Learning to Detect and Identify Food Products for the Sight Impaired	8	Correia Middle School	J. Flosky
2nd	Emilio Gandara	Coding a Game	8	St. John of the Cross Catholic School	G. Krumm
2nd	Oscar Plasencia	N-Gram Fitness!	7	Nazareth School	M. Reed
3rd	Logan Benintend Koe Goodsell	Generating Color Through Coding an Infinity Mirror	7 7	The Rhoades School	R. Hunker
3rd	Liora Berg	Look Away: Vision App	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Emilio Cisneros	What Materials Block WiFi Signal	7	Bonita Vista Middle School	C. Cardenas
3rd	Diego Cruz	At What Angle Does Light Show Up the Clearest in a Spectrometer?	8	Wangenheim Middle School	M. Silva
3rd	Mateo Gamboa Jacob Gracias	Programming a Tic-Tac-Toe Game	8 8	St. John of the Cross Catholic School	G. Krumm

JUNIOR DIVISION	EARTH & PLANETARY SCIENCE
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1st	Marcus Catanzaro	Percolation: Quantifying the Movement of Water Through Soil	8	Pacific Beach Middle School	G. Greenberg
1st	Sophia Tamashiro	The Effect of Different Types of Sunscreens on Brine Shrimp	8	City Tree Christian School	M. Lee
2nd	Morgan Brady	Why is there Extra Light in our Skies?	8	Stella Maris Academy	A. Jones

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Place	Project Title	Grade	School	Teacher/Advisor	
2nd	Alecsandra Inocentes	The Effect of Salt Level on Plant Growth	8	St. Michael Academy San Diego	M. Escalante
2nd	Gabriela Serena	Wave Runup and Ocean Floor Composition	7	St. Michael's School - Poway	J. Poling
3rd	Kalani Adolpho	Is the Size of the Tornado Affected by Water Temperature ?	7	Nativity School	T. Lunn
3rd	Julia Kaplan	Which Oil Makes the Best Rainbow?	8	San Diego Jewish Academy	L. Deveau
3rd	Emily Tran Kaia Lam	How Does Temperature Affect the Mineral Amount In Different Types of Water?	8 8	Wangenheim Middle School	M. Silva
3rd	Joe Rascon	Plants & Colors	7	St. Didacus Parish School	R. Blickenstaff
3rd	Kandice Alvarado	The Impact of Light Pollution	7	Corfman School	I. Leon
4th	Valentina Castro Isabella Perez	Which Biodegradable Method Works the Best	8 8	Our Lady of Mount Carmel	J. Pererya, SJS
4th	Danae Santana-Oikawa Estefania Valencia	Preventing Forest Fires	8 8	Our Lady of Mount Carmel	J. Pereyra, SJS

SENIOR DIVISION	ENGINEERING: ELECTRICAL & MECHANICAL
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1st	Christopher Caligiuri	Novel Stimulation of Stem-Cell Derived Brains to Model Neurodevelopmental and Neurodegenerative Diseases	11	Canyon Crest Academy	A. Haas
1st	Marc Kuo	Read My Mind: Morse Code Communication By Measuring Electrical Activity From Eye Blinking	10	La Jolla High School	J. Coggan
1st	Michael Zeng	For the Deaf to "Hear" - An Experimentation of Augmented Reality	10	The Bishop's School	B. Heldt
2nd	Solaiman Alwazir	Alzheimer's Aid	9	Bright Horizon Academy	N. Naserelddin
3rd	Eva Garcia	Renewable Energy Produced by Solar Tracking	10	Central Union High School	L. Rueda
3rd	Adrian Isabelle	A Low Cost Motion Detector Using Modern Engineering Technologies	12	Olympian High School	M. Claudio
3rd	Diego Monroy	Winds of Change	9	Vincent Memorial Catholic High School	R. Lizarraga
3rd	Ziyad Soliman	Stop That Car!	10	Classical Academy High School	N. Naserelddin

JUNIOR DIVISION	ENGINEERING: ELECTRICAL & MECHANICAL
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1st	Tom Bamford Ashur Taylor	Constructing an Affordable Robotic Device that Automates Multiple Agricultural Tasks	8 8	The Rhoades School	R. Hunker
1st	Chris Choi	Solectricity	7	Corfman School	I. Leon

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1st	Jennine Manalo	8	St. Rita's Catholic School	A. Rice
1st	Cecilia Moxley	8	De Portola Middle School	M. Bridges
1st	Orion Tamayo	8	Farb Middle School	P. Huntington
1st	Kyle Tianshi	8	The Cambridge School High School	M. Mayne
2nd	Kareem Bassyouni	7	Bright Horizon Academy	N. Naserelddin
2nd	Nathan McKinney	8	Good Shepherd Catholic School	Mary A. McNeil
2nd	Leanne Murray	8	Wangenheim Middle School	M. Silva
2nd	Thomas Recalde	7	St. Mary Star of the Sea School	J. Alonso
2nd	Jaime Santos	8	Corfman School	C. Butler
2nd	Lorenzo Valenzuela	7	Corfman School	I. Leon
3rd	Michael Apalatea Brendan Cordaro	8 8	St. John School - Encinitas	G. Heins
3rd	Abigail Bayot Ashley Sanchez	8 8	St. Rita's Catholic School	A. Rice
3rd	Gavin Britt	8	De Portola Middle School	L. Yepiz
3rd	Katherine Celestino	8	St. John of the Cross Catholic School	G. Krumm
3rd	Anderson Escudero	6	St. Mary Star of the Sea School	J. Alonso
3rd	Isabella Garcia	7	Bonita Vista Middle School	C. Shimasaki
3rd	Andres Knoll Miguel Morales	8 8	St. John of the Cross Catholic School	G. Krumm
3rd	Christopher Meyer	6	St. Mary Star of the Sea School	J. Alonso
3rd	Wesley Newton	8	St. Didacus Parish School	R. Blickenstaff
3rd	Luke Norin	6	City Tree Christian School	M. Lee

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Place	Project Title	Grade	School	Teacher/Advisor	
4th	Noah Pritsker	The Real Way to Open a Coconut	8	Soille San Diego Hebrew Day School	M. Bessler

SENIOR DIVISION	ENGINEERING: ENERGY & TRANSPORT			
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1st	Bella Rose Schremmer	Powered Piers and Beaches by the Rise and Fall of Waves -- A Novel Wave Energy Conversion Application	9	University City High School	M. Quessenberry
3rd	Jose Vallejo	Aerodynamics & Bridge Design	9	Gompers Preparatory Academy	J. Ulloytt

JUNIOR DIVISION	ENGINEERING: ENERGY & TRANSPORT			
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1st	Asher Duben	Energy Shoe	8	Soille San Diego Hebrew Day School	M. Bessler
1st	Kyle Estep	Soaring Through the Science of Rockets	8	Farb Middle School	P. Huntington
1st	Jaeyoung Jeon Ryan Kim	Experimental System Designs to Improve Energy Efficiency of Vehicle in Real World Road Conditions	8 8	Mesa Verde Middle School	R. Bird
1st	Nicholas Usher	Superconductors: The Future of Transportation?	8	Classical Academy Middle School	J. Morrow
1st	Kashifa Vellore	Harvesting Piezoelectricity from Commonly Used Devices	7	Bernardo Heights Middle School	L. Cao
2nd	Cameron Brooks	Why Does a Wind Turbine Need to Have a Good Aerodynamic Design	7	Bonita Vista Middle School	C. Shimasaki
2nd	Shane Garcia	Aero - Potato	8	St. John School - Encinitas	G. Heins
2nd	Ronit Munshi	Robotic Insect	7	Carmel Valley Middle School	Siobhan C. Kelly
2nd	Luke O'Leary	Effects of Temperature on Hydroelectric Energy	7	St. Gregory the Great Catholic School	S. Dasgupta
2nd	Alondra Villa	What's the Best Cooking Pot Material?	8	Chula Vista Middle School	G. Saclauso-Caro
3rd	Brenda Cervantes Mya Navarro	Parachutes: Does Size Matter?	8 8	National City Middle School	K. Langel
3rd	Max Colucci Evan Humphrey	Rocket Cars	8 8	St. John School - Encinitas	G. Heins
3rd	Evan King	The Test Track	8	Wangenheim Middle School	T. Mendibles
3rd	Janina Kosol	How Does the Shape of a Skateboard Affect Speed	8	Wangenheim Middle School	T. Mendibles
3rd	Jose Lopez	Energy in the Sky	8	Our Lady of Guadalupe Academy	J. Patton

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
3rd	Isaac Reyes	Light and Action	8 Southwest Middle	E. Barron
3rd	Daniel Slinsky	Rocket Models	7 Our Lady of Mount Carmel	J. Pereyra, SJS
4th	Isabella Lugo	Water=Electricity?	8 Good Shepherd Catholic School	M. McNeil
4th	Leonardo Perez	What Makes a Helicopter Fly?	8 Our Lady of Mount Carmel	J. Pereyra, SJS
4th	Tony Pham	How Does the Length of a Catapult Arm Affect the Distance a Ball is Launched?	8 Wangenheim Middle School	T. Mendibles
4th	Jorge Razo	DIY Potato Charger vs DIY Dill Pickle Charger	8 Chula Vista Middle School	G. Saclauso-Caro
4th	Frederic Riaza	Gas Mileage Put to the Test	8 St. Peter the Apostle Catholic School	T. Fantano

SENIOR DIVISION

ENGINEERING: MATERIALS & BIOENGINEERING

1st	Aurora Czajkowski	Engineering an Affordable and Sustainable Water Filtration Device	12 Bonita Vista High School	M. Mardahl-Dumesnil
1st	Emily Tianshi	Atmospheric Moisture Harvesting Device: Biomimicking Torrey Pine Needles	11 The Cambridge School High School	M. Mayne
2nd	Issael Montoya	The Effect of Salt and Sugar on a Microbial Fuel Cell	10 Central Union High School	L. Rueda
2nd	Ann Palayur	Saving Habitats and Water Via Controlled Plant Environments	12 St. Joseph Academy	R. Sjogren
3rd	Mohammad Khan	Finding an Effective, Self-Cleaning Water Treatment Solution	9 Bright Horizon Academy	N. Naserelddin
3rd	Shaun Konganda	Comparing SSVEP & P300 in BCI Brain-Computer Interface	11 Canyon Crest Academy	A. Haas
3rd	Cecilia Ymaz	Desalinate-It-Yourself: Desalinating Salt Water Using A DIY Filter	9 Chula Vista High School	G. Saclauso-Caro

JUNIOR DIVISION

ENGINEERING: MATERIALS & BIOENGINEERING

1st	Lilian Englund	Bioplastics: Cleaning Up Our Oceans	8 St. Mary Star of the Sea School	J. Alonso
1st	Veronica Griger	Is It Possible to Make a Biodegradable Straw Out of Casein Plastic?	7 Coastal Academy	B. Biernacki
1st	Marcos McKone-Sweet Colten Tretinjak	Paper Airplanes	7 St. Michael's School - Poway 7	J. Poling
1st	Vincent Vu	Which Type of Inexpensive Soundproofing Produces Effective Soundproofing?	8 Wangenheim Middle School	T. Mendibles
2nd	Ziyad Aly	Hydraulic Powered Robot Cardboard Arm	7 Bright Horizon Academy	N. Naserelddin

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor	
2nd	Sofia Ayesta-Hollstein	The New Water Solution	8	Stella Maris Academy	A. Jones
2nd	Ethan Copon	Can You Trust Your Truss?	7	Bonita Vista Middle School	J. Stell
2nd	Philip Knapton	What Material of Baseball Bats Have the Higher Exit Velocity	7	Nazareth School	M. Reed
2nd	Cooper Lynch	Why It Breaks	8	San Diego Jewish Academy	L. Deveau
2nd	Daniela Teran	Heat Resistance of Concrete	8	St. Didacus Parish School	R. Blickenstaff
2nd	Alexandra Toth Christabella Wilson	Phone Holder	7 7	St. Michael's School - Poway	J. Poling
3rd	Dayna Coates	Raise The Roof-Top Gardens	8	Rancho del Rey Middle School	D. Castillo
3rd	Vincent Michael Cruz	How Does the Amount of Fins Affect a Submarine's Speed?	8	Wangenheim Middle School	T. Mendibles
3rd	Samantha Dagdag	The Comparison of Different Bridge Supports Before Breaking	8	Wangenheim Middle School	T. Mendibles
3rd	Brevan Johnson	How Can Adding Filling to a Cardstock Cylinder Affect Its Stability?	8	Wangenheim Middle School	T. Mendibles
3rd	Nina Maya	Ocean Pollution Solution	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Liam Patterson	Structures that Reduce Tsunami Damage	7	St. Didacus Parish School	R. Blickenstaff
3rd	Tiffany Pham	How Temperature of Materials Affects Sound	8	Wangenheim Middle School	M. Silva

SENIOR DIVISION

ENVIRONMENTAL SCIENCES & MANAGEMENT

1st	Rina Cao	Effect of Cities on Normalized Differences of Land	11	University City High School	S. Stevenson
1st	Kavya Gupta Dagny Whall	A Device to Detect GenX Contaminated Water Using Chemical Indication and Colorimetry	9 10	Westview High School La Jolla High School	H. Eaton
1st	Sanjana Gurram	Optimizing Plant Cellulose for Cost-effective and Environmentally Benign Oil Spill Mitigation	11	Westview High School	My-N. Ingram
2nd	Mason Holmes	Fluorescent Reporter Under MerR-like Receptors for Metallic Ion Contaminant Recognition	10	Canyon Crest Academy	A. Haas
2nd	Grace Oualline	Determining the Efficacy of Mycelium Water Filtration Systems	11	La Jolla Country Day School	D. Padgett
2nd	Sabrina Sanchez	One Man's Trash Is Another Worm's Treasure	12	Bonita Vista High School	M. Mardahl-Dumesnil

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor	
3rd	Anika Krutzik	Exploring the Biodiversity of the New River Using Molecular Six Techniques Techniques	9	Vincent Memorial Catholic High School	R. Lizarraga

JUNIOR DIVISION	ENVIRONMENTAL SCIENCES & MANAGEMENT
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1st	Adam Esch Grace Millikin	Quantifying the Effectiveness of P. ostreatus in Mycoremediation of Heavy Metals	8 8	The Rhoades School	R. Hunker
1st	Rohan Keswani Elias Samady	Documenting the Prevalence of Invasive Species at the Batiquitos Lagoon	7 7	The Rhoades School	R. Hunker
1st	Willa Norvell	Woolsey Fire Burnt Soil: Analyzing Factors for Native Plant Regrowth	8	The Rhoades School	R. Hunker
2nd	Korina Apostol	Which Form of Insulation is Most Effective in Retaining the Temperature of Hot Green Tea at 0 Degrees Fahrenheit?	8	St. Michael Academy San Diego	M. Escalante
2nd	Kelly Bordine Kaitlyn Podlich	Exploring Water Quality at the Buena Vista Lagoon	8 8	The Rhoades School	R. Hunker
2nd	Fatuma Ismail	Can Bacteria Break Down Engine Oil?	8	Bright Horizon Academy	N. Nasereldin
2nd	Tanner Kamencik	Would a Black Solar Tube Filled with Water Gain More Energy Than a White Solar Tube Filled with Water?	7	All Hallows Academy	J. Meza
2nd	Kyla Lay	Flowers and Erosion	8	St. Didacus Parish School	R. Blickenstaff
2nd	Emely Larios	Constructing Bio-Plastic as a Replacement for the Traditional Petroleum Based Plastic	8	Chula Vista Middle School	T. Tom
2nd	Kayla Leung	How Much Carbon Dioxide is Produced by Different Gas Sources?	8	St. Michael Academy San Diego	M. Escalante
2nd	Alyssa Ortega	Air Pollutants In Our Environment	8	Corfman School	C. Butler
2nd	Valeria Teran	Soil Bearing Capacity	8	St. Didacus Parish School	R. Blickenstaff
3rd	Jacob Antonio Brando Banco	How Does the Presence of Heavy Metals Affect Aquatic Environments?	8	Wangenheim Middle School	M. Silva
3rd	Hector Camarena	Can I Make It Rain For Cheap?	8	Farb Middle School	P. Huntington
3rd	Karol Carbajal Osdanna Robledo	Recycling Greenhouse	8 8	Our Lady of Mount Carmel	J. Pereyra, SJS
3rd	Sebastian Dailey Jacob MacNab	Which Interior is Most Economical?	7 7	St. Michael's School - Poway	K. McHale
3rd	Ryan De Guzman	H2 Oh No! Which San Diego Public Parks Have the Cleanest Drinking Water?	8	Good Shepherd Catholic School	Mary A. McNeil
3rd	Raquel Delgado	How Much Air Pollution is There in Places Visited Every Day	7	All Hallows Academy	J. Meza

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
3rd	Savanna Grodeman	8	Chula Vista Middle School	T. Tom
3rd	Alayda Guerrero	8	Chula Vista Middle School	G. Saclauso-Caro
3rd	Emilie Lindsey	8	City Tree Christian School	M. Lee
3rd	Alex Rotunda	7	St. Peter the Apostle Catholic School	T. Fantano
3rd	William Sheldon	8	St. Joseph Academy	R. Hanson
3rd	Gretchen Silva	8	Chula Vista Middle School	G. Saclauso-Caro
4th	Ana Banda Carrillo	6	Our Lady of Guadalupe Academy	J. Patton
4th	Celeste Bernal Sofia Esguerra	7 7	Our Lady of Mount Carmel	J. Pereyra, SJS
4th	Eoin Buechs Alex Burkart	8 8	St. John School - Encinitas	G. Heins
4th	Colin Dionne	7	St. Peter the Apostle Catholic School	T. Fantano
4th	Marcos Hernandez	8	St. Didacus Parish School	R. Blickenstaff
4th	Joseph Lambert	7	Nativity School	T. Lunn
4th	Stephanie Liang	7	Bonita Vista Middle School	C. Cardenas
4th	Tyler Petersen	8	De Portola Middle School	M. Bridges
4th	Ethan Rhee	7	St. Didacus Parish School	R. Blickenstaff
4th	Peyton Slinkard	7	St. Didacus Parish School	R. Blickenstaff

SENIOR DIVISION

MATHEMATICAL SCIENCES

1st	Benjamin Faktor	11	Canyon Crest Academy	A. Haas
2nd	Lou Fowler	10	Academy of Our Lady of Peace	T. Paluso
2nd	Siddhant Ranka	11	Del Norte High School	A. Callicott

JUNIOR DIVISION

MATHEMATICAL SCIENCES

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place		Project Title	Grade	School	Teacher/Advisor
1st	Nandana Madhukara	Mathematical Origami Models for Space Structures Based on the Axial Compressibility of Cones	7	Pacific Trails Middle School	K. Freeman
2nd	Levi Katriel	Analyzing NFL Statistics To Determine Impacts of Injuries on Team Performance	8	The Rhoades School	R. Hunker

SENIOR DIVISION

MEDICINE & HEALTH SCIENCES

1st	Andrew Gao	Scan, Sequence, Save: Early Lung Cancer Detection via Novel DNA Methylation Liquid Biopsy and Deep Learning Assisted Imaging Analysis	10	Canyon Crest Academy	A. Haas
1st	Ryan Huang	Manipulation of Gut Microbiome by Prebiotic to Combat Alcoholic Liver Diseases	10	Canyon Crest Academy	A. Haas
1st	Atulya Mandyam	SCH 23390 Inhibits Cell-Death Produced by Methamphetamine in Human Neuronal Progenitor Cells	10	Westview High School	My-N. Ingram
1st	Alexis Negrete	ADHD in a Stratified Pediatric Sample: A Study of Prevalence, Comorbid Conditions, & Impairments	12	Central Union High School	L. Rueda
1st	Jason Tang	Understanding the Function of Novel Tumor Suppression Gene UBE1L in Melanoma	11	Canyon Crest Academy	A. Haas
1st	Jeffrey Wang	Multiple Factor Analysis Methods Elucidate Genome Expression Changes Across Cell Types	11	The Bishop's School	A. Pelletier
1st	Lynne Xu	Develop a Human Brain Organoid Model to Investigate Neuroinflammation in Neurological Diseases	11	Torrey Pines High School	B. Belyea
1st	Wanyi Zhu	Molecular Mechanisms of an HTLV Infection	11	Canyon Crest Academy	A. Haas
2nd	Pranav Bantval Rishi Chiniga	The Efficacy of Topical Curcumin 5% Gel for Knee Osteoarthritis: A Pilot Study	9 10	Canyon Crest Academy Francis Parker School	A. Haas
2nd	Emily Feldstein	Oxidized Metabolites of Dietary Fats Induce Liver Cell Death	11	Canyon Crest Academy	A. Haas
2nd	Morgan Feng	A New Efficient Approach to Monitor Cell Response to Viral Infection	10	Westview High School	M. Christopher
2nd	Irene Huang	Assessing Tennis Players' Physiological Responses Using Wearable Devices Under Different Score Scenarios	11	Canyon Crest Academy	A. Haas
2nd	Kainath Kamil	Analyzing Protein Production and Gene Expression of Neurostimulant-addicted <i>Drosophila Melanogaster</i>	10	Mission Vista High School	N. German
2nd	Maxwell Yao	Effect of a Combinatory RNAi Transfection on Kras-mutant Colorectal Cancer	11	Canyon Crest Academy	A. Haas
3rd	Dylan Feldstein	Do Induced Pluripotent Stem Cell-Derived Extracellular Vesicles Reduce Macrophage Activation and Induce Anti-Inflammatory Effects?	11	Canyon Crest Academy	A. Haas

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor	
3rd	Briana Gonzales	The Effect of Age on the Ability to Hear High Frequencies	11	Central Union High School	L. Rueda
3rd	Nanditha Krishnan	Optimization of UV nm Spectroscopy for Protein Concentration for Therapeutic Applications	10	Torrey Pines High School	B. Belyea
3rd	Sebastian Mendoza	Sleep Deprivation on Human Deep Tendon Reflexes	12	Bonita Vista High School	M. Mardahl-Dumesnil
3rd	Andres Morales	Fast Food VS Homemade Food	9	Gompers Preparatory Academy	J. Ullyott
3rd	Jadyn Ramirez	NSAIDs: The Fastest Pain Relief	10	Central Union High School	L. Rueda

JUNIOR DIVISION

MEDICINE & HEALTH SCIENCES

1st	Reem Hmoud	One Step Closer to Ending Diabetes by Choosing the Right Variety of Rice	7	Bright Horizon Academy	N. Naserelddin
1st	Daanya Hussain	Are Probiotics Beneficial for Brain Health?	8	Bright Horizon Academy	N. Naserelddin
1st	Isabel Lehmann	Climber's Chalk: Quantifying Exposure to Magnesium Carbonate Coarse and Fine Particulates	8	The Rhoades School	R. Hunker
1st	Krishna Nagarajan	The Effect of Simple Sugars on Adolescent Heart Rate	8	The Rhoades School	R. Hunker
1st	Bhadra Rupesh	Evaluating Single Nucleotide Polymorphisms in the Correlation of Phenotypes to Type 2 Diabetes	8	The Rhoades School	R. Hunker
1st	Melissa Soberanes	How Pollution is Affecting Children in the Imperial/Mexicali Valley	6	Our Lady of Guadalupe Academy	J. Patton
1st	Sarah Youssef	Will Organic Really Make a Difference?	7	Bright Horizon Academy	N. Naserelddin
1st	Sydney Zhang	Designing A Low-cost, High-sensitivity Method For Early Diagnosis Of Dry Eye Diseases	7	Mesa Verde Middle School	C. Cochran
2nd	Patrick Dockery Gustavo Serena	Hearing Loss When You Use Headphones, Earbuds, and Airpods	7 7	St. Michael's School - Poway	K. McHale
2nd	Sameer Goswami	Investigating Lead Contamination in Children's Consumer Products	8	The Rhoades School	R. Hunker
2nd	Eljen Lacibal	The Effect of Different Liquids on a Liver	8	Wangenheim Middle School	M. Silva
2nd	Audrey Link Divya Sharma	Investigating Antimicrobial Properties of Eco-Friendly Herbal Disinfectants	7 7	The Rhoades School	R. Hunker
2nd	Samantha Meram	Can Your Phone Really Kill You?	8	Corfman School	C. Butler
2nd	Sofia Meyers	Does Being on Your Phone Make You Blink More?	8	St. John School - Encinitas	G. Heins

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
2nd	Moshe Shaked	8	Soille San Diego Hebrew Day School	M. Bessler
2nd	Alek Singer	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Ella Azzeh Evan Dodds	7 7	St. John School - Encinitas	G. Heins
3rd	Ethan Bertellotti Tyler Duong	7 7	St. Michael's School - Poway	K. McHale
3rd	Sania Dogra	8	The Rhoades School	R. Hunker
3rd	Robin Jayco	8	St. Rita's Catholic School	A. Rice
3rd	Alan Luu	8	Farb Middle School	P. Huntington
3rd	Marianna Marasigan	7	Wangenheim Middle School	T. Mendibles
3rd	Ruthie McElfresh	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Orin Mizan	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Max Namazy	8	Mt. Helix Academy	J. Hudson
3rd	Aaron Jonathan Palma	8	St. Rita's Catholic School	A. Rice
3rd	Ivan Valadez	7	Barbara Worth Junior High School	C. Calip

SENIOR DIVISION

MICROBIOLOGY

1st	Haya Belbese	9	Bright Horizon Academy	N. Naserelddin
1st	Kara Fan	9	Westview High School	M. Christopher
1st	Eleanor Jung	9	Mt. Carmel High School	A. Klingborg
1st	Edward Liu	11	Canyon Crest Academy	A. Haas
1st	Shukriya Osman	9	Bright Horizon Academy	N. Naserelddin
2nd	Ryan Clairmont	10	Canyon Crest Academy	A. Haas

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
2nd	Samuel Dimmock	11	Canyon Crest Academy	A. Haas
2nd	Raymond Li	10	Canyon Crest Academy	A. Haas
2nd	Sidharth Udata	10	Canyon Crest Academy	A. Haas
2nd	Yashasvi Vangala	11	Canyon Crest Academy	A. Haas
2nd	Justin Vaughn	10	Canyon Crest Academy	A. Haas
3rd	Adhithi Narayana Murthy	10	Del Norte High School	A. Callicott
3rd	Nicholas Unpingco	11	Canyon Crest Academy	A. Haas
3rd	Grace Yardley		Canyon Crest Academy	A. Haas
4th	Daud Abdinasir	10	Bright Horizon Academy	N. Nasereldin

JUNIOR DIVISION

MICROBIOLOGY

1st	Abigail Arnold	8	Mt. Helix Academy	J. Hudson
1st	Jonah Berman	7	The Rhoades School	R. Hunker
1st	Leanne Fan	6	Mesa Verde Middle School	D. Fice
1st	Josh Kozak	7	All Hallows Academy	J. Meza
1st	Shannon Stroup	7	Nazareth School	M. Reed
2nd	Ema Escobar	7	St. Didacus Parish School	R. Blickenstaff
2nd	Sophie Howard	8	St. John School - Encinitas	G. Heins
2nd	Sarah Shlemon	7	Classical Conversations	J. Shlemon
2nd	Erin Grace Tuscano	8	St. Michael Academy San Diego	M. Escalante
2nd	Michelle Wilson	7	All Hallows Academy	J. Meza

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
2nd	Ella Yerushalmi	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Meryem Al-Delaimy	8	Bright Horizon Academy	N. Nasereddin
3rd	Farah Aswad	8	Bright Horizon Academy	N. Naserelddin
3rd	America Barron	8	Chula Vista Middle School	G. Saclauso-Caro
3rd	Dominic Berona Sydney Polish	8	Wangenheim Middle School	M. Silva
3rd	Sofia Calatroni	7	All Hallows Academy	J. Meza
3rd	Magnolia Olin	8	Chula Vista Middle School	G. Saclauso-Caro
3rd	Melanni Sandoval	8	The Children's School	D. Quincannon
3rd	Jaelynn Tiong	8	St. Michael Academy San Diego	M. Escalante

SENIOR DIVISION	PHYSICS & ASTRONOMY
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1st	Francisco Catanzaro	Determining Plastics with a Grating Spectrometer	11	Cathedral Catholic High School	M. Rafie
1st	Vivek Vijayakumar	Characterizing the Pulsations of Delta Scuti Stars Using the Mg I b Triplet	11	San Marcos High School	R. Terrill
3rd	Efrain Tanori	Effect of Down Force of the Best Beyblades using a MainStays Fan	11	Central Union High School	L. Rueda

JUNIOR DIVISION	PHYSICS & ASTRONOMY
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1st	Jayden Bamba	Wooden Secret Power Vs. Speed	8	Farb Middle School	P. Huntington
1st	Sawyer Benedict Jake Streitman	Evaluating the Effectiveness of Light Shields Against Skyglow	7	The Rhoades School	R. Hunker
1st	Vikramaditya Sidharth Chandra	Why the Moon Appears Larger Occasionally	7	San Elijo Middle School	S. Bireddy
1st	Micah Hall	Model Rocket Aerodynamics	7	Mt. Helix Academy	J. Hudson
1st	Silas Kyne	Trailer Sway? No Way!	8	St. Joseph Academy	R. Hanson
1st	Jack Licha	Bumper to Bumper	8	Soille San Diego Hebrew Day School	M. Bessler
1st	Tejas Ravi	The Effects of Various Wavelengths on Rod Activity	7	The Rhoades School	R. Hunker

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
1st	Kylie Reyes Determining if Helium Filled Latex Balloons Lose Buoyancy at a Linear or Non-Constant Rate	8	Chula Vista Middle School	T. Tom
2nd	Jacques Allende What Tennis String Produces the Most Spin and Power	7	Nazareth School	M. Reed
2nd	Margherita Buratti How to Get Out of Quicksand	8	The Children's School	D. Quincannon
2nd	Ayann Diones Which Color Absorbs the Greatest Amount of Radiant Energy?	7	St. Michael Academy San Diego	M. Escalante
2nd	Jackson Faust Light Pollution	7	St. John School - Encinitas	G. Heins
2nd	Lucas Fouch Make A Hit Chart Like A Pro	7	Bonita Vista Middle School	C. Shimasaki
2nd	Ty Gagielo Non-Newtonian Fluids vs. Projectile	8	St. Didacus Parish School	R. Blickenstaff
2nd	Breanna Machuca Does the Size of a Parachute Alter It's Landing Speed	8	Chula Vista Middle School	T. Tom
2nd	Andreina Ortiz Rolling Friction	8	St. Didacus Parish School	R. Blickenstaff
2nd	Matthew Pullman The Parachute Predicament	8	St. Joseph Academy	R. Hanson
2nd	Samantha Ryan How Does the Shape of a Paper Airplane Affect Its Ability to Fly?	8	St. Mary Star of the Sea School	J. Alonso
2nd	Aiden Tirabassi Solar Powered Car	6	St. Mary Star of the Sea School	J. Alonso
3rd	Nico Cantore Golf Balls and Price Ranges	8	St. Didacus Parish School	R. Blickenstaff
3rd	Hayden Hinds Fluid Thickness and its Effects on Coil Efficiency	7	Nativity School	T. Lunn
3rd	Ronald Krajewski Project Catapult	7	St. Michael's School - Poway	J. Poling
3rd	Eitan Lugasi Ready For Take-Off	8	Soille San Diego Hebrew Day School	M. Bessler
3rd	Haegan McGarry Elijah White Foooling Gravity	6 6	St. Peter the Apostle Catholic School	T. Fantano
3rd	Diego Sanchez Santiago Vidal Does the Shape of a Parachute Affect Its Speed and Distance?	7 7	Our Lady of Mount Carmel	J. Pereyra, SJS
3rd	Jacob Tabalon The Phenomenon of Naruto Running	8	St. Michael Academy San Diego	M. Escalante
3rd	Leah Wilson May the FORCE Be with You	8	Soille San Diego Hebrew Day School	M. Bessler

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
SENIOR DIVISION				
PLANT SCIENCES				
1st	Malvyn Lai	9	Mt. Everest Academy	R. Pachon
1st	Skyler Williams	11	Canyon Crest Academy	A. Haas
3rd	Noah Nafarrete	12	Bonita Vista High School	M. Mardahl-Dumesnil
3rd	Sarah Palayur	9	St. Joseph Academy	R. Sjogren
4th	Shaun Li	10	Canyon Crest Academy	A. Haas
JUNIOR DIVISION				
PLANT SCIENCES				
1st	Ryanne Marcy Christina Walley	8 8	Coastal Academy	B. Biernacki
1st	Gizcel Mendoza	8	Wangenheim Middle School	M. Silva
1st	Felicity Shallan	8	Mt. Helix Academy	J. Hudson
1st	Rebecca Venger	8	Soille San Diego Hebrew Day School	M. Bessler
2nd	Jodie Marie Cagayao	7	St. Michael Academy San Diego	M. Escalante
2nd	Ashley Hurd	8	Wangenheim Middle School	T. Mendibles
2nd	Jedrick Kantala	8	Wangenheim Middle School	T. Mendibles
2nd	Rozita Kareem	8	Bright Horizon Academy	N. Naserelddin
2nd	Arielle Timtiman	8	Wangenheim Middle School	T. Mendibles
2nd	Noor ValeCruz	8	Chula Vista Middle School	G. Saclauso-Caro
3rd	Alexis Hamel	7	Mt. Helix Academy	J. Hudson
3rd	Hunter Haynes	7	Eastlake Middle School	R. Martinez
3rd	Gregory Leong	7	St. Pius X School	R. Doyle

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
3rd	Hayden Marquez	7	Bonita Vista Middle School	C. Shimasaki
3rd	Joaqui Miranda	8	Wangenheim Middle School	M. Silva
3rd	Emma Morin	6	City Tree Christian School	M. Lee
3rd	Dorcas Ndume	8	City Tree Christian School	M. Lee
3rd	Gabrielle Rafii	8	San Diego Jewish Academy	L. Deveau
3rd	Larianna Riel	8	Wangenheim Middle School	T. Mendibles
3rd	Maria Serra-Fernandez	8	Wangenheim Middle School	M. Silva
4th	Seth Bucholtz	8	The Children's School	D. Quincannon
4th	Carlo Castrejon Omar Castro	7 7	Our Lady of Mount Carmel	J. Pereyra, SJS
4th	Stefania Garcia	7	Bonita Vista Middle School	C. Cardenas
4th	Emilio Morineau	8	Our Lady of Mount Carmel	J. Pereyra, SJS
4th	Sofia Ortiz	7	St. Pius X School	R. Doyle
4th	Morgyn Stack Chloe Thomas	7 7	St. Peter the Apostle Catholic School	T. Fantano
4th	Sylvie Taylor	7	Mt. Helix Academy	K. Mac Donald

JUNIOR DIVISION

PRODUCT TESTING/CONSUMER SCIENCE (Junior Division Only)

1st	Siena Bateman	7	The Children's School	D. Quincannon
1st	James Blue Neelan Patel	8 8	The Rhoades School	R. Hunker
1st	Nicole Chamberlin	8	St. Didacus Parish School	R. Blickenstaff
1st	Anusha Chatha	8	The Rhoades School	R. Hunker
1st	Cameron Do	8	The Rhoades School	R. Hunker

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
1st	Abdullahi Gelle	7	Bright Horizon Academy	N. Naserelddin
1st	Daniel Hotz	8	Mt. Helix Academy	J. Hudson
1st	Jacob Hotz	8	Mt. Helix Academy	J. Hudson
1st	Marcelo Jaber	7	St. Didacus Parish School	R. Blickenstaff
1st	Valentino Jimenez Jackson Ritterbeck	7 7	City Tree Christian School	M. Lee
1st	James Leos	7	St. Didacus Parish School	R. Blickenstaff
1st	Killian McGinnis	7	St. Didacus Parish School	R. Blickenstaff
1st	Rosy Montejo Margaret Nasry	8 8	St. Peter the Apostle Catholic School	T. Fantano
1st	Alyna Oquendo	8	Chula Vista Middle School	G. Saclauso-Caro
1st	Jackson Pawl	7	All Hallows Academy	J. Meza
2nd	Finley Alford	7	All Hallows Academy	J. Meza
2nd	Andrew Barsoumian	8	St. Joseph Academy	R. Hanson
2nd	Maddox Brandenburg Carter Halenza	8 8	The Rhoades School	R. Hunker
2nd	Andalyn Bray Annie Mara	7 7	St. Michael's School - Poway	J. Poling
2nd	Nicolas DeSouza	7	All Hallows Academy	J. Meza
2nd	Elisheva Ertel	8	Soille San Diego Hebrew Day School	M. Bessler
2nd	Sarai Gonzalez Romina Sierra	8 8	Our Lady of Mount Carmel	J. Pereyra, SJS
2nd	Melania Gorou	7	Nazareth School	M. Reed
2nd	Noelle Gray	8	Carlton Hills Middle School	K. Ducharme
2nd	Katie Hayek	8	St. Peter the Apostle Catholic School	T. Fantano

Greater San Diego Science & Engineering Fair
Category Place Awards
2020

Place	Project Title	Grade	School	Teacher/Advisor
2nd	Alexandria Hulse	7	Nazareth School	M. Reed
2nd	Avery Lay	7	St. Didacus Parish School	R. Blickenstaff
2nd	Yacob Serawit	8	St. Didacus Parish School	R. Blickenstaff
2nd	Katie Tran	8	Carlton Hills Middle School	K. Ducharme
2nd	Quynh Tran	8	Wangenheim Middle School	T. Mendibles
2nd	Jonah Villafana	7	St. Pius X School	R. Doyle
3rd	Camila Alatorre	8	Chula Vista Middle School	T. Tom
3rd	Alexa Castro Valeria Castro	6 6	Our Lady of Mount Carmel	J. Pereyra, SJS
3rd	Hector Coronel-Villarreal	8	Corfman School	C. Butler
3rd	Dylan Dullano	7	St. Michael Academy San Diego	M. Escalante
3rd	Joshua Duong	8	Chula Vista Middle School	T. Tom
3rd	Daniel Figueroa-Valdez Vicente Perez-Maytorna	6 6	Our Lady of Mount Carmel	J. Pereyra, SJS
3rd	Trinity Hoang	8	Wangenheim Middle School	M. Silva
3rd	Alayna Maake	7	St. Didacus Parish School	R. Blickenstaff
3rd	Nicholas Miranda	7	St. Michael Academy San Diego	M. Escalante
3rd	Cassie Nguyen	7	St. Didacus Parish School	R. Blickenstaff
3rd	Jayce Tortona	7	Bonita Vista Middle School	J. Stell
3rd	Christopher Tran	8	Wangenheim Middle School	T. Mendibles
4th	Brandon Lau	8	Mt. Helix Academy	J. Hudson