



Monte Vista was well represented by thirteen Finalists in Fort Collins this weekend!!

Amanda Avila, Trinady Gonzales Matyson Jones, Marissa Martinez, Amber Michel, Gus Miller, Madison Miller, Molly Nehring, Sara Nehring, Amada Quintana, Alyssa Rawinski, Camille Rawinski, and Andres Villa

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! I'd also like to send a special **thank you** out to Gary Wilkinson, Ken Michel, and Mark Hotz who recognized and helped us troubleshoot a mechanical problem with the bus, and kept things running smoothly!

This year's CSEF hosted 316 excellent projects with approximately 400 students attending. Our students performed **exceptionally** well during the judging phase, watched the inspirational movie "Science Fair" from National Geographic, and participated in several science-related tours across the CSU campus.

Please enjoy reading the list of awards the students received below. Additionally, **Amber Michel, Sara Nehring,** and **Alyssa Rawinski** have **ALL** qualified to compete at the International Science and Engineering Fair (ISEF) in Phoenix, AZ, on May 12th-17th, 2019! This is a phenomenal accomplishment for all three of these young ladies! Camille Rawinski and Andres Villa will also attend ISEF as Student Observers!! Please wish **all** of these students the best of luck at ISEF!!

Awards:

Amanda Avila & Trinady Gonzales

Adams State University – 5K Scholarship with potential for renewal

Marissa Martinez

First Place - Behavioral & Social Sciences Category
Broadcom Masters Nomination

Amber Michel	Third Place - Environmental Sciences Category American Meteorological Society - <i>Award for Excellence in Atmospheric Science Research</i> Colorado Mineral Society – <i>Best Earth Science Award</i> Colorado Scientific Society – <i>Excellence in Geology Award</i> Rocky Mountain Water Environment Association - <i>Water Research Award</i> Society for Mining, Metallurgy & Exploration Colorado Section - <i>Excellence in Mineral Science & Engineering Award</i> Trout Unlimited - <i>River Conservation Award</i> Water Environment Federation - <i>Stockholm Junior Water Prize</i>
Gus Miller	Frank Armbruster Foundation - <i>Armbruster Memorial Award</i>
Madison Miller	Second Place - Animal Sciences Category CSU Colorado Natural Heritage Program - <i>Colorado Natural Heritage Program Conservation Award</i>
Molly Nehring	United States Department of Commerce - <i>Award for Excellence in Science and Engineering</i> Intel Foundation - <i>Ryan Patterson Scholarship</i> (2K to college of choice)
Sara Nehring	First Place - Mathematics & Computer Sciences Category Third Place - Best of CSEF Project (and award of Finalist for ISEF) University of Northern Colorado - <i>Mathematics and Science Teaching Institute Award</i> Wilkins Family - <i>Young Entrepreneur's Award</i> Colorado State University – <i>1K Scholarship, renewable for 3 years</i> Intel Corporation - <i>Intel Excellence in Computer Science Award</i>
Amada Quintana	Second Place – Behavioral & Social Sciences Category American Psychological Association - <i>Outstanding Achievement in Psychological Sciences Award</i>
Alyssa Rawinski	First Place , Environmental Sciences Category
Camille Rawinski	Second Place , Animal Sciences Category American Vacuum Society: Rocky Mountain Chapter - <i>Excellence in Physical Sciences & Engineering Award</i> Colorado Association of Science Teachers - <i>CAST Award</i> Colorado Environmental Health Association - <i>Environmental Health Award</i> Colorado Foundation for Agriculture - <i>Jack Fenwick Award for Agricultural Science</i>
Andres Villa	Honorable Mention , Environmental Sciences Category

Projects:

Amanda Avila & – 12th grade Trinady Gonzales	<i>“Let There Be Light: The Effects of UV Rays on Bacterial Growth in Food”</i>
Matyson Jones – 10th grade	<i>“Fire Storm: Examining the Relationship between El Nino/La Nina Weather Cycles and Wildfire in the Western US”</i>
Marissa Martinez – 8th grade	<i>“Imagine the Perfect Title!”</i>
Amber Michel – 12th grade	<i>“Rock On: Limestone’s Potential to Improve Water Quality in the Alamosa River Drainage”</i>

Gus Miller – 7 th grade	<i>“Device for the Ice!”</i>
Madison Miller – 8 th grade	<i>“Fowl Play: How Different Types of Recreational “Play” Affects the Flush Response of Waterfowl”</i>
Molly Nehring – 12 th grade	<i>“Galactic Outcasts: A Simulation and Study of the Interaction Between Stars Within Globular Clusters”</i>
Sara Nehring – 10 th grade	<i>“Pattern Recognition Using Neural Networks in the MATLAB Programming Environment”</i>
Amada Quintana – 10 th grade	<i>“The Effects of Stress on Teenage Substance Use”</i>
Alyssa Rawinski – 12 th grade	<i>“Tracking Microplastics through a Food Chain to Determine the Effectiveness of Plastic Biodegradation in Mealworms”</i>
Camille Rawinski – 9 th grade	<i>“UnBEElievable Pollination - Examining the Effects of Air Pollutants on Bumble Bee Pollination?”</i>
Andres Villa – 10 th grade	<i>“Examining the Toxicity of Herbicides on Terrestrial and Aquatic Organisms Susceptible to Contamination”</i>