

2018 SLV Regional Science Fair – Monte Vista High School Results

Whoohoo, what a night!!!! After a lot of hard work, dedication, and late nights at the HS, we have our results from the 69th Annual San Luis Valley Regional Science Fair! We were represented by TWELVE students this year, and they did a **fantastic** job presenting their research on Friday, March 2nd at Adams State University.

On behalf of the students, myself, and Mrs. Randolph, I would like to SINCERELY THANK all the parents, administration, board members, and particularly high school staff members who accommodated, encouraged, and supported these students! We are **extremely** proud of them all!!

Bill Metz Elementary and MVMS also received a tremendous list of awards and recognitions, demonstrating once again that Monte Vista is a **leader** in STEM and academics!!

Wonderful job to ALL the students!!

Following are the participating HS students, and the titles of their projects:

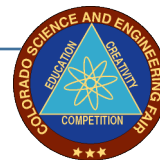
Amanda Avila	<i>Dust in the Wind: Distribution of Airborne Particulates in the Air.</i>
Zonnya Gallegos	<i>Rescue Robot</i>
Blaine Gillespie	<i>Spin-Itching for Some Minerals?</i>
Matyson Jones	<i>Global Storming? Is Climate Change Intensifying the Number and Duration of Tropical Storms and Hurricanes in the Atlantic Basin?</i>
Amber Michel	<i>The Alamosa River Watershed – A Unique Proving Ground for Natural Selection.</i>
Molly Nehring	<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	<i>Small World Networks: I Know Someone You Know, but You Don't Know it and Neither Do I.</i>
Alyssa Rawinski	<i>Mealworms... A Potential Solution to the Global Plastic Problem</i>
Caleb Riggerbach	<i>Is My Corny GMO Being Nice to Microbiology?</i>
Michael Savala	<i>Ferro-solution? Can Iron Nanoparticles Help With Oil Spill Clean-up? PHASE II</i>
Tammy Vigil	<i>A Sandy Solution to Dirty Water</i>
Andres Villa	<i>Virtual Illness: Can Virtual Reality Devices Trigger Motion Sickness?</i>

In addition to the honors listed below, **Matyson Jones, Amber Michel, Molly Nehring, Sara Nehring, Alyssa Rawinski, Michael Savala, and Andres Villa** will represent MVHS at the **63rd Colorado Science and Engineering Fair (CSEF)** on April 5–7, 2018 at Fort Collins, Colorado!!

And finally, **Molly Nehring, Alyssa Rawinski, and Amber Michel (Alternate)** have qualified for the **International Science and Engineering Fair (ISEF)** to be held in Pittsburgh, Pennsylvania, May 13–18, 2018!!! Additionally, Monte Vista Middle School student **Camille Rawinski** was awarded the honor of 8th grade Student Observer at ISEF, and will also be attending this prestigious, international research competition!! This is the **first time** MVSD students have secured **both ISEF spots, Alternate for ISEF**, as well as the **Student Observer** spot!!! This is simply incredible, and is a testament to the hard work and dedication of our students and the amazing support network they are provided...

All I can say is... WOW!!!!!!

Please wish ALL of our students the best of luck at these Fairs!



Project Category Awards

<i>Behavioral Sciences</i>	Andres Villa	1st Place (CSEF Qualifier)
<i>Botany</i>	Caleb Riggerbach	2nd Place
<i>Botany</i>	Blaine Gillespie	Honorable Mention
<i>Chemistry</i>	Michael Savala	1st Place (CSEF Qualifier)
<i>Earth & Space Science</i>	Matyson Jones	1st Place (CSEF Qualifier)
<i>Engineering</i>	Tammy Vigil	2nd Place
<i>Environmental Sciences</i>	Amber Michel	1st Place (CSEF & ISEF Alternate)
<i>Environmental Sciences</i>	Amanda Avila	3rd Place
<i>Math & Computer Science</i>	Sara Nehring	1st Place (CSEF Qualifier)
<i>Physics</i>	Molly Nehring	1st Place (CSEF & ISEF Qualifier)
<i>Zoology</i>	Alyssa Rawinski	1st Place (CSEF & ISEF Qualifier)

Academic and Presentation Awards

<i>Display Award</i>	Molly Nehring	1st Place
<i>Display Award</i>	Amber Michel	Honorable Mention
<i>Display Award</i>	Matyson Jones	Honorable Mention
<i>Paper Award</i>	Alyssa Rawinski	1st Place
<i>Oral Presentation Award</i>	Sara Nehring	1st Place
<i>Originality Award</i>	Andres Villa	1st Place
<i>Overall "Best of Fair"</i>	Alyssa Rawinski	1st Place

Scholarships

<i>Adams State University</i>	Zonnya Gallegos	\$1000
<i>Conejos County Clean Water Scholarship</i>	Alyssa Rawinski	\$1000
<i>Conejos County Clean Water Scholarship</i>	Amber Michel Michael Savala Tammy Vigil	Honorable Mention

Special Awards

<i>Office of Naval Research Award</i>	Matyson Jones Molly Nehring
<i>US Air Force Award</i>	Andres Villa Amanda Avila
<i>Center Soil & Water Conservation District Award</i>	Alyssa Rawinski
<i>Conejos County Soil & Water Conservation District Award</i>	Caleb Riggerbach
<i>Rio Grande County Watershed Conservation & Education Initiative Award</i>	Amber Michel
<i>Soil & Water Conservation Society of America</i>	Caleb Riggerbach
<i>Colorado Rio Grande Restoration Award</i>	Amber Michel
<i>SLV Ecosystem Council Award</i>	Amanda Avila
<i>High School Agricultural Award</i>	Caleb Riggerbach
<i>Colorado Field Institute Environmental Stewardship Award</i>	Amber Michel
<i>Trout Unlimited/Cold Water Resources Award</i>	Amber Michel
<i>Nutrition Award</i>	Caleb Riggerbach
<i>San Luis Valley Regional Medical Center Award</i>	Amanda Avila
<i>High School Computer Award</i>	Molly Nehring Sara Nehring
<i>Jason Romero Memorial Award</i>	Tammy Vigil Andres Villa
<i>American Meteorological Society Award</i>	Amanda Avila Matyson Jones

Association for Women Geoscientists Award

Matyson Jones

Adams State University Walton Sustainable Solutions Award

Alyssa Rawinski

Stockholm Junior Water Prize

Amber Michel
Michael Savala

Intel Excellence in Computer Science Award

Sara Nehring

NASA Earth Systems Science Award

Molly Nehring

Regional Ricoh Sustainable Development Award

Alyssa Rawinski

US Metric System Award

Alyssa Rawinski

Taking the Pulse of the Planet Award (NOAA)

Michael Savala

Yale Science & Engineering Association Award

Tammy Vigil

MVHS now has had 148 students earn the honor of competing at CSEF!!!

MVHS now has had 54 students earn the honor of competing at ISEF!!!

MVHS has now earned the Large High School Award for Thirty-Seven Consecutive Years!

