

**Monte Vista School District Results – Colorado Science & Engineering Fair – April 5<sup>th</sup>-7<sup>th</sup> 2018**



Monte Vista was well represented by ten finalists in Fort Collins this weekend!!

**Matyson Jones, Marissa Martinez, Amber Michel, Gus Miller, Madison Miller, Molly Nehring, Sara Nehring, Alyssa Rawinski, Camille Rawinski, and Andres Villa**

One student volunteer/observer, Amanda Avila, also attended and assisted the Fair director with several support tasks during the day of registration and judging. 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 the parents, school board members, administration, MVMS and MVHS staff, and sponsors who helped make this trip a huge success!

This year's CSEF hosted 325 excellent projects with over 400 students attending. Our students performed **exceptionally** well during the judging phase, and participated in several science-related tours across the CSU campus. They also listened to a fascinating presentation from Dr. Janet McAllister, from the Center for Disease Control in Fort Collins, CO. Dr. McAllister worked for CDC at the "front lines" of the Zika virus outbreak in Florida, and described the sophisticated, modern techniques to identify and eradicate this debilitating virus.

Please enjoy reading the list of awards the students received below. Additionally, **Amber Michel, Molly Nehring,** and **Alyssa Rawinski** have **ALL** qualified to compete at the International Science and Engineering Fair (ISEF) in Pittsburgh, PA, on May 13<sup>th</sup>-18<sup>th</sup>, 2018! Sending **THREE STUDENT FINALISTS** to ISEF is **a first** for our school district, and is a real testament to the hard work and effort these ladies put forth!! Camille Rawinski and Sara Nehring will also attend ISEF as Student Observers!! Please wish all these ladies the best of luck at ISEF!!

**Awards:**

Matyson Jones

Air & Waste Management Association Award  
NOAA Taking the Pulse of the Planet Award

Marissa Martinez

**Honorable Mention**, Behavioral & Social Sciences Category

Amber Michel

**Second Place**, Environmental Sciences Category  
American Meteorological Society, Award for Excellence in Atmospheric Science Research  
Geological Society of America, Award in Environmental Geology  
Rocky Mountain Water Environment Association, Water Research Award  
Trout Unlimited River Conservation Award  
Stockholm Junior Water Prize  
ASU 5K Scholarship with potential for Renewal  
CSM 1K Scholarship with potential for Renewal

Madison Miller	Air & Waste Management Association Award Colorado Geographic Alliance, Application of Geography Award Colorado Mineral Society, Best Earth Science Award
Molly Nehring	<b>Second Place</b> , Physics Category US Navy & Marine Corps, Office of Naval Research Award
Sara Nehring	<b>Third Place</b> , Mathematics & Computer Sciences Category
Alyssa Rawinski	<b>First Place</b> , Animal Sciences Category <b>Fourth Place</b> , Best of CSEF Project ( <i>and award of Finalist for ISEF</i> ) CSU 1K Scholarship, renewable for 3 years
Camille Rawinski	<b>Second Place</b> , Animal Sciences Category Nomination to the 2018 Broadcom MASTERS Competition
Andres Villa	<b>Honorable Mention</b> , Behavioral & Social Sciences Category

### Projects:

Matyson Jones – 9 <sup>th</sup> grade	<i>“Global Storming? Is Climate Change Intensifying the Number and Duration of Tropical Storms and Hurricanes?”</i>
Marissa Martinez – 7 <sup>th</sup> grade	<i>“Can I Go To The Bathroom?”</i>
Amber Michel – 11 <sup>th</sup> grade	<i>“The Alamosa River Watershed: A Proving Ground for Natural Selection”</i>
Gus Miller – 6 <sup>th</sup> grade	<i>“Stop Horsing Around with My Hydration”</i>
Madison Miller – 7 <sup>th</sup> grade	<i>“Well, Well, Well, What Do We Have Here?”</i>
Molly Nehring – 11 <sup>th</sup> grade	<i>“Far Out! Analyzing NASA’s Kepler Space Telescope Data Using the Transit-Timing Variation Method to Discover Additional Exoplanets in Planetary Systems”</i>
Sara Nehring – 9 <sup>th</sup> grade	<i>“Small World Networks: I Know Someone You Know, But You Don’t Know It and Neither Do I”</i>
Alyssa Rawinski – 11 <sup>th</sup> grade	<i>“Mealworms... A Potential Solution to the Global Plastic Problem”</i>
Camille Rawinski – 8 <sup>th</sup> grade	<i>“I’m Sensing Bias: Does Poor Conformation in Quarter Horses Affect Certain Senses?”</i>
Andres Villa – 9 <sup>th</sup> grade	<i>“Virtual Illness: Can Virtual Reality Cause Motion Sickness?”</i>