

## Monte Vista School District Results – Colorado Science & Engineering Fair – April 2014

Monte Vista was represented by 7 students on April 10<sup>th</sup> through 12<sup>th</sup> in Fort Collins: Taylor Rocha, Brycen Hotz, AJ Smith-Martinez, Nick DuPont, Colby Self, Alyssa Rawinski, and Molly Nehring! We also had a HS student observer, Kerstin Rilling, who volunteered and helped with various aspects of the fair. Each of these students worked extremely hard to reach this level of competition, and did an outstanding job representing themselves, our science program, and the district as a whole. Congratulations to them all, and THANK YOU to all the sponsors who helped make this trip a success!

This year's CSEF hosted 250 projects, with over 400 individual Special and Grand awards being given. All our Monte Vista students performed exceptionally well during the judging phase, enjoyed a presentation from a Nobel laureate discussing fascinating data on global climate change obtained from satellite data, and learned a great deal on various tours across the CSU campus. Please enjoy reading the list of awards the students received below...

One of our teachers also received a high honor this year – Lockheed Martin's CSEF Teacher of the Year! The teacher is Loree' Harvey! She now marks the third sponsor in the district to receive this award, (the most for any district in the state), the first being Gary Wilkinson in 2003, and the second being Doug Steward in 2008. The award also includes a \$3000 grant to be used to support and enhance the district's science fair program!

Taylor Rocha also received an excellent scholarship – one year of tuition and fees toward attending Adams State University! Both Taylor and Colby Self will be attending the International Science and Engineering Fair to be held in Los Angeles on May 11th -16th. This is Taylor's 3<sup>rd</sup> consecutive trip to ISEF, and Colby's 1<sup>st</sup>... good luck to both of them!!

AJ Smith-Martinez	<b>Honorable Mention</b> , Medicine & Health Category
Alyssa Rawinski	Air & Waste Management Association Award
Brycen Hotz	Colorado Chemistry Teachers Association Award
Colby Self	<b>2nd Place</b> , Plant Sciences Category Air & Waste Management Association Award Nomination to Broadcom Masters Competition
Kerstin Rilling	CSEF Poster Contest - 2015 Design
Molly Nehring	<b>3rd Place</b> , Best CSEF Projects -Junior Division <b>1st Place</b> , Mathematics & Computer Science Category Constant Family Award for Excellence in Computer Science UNC, Mathematics and Science Teaching Institute Award Nomination to Broadcom Masters Competition
Taylor Rocha	<b>2nd Place</b> , Environmental Science Category Colorado Association of Science Teachers Award One Year Tuition & Fees Scholarship at ASU

### **6<sup>th</sup> Grade**

Andrew Jared Smith-Martinez  
Brycen Hotz

### **Title**

"1 Huff 2 Huff"  
"Antioxidants in Tea"

### **7<sup>th</sup> Grade**

Alyssa Rawinski  
Molly Nehring  
Nick DuPont

"Does Your Soil Have Gas? Can Soil Types Predict Radon Levels?"  
"Pondering Paths with Python"  
"Splat!?"

### **8<sup>th</sup> Grade**

Colby Self

"Do Colorado Plants Need a Gas Mask?"

### **12<sup>th</sup> Grade**

Taylor Rocha

"A Potential Management Strategy for the Endangered Southwestern Willow Flycatcher: Effects of Early Season Wildfire on Foraging and Nesting Riparian Habitat"