

Special Awards

Contra Costa Science and Engineering Fair - 2011

13 Projects were invited to and are competing in the California State Science Fair in May. They are highlighted in orange.

Award	Recipient	School	Project	Prize
Chevron Innovation Award Sr Division	Yasamin Haider	Deer Valley	The Effects of Time on the Orbits of Globular Clusters	\$750
Chevron Innovation Award Sr Division	David Avunanya	Deer Valley	Lunar Crater Counting	\$750
Chevron Innovation Award Sr Division	Jackson Schleider	Deer Valley	The "Hydrosphere": Responsible Efficiency in Water Bottles	\$750
Bio-Rad: Junior Division- Best in Biological	Katelyn Rodriquez	NorthCreek Academy	Best Calorie Burner: Wii or Reality	\$200
Bio-Rad: Senior Division- Best in Biological	Matthew Fedderson & Blake Marggraff	Acalanes	Simulated Treatment of Cancer with Photoelectric Effect Secondary Radiation	\$300
John Muir Health: Excellence in Potential for Improving Healthcare in the Future	Matthew Fedderson & Blake Marggraff	Acalanes	Simulated Treatment of Cancer with Photoelectric Effect Secondary Radiation	\$100

John Muir Health: Excellence in Potential for Improving Healthcare in the Future	Janice Nam & Olivia Quadros	Adams Middle School	Measuring Knee Stress with a Mechanical Model	\$100
John Muir Health: Excellence in Potential for Improving Healthcare in the Future	Aloizio Costa	De La Salle	Risk Factors for Concussions	\$100
John Muir Health: Excellence in Potential for Improving Healthcare in the Future	John Jankowski	De La Salle	How Do Omega 3 Fatty Acids Affect Cell Membrane Strength	\$100
GenOn Energy: Energy Production	Madison Martin	Adams Middle School	Double or Triple Dip Scoop: Hoe Different Blade Sizes Affect Wind Turbine Efficiency	\$100
GenOn Energy: Environmental Conservation	Kevin Nguyen	De La Salle	Does Mechanical Harvesting Accelerate the Growth of Ergeria densa?	\$100
GenOn Energy: Environmental Conservation	Nicholas Paz	De La Salle	Coral Pollution: Effects of Tricaine Methane Sulfonate on Seriatopora Coral	\$100
GenOn Energy: Environmental Conservation	Gaetan Ingrassia	De La Salle	Power Walking: Electricity from People in Motion	\$100

GenOn Energy: Energy Efficiency	Emma Starr	NorthCreek Academy	Rocket Stove Launching into Clean Air	\$100
Intel Excellence in Computer Science Best Project 9- 12th	Vipul Kashyap	Deer Valley	Software Complexity Measurement	Certificate and \$200
Amer.Meteor.Soc.- Achievement in Atmospheric and Hydrologic Science	Kevin Nguyen	De La Salle	Does Mechanical Harvesting Accelerate the Growth of Ergeria densa?	Certificate
Amer.Meteor.Soc.- Achievement in Atmospheric and Hydrologic Science	Nicolas Paz	De La Salle	Coral Pollution: Effects of Tricaine Methane Sulfonate on Seriatopora Coral	Certificate
Amer. Psych. Soc.- Excellence in Psychological Research	Otto Scheffler	De La Salle	That's Not Funny	Certificate
ASM Materials Educ Foundation- Best Materials Engrg Project	Jared Ericksen	NorthCreek	Shake, Rattle and Hold	Certificate
Assoc.Women GeoScientists- Best in Geosciences (female)	Joy Koonin	NorthCreek Academy	From Waves to Waterbottles: Cheap and Effective Seawater Desalination	Certificate
Mu Alpha Theta Math Honor Soc. 9-12th Creative Math Problem Solving	David Avunanya	Deer Valley	Lunar Crater Counting	Certificate

Natl Soc. Prof. Engineers- Best Engineering Project	Jackson Schleider	Deer Valley	The "Hydrosphere": Responsible Efficiency in Water Bottles	Certificate, Lapel Pin
Natl Oceanic & Atmos. Admin. "Pulse of the Planet Award"	Nicholas Paz	De La Salle	Coral Pollution: Effects of Tricaine Methane Sulfonate on Seriatopora Coral	Certificate, Letter, Medallion
U.S.Metric Assoc. 9-12th Project Best Demon. Quant. Measurement w/SI	Gaetan Ingrassia	De La Salle	Power Walking: Electricity from People in Motion	Certificate
Ricoh Regional Sustainable Development Award	Matthew Bryne	De La Salle	Living Roofs: Specialized Plant Species and Their Effects on the Roof's Thermal Properties	Certificate
Stockholm Water Prizes- Sr.Div 3 Best Water Related Research Projects	John Pericich	De La Salle	Using Water Vapo froma Shower and Zeolite/Water Vapor Adsorption Heating System to Heat Air	Certificate
Stockholm Water Prizes- Sr.Div 3 Best Water Related Research Projects	Nicolas Paz	De La Salle	Coral Pollution: Effects of Tricaine Methane Sulfonate on Seriatopora Coral	Certificate
Stockholm Water Prizes- Sr.Div 3 Best Water Related Research Projects	Luke O'Brien	De La Salle	Reproduction Rate of Asian Clam Corbicula fluminea	Certificate

U.S. Air Force: Sr.Div. Best in Math, Comp.Sci., Engrg, Phys. Science	Vipul Kashyap	Deer Valley	Software Complexity Measurement	Tote bag, Mug, Sports Bottle
U.S. Air Force: Sr.Div. Best in Math, Comp.Sci., Engrg, Phys. Science	Kevin Gunderson	De La Salle	The Light of Incidence, Does it Effect Mental Acuity	Tote bag, Mug, Sports Bottle
California Society for Biomedical Research	Matthew Feddersen & Blake Marggraff	Acalanes	Simulated Treatment of Cancer with Photoelectric Effect Secondary Radiation	\$250 per Team Member
Broadcom Masters	Benry Sheehan	Adams Middle School	What Golf Ball Would You Chose	Entry
Broadcom Masters	Andrew Johnson	Holy Rosary	Hot n Cold	Entry
Broadcom Masters	Matthew VanderKlugt	Holy Rosary	Hot n Cold	Entry
Broadcom Masters	Madison Martin	Adams Middle School	Double and Triple Dip	Entry
Goethe Institut	Cierra Provan	Liberty High School	Candy Chromatography	Drawing: Trip to Germany

Goethe Institut	Matthew Garcia	De La Salle	Designing and Building a Mobile Reconnaissance Robot	Drawing: Trip to Germany
The Society In Vitro Biology	Dale Satre & Tiffany Zhou	Heritage High School	Effect of Garlic Juice on E. Coli Growth	Certificate
California State Science Fair	Justin Jorge	De La Salle	Natural Spider Repellents	Entry
California State Science Fair	Richard Chavez, Justin Sin, Obioma Onuoha	Deer Valley	The Microbial Fuel Cell: Is Warmer Better?	Entry
California State Science Fair	Andrew Clausen	Deer Valley	Singers vs Instrumentalists: A Test of Relative Pitch Sense	Entry