

Riverside County Science & Engineering Fair Winners from Corona Norco Unified School District: **ELEMENTARY DIVISION**

Name	School	Grade	Title	Category	Medal	Special Award
Jackson Blair	Corona Ranch ES	4	Mask On, Mask Off!	Behavioral & Social Science	Silver	
Luke Baron	Temescal Valley ES	4	More Bang in Your Coffee!	Biochemistry	Gold	
Vivian Lee	Temescal Valley ES	4	More Bang in Your Coffee!	Biochemistry	Gold	
Kathryn Glenny	Clara Barton ES	4	Theres Nothing Shrimpy About Poisoning Our Oceans	Chemistry	Gold	Sweepstakes Top Project of Elementary Category and Step Partnership Scholarship Award
Emily Cypher	Corona Ranch ES	4	The Shocking Truth: What Gennerates the Most Static Electricty & How to Avoid It	Engineering, Energy & Transport	Gold	
Srinivasan Harini Sudharsan	Philistine Rondo School of Discovery	5	Does the material of the paper airplane launcher affect the propulsion of the paper airplane?	Engineering, Energy & Transport	Silver	
Emily Roman	Garretson ES	5	Blocking the Signal	Engineering, Materials & Bioengineering	Silver	
Jack Carroll	Wilson ES	4	Does Putting Leaves on the Topsoil Prevent Erosion?	Science & Management	Gold	
Nithish Prakash	Philistine Rondo School of Discovery	5	Acidic Answers	Health & Medical Sciences	Gold	
Lincoln Usher	Eastvale Elementary	5	Should I Wear This Again?	Microbiology	Gold	
Avijeet Randhawa	Garretson ES	5	Powering Farming with Probiotics & Earthworms	Plant Sciences	Gold	
Arav Randhawa	Garretson ES	5	Powering Farming with Probiotics & Earthworms	Plant Sciences	Gold	

*All Gold Medal winners were top project in that division

Riverside County Science & Engineering Fair Winners from Corona Norco Unified School District: **JUNIOR DIVISION**

Name	School	Grade	Title	Category	Medal	Special Award
Andrew Glenny	Dr. Augustine Ramirez MS	7	Dog Paw Dominance	01 Animal Science	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier
James Glenny	Dr. Augustine Ramirez MS	8	Dog Paw Dominance	01 Animal Science	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier
Azmund Manalad	Philistine Rondo School of Discovery	6	Can Highlighters Effectively Boost Short-Term Memory Recall	02 - Behavioral and Social Sciences	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier
Nizmund Manalad	Philistine Rondo School of Discovery	6	Can Highlighters Effectively Boost Short-Term Memory Recall	02 - Behavioral and Social Sciences	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier
Morgan Yi	Letha Raney Intermediate	8	Do Foods Pass Gas?!?	03 - Biochemistry	Silver	
Leonardo Bugarin	Home Gardens Academy	8	What solution will make the biggest Lichtenberg figure on a piece of wood?	05 - Chemistry	Bronze	
Sophie Quezada	Letha Raney Intermediate	7	How can we Stop Ocean Acidification?: Restoring the Ocean's pH	07 - Earth and Planetary Science	Gold	NASA Earth System Science Award, RCSEF Broadcom MASTERS Nominees, State Qualifier
Asha Zachariah	Ben Franklin ES	6	What Material Would Best Protect People with Pacemakers from a Wifi Signal?	08 - Embedded Systems	Gold	State Qualifier
Dhyannah Thakor	Harada ES	6	Can you build a cleaner, fuel efficient and less costly race car engine?	09 - Engineering: Electrical Mechanical	Bronze	
Andrew Lin	Letha Raney Intermediate	8	Effectiveness of Common Materials to Redirect Magnetic Fields	11 - Engineering: Materials Bioengineering	Silver	
Damian Maher	Eastvale ES	6	The Unmatched Strength of Arches	11 - Engineering: Materials Bioengineering	Silver	
Sophia Baca	Home Gardens Academy	8	Preventing Trash From Going Down Storm Drains	11 - Engineering: Materials Bioengineering	Bronze	Inventor Scholarship Prize
Giselle Barragan	Citrus Hill Intermediate	7	Water for all: Can changing the order of layers in a water filter provide clean water?	12 - Environmental Sciences Management	Silver	
Lara Randhawa	Auburndale Intermediate	7	Probiotic Power: How Does Yogurt Impact the Lifespan of Fruit Flies?	13 - Health Medical Sciences	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier
Minnah Shaikh	Corona Fundamental Intermediate School	7	Antibacterial Properties of Garlic	15 - Microbiology	Gold	State Qualifier
Jinu Zachariah	Corona Fundamental Intermediate School	7	Viscosity is Shocking!	16 - Physics and Astronomy	Silver	
Alena Talreja	Dr. Augustine Ramirez MS	8	Discovering New Techniques of Generating Charge from Plants	17 - Plant Sciences	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier
Danni Brasher	Clara Barton ES	6	Development and Analysis of a Student-Created Mood Assessment and Messaging App: How Does Message Frequency Affect the Moods of Elementary, Middle, and High School	19 - Systems Software	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier
Zachary Brasher	Dr. Augustine Ramirez MS	8	Created Mood Assessment and Messaging App: How Does Message Frequency Affect the Moods of Elementary, Middle, and High School Age Participants?	19 - Systems Software	Gold	RCSEF Broadcom MASTERS Nominees, State Qualifier

*All Gold Medal winners were top project in that division

Riverside County Science & Engineering Fair Winners from Corona Norco Unified School District: **SENIOR DIVISION**

Name	School	Grade	Title	Category	Medal	Special Award
Loyna Rism	Centennial HS	9	Lethal Metals: Investigating the Effects of Metallic Nanoparticles on D. Magna	01 - Animal Sciences	Gold	State Qualifier
Ajandini Srirajan	Centennial HS	9	Lethal Metals: Investigating the Effects of Metallic Nanoparticles on D. Magna	01 - Animal Sciences	Gold	State Qualifier
Sarah Stutsman	Corona HS	10	Auto-dissemination: A Novel and Effective Tool in Mosquito Control?	01 - Animal Sciences	Silver	U.S. Metric Association, RCSEF ISEF 2021 Finalists
Konmal Ali	Centennial HS	12	The BitterSweet Solution: Investigating a Plant-Derived Insulin Analog Using the Hypoglycemic Activities of Polypeptide-P and AdMc1 in Momordica Charantia	03 - Biochemistry	Gold	Broadcom Foundation Sponsorship Award, Science and Technology Education Partnership (STEP), Sweepstakes Award: Top Project in the Senior Division, State Qualifier
Anubhav Chandla	Centennial HS	12	The BitterSweet Solution: Investigating a Plant-Derived Insulin Analog Using the Hypoglycemic Activities of Polypeptide-P and AdMc1 in Momordica Charantia	03 - Biochemistry	Gold	Sponsorship Award, Science and Technology Education Partnership (STEP), Sweepstakes Award: Top Project in the Senior Division, State Qualifier
Anisha Prasad	Centennial HS	10	Incorporating Plasmid DNA into Escherichia Coli	04 - Cellular and Molecular Biology	Silver	
Rachelle Kim	Centennial HS	11	Dissolving Plastic	05 - Chemistry	Bronze	
Dimple Amitha Garuadapuri	Eleanor Roosevelt HS	11	A Deep Learning Approach to Correlating Neurodegenerative Disease, Chronic Illness, and Environmental Factors	06 - Computational Biology and Bioinformatics	Gold	Mu Alpha Theta, RCSEF ISEF 2021 Finalists, State Qualifier
Ryan Friedman	Centennial HS	10	Using a Computer Program to Diagnose Diseases	06 - Computational Biology and Bioinformatics	Silver	U.S. Agency for International Development (USAID)
Shivansh Soni	Centennial HS	10	Using a Computer Program to Diagnose Diseases	06 - Computational Biology and Bioinformatics	Silver	U.S. Agency for International Development (USAID)
Victor Xiao	Centennial HS	10	Using a Computer Program to Diagnose Diseases	06 - Computational Biology and Bioinformatics	Silver	U.S. Agency for International Development (USAID)
Jeewan Kaur	Eleanor Roosevelt HS	11	Vision-Zero: A Future Without Alcohol-Impaired Fatalities Utilizing Deep Learning and Computer Vision	08 - Embedded Systems	Gold	Broadcom Foundation Sponsorship Award, Science and Technology Education Partnership (STEP), Sweepstakes Award: Top Project in the Senior Division, State Qualifier
Carson Ruhnke	Santiago HS	9	Which Fan Shape Produces the Most Energy	09 - Engineering: Electrical Mechanical	Silver	
Mason Torres	Corona HS	10	Where's My Mask?	09 - Engineering: Electrical Mechanical	Silver	
Jasminne Ancira	Centennial HS	10	Wind Powered Phone Charger	09 - Engineering: Electrical Mechanical	Silver	
Jasmeet Gill	Centennial HS	10	Wind Powered Phone Charger	09 - Engineering: Electrical Mechanical	Silver	
Tanisha Vatandar	Centennial HS	10	Wind Powered Phone Charger	09 - Engineering: Electrical Mechanical	Silver	
Abdul - Aleem Mevawala	Centennial HS	12	Particle Collider: Small, Cheap, Efficient	09 - Engineering: Electrical Mechanical	Bronze	
Carlos Zavala	Centennial HS	12	Particle Collider: Small, Cheap, Efficient	09 - Engineering: Electrical Mechanical	Bronze	
Ellorie Anne Mariano	Centennial HS	11	Conditioning Systems by Utilizing a VFD, Banking Capacitor, and an Economizer to Maximize Power Efficiency	11 - Engineering: Materials Bioengineering	Gold	Air Pollution Research Center Award, State Qualifier

Madison Sacriste	Centennial HS	12	An Alternative to Copper	11 - Engineering: Materials Bioengineering	Silver	
Khushi Kumar	Centennial HS	12	Examination on Photovoltaic Cell	12 - Environmental Sciences Management	Silver	
Aisha Randhawa	Corona HS	10	Unmasking the Link Between Obesity and the Dust in Our Homes	13 - Health Medical Sciences	Gold	State Qualifier
Sanskriti Balaji	Eleanor Roosevelt HS	12	An Investigation of Endotracheal Tube Biofilm Formation in the Development of Ventilator Associated Pneumonia	13 - Health Medical Sciences	Silver	
Harshikasai Kellampalli	Eleanor Roosevelt HS	12	An Investigation of Endotracheal Tube Biofilm Formation in the Development of Ventilator Associated Pneumonia	13 - Health Medical Sciences	Silver	
Elizabeth Ramos	Eleanor Roosevelt HS	12	An Investigation of Endotracheal Tube Biofilm Formation in the Development of Ventilator Associated Pneumonia	13 - Health Medical Sciences	Silver	
Zakariya Syed	Centennial HS	9	How Far Can You See Without Looking?	13 - Health Medical Sciences	Bronze	
Sreehitha Palle	Centennial HS	10	Regeneration of Planaria Under Electromagnetic Radiation	15 - Microbiology	Silver	
Trinity Shaker	Centennial HS	10	Regeneration of Planaria Under Electromagnetic Radiation	15 - Microbiology	Silver	
Emelie Hernandez	Centennial HS	11	Estrogen on Simulated Hepatic Fibrosis Suppression with a Modeled Bloodstream Infection of Escherichia Coli	15 - Microbiology	Silver	
Isis Mejia	Centennial HS	11	Estrogen on Simulated Hepatic Fibrosis Suppression with a Modeled Bloodstream Infection of Escherichia Coli	15 - Microbiology	Silver	
Jellah Mae Corteza	Centennial HS	12	How Do Differing Asteroids Affect the Depth of Crater When Dropped From a Known Height?	16 - Physics and Astronomy	Silver	
Owen Joyce	Corona HS	9	Maximizing Food Production III	17 - Plant Sciences	Gold	State Qualifier
Derek Hsieh	Centennial HS	10	Identifying Nutritional Information using Machine Learning	19 - Systems Software	Gold	State Qualifier
Thomas Rife	Eleanor Roosevelt HS	11	Seeing Reality	19 - Systems Software	Silver	
August Wetterau	Eleanor Roosevelt HS	11	Seeing Reality	19 - Systems Software	Silver	

*All Gold Medal winners were top project in that division