

## **2017 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 this year's Regional Science Fair! We were represented by TEN students this year, and they did a **fantastic** job presenting their research on Friday, 3/3 at Adams State University.

On behalf of the students, myself, and Mrs. Randolph, I would like to sincerely THANK all the parents, administration, and particularly 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:

<b>Amanda Avila &amp; Trinady Gonzales</b>	<i>Jogging Down Memory Lane</i>
<b>Zonnya Gallegos</b>	<i>Rescue Robot: Walking Robot</i>
<b>Roman Marquez-Fushia</b>	<i>Tsunami vs Wall: Which Will Break?</i>
<b>Amber Michel</b>	<i>What's Your Motivation?</i>
<b>Molly Nehring</b>	<i>Dancing with The Stars: Simulating Multi-Star Solar Systems and the Probability of Planetary Ejection</i>
<b>Parker Randolph</b>	<i>Examining the Effects of Martian Soil, Additives, Water Quality, and Companion Planting on Biomass and Plant Characteristics</i>
<b>Alyssa Rawinski</b>	<i>Western Snowy Plover Nest Site Characteristics and Use of Drone Imagery in Predicting Potential Nesting Habitat</i>
<b>Michael Savala</b>	<i>Ferro-solution? Can Iron Nanoparticles Help With Oil Spill Clean-up?</i>
<b>Tammy Vigil</b>	<i>Killin' Time: Does the Use of Devices Have an Impact on Grades?</i>

In addition to the honors listed below, **Molly Nehring**, **Parker Randolph**, **Alyssa Rawinski**, and **Michael Savala** will represent MVHS at the Colorado Science and Engineering Fair (CSEF) on April 6<sup>th</sup> through 8<sup>th</sup>, 2017 at Fort Collins, Colorado!!

And finally, both **Molly Nehring** and **Alyssa Rawinski** have qualified for the International Science and Engineering Fair (ISEF) to be held in Los Angeles, CA, on May 14-19<sup>th</sup>, 2017!! Additionally, Monte Vista Middle School student **Sara Nehring** was awarded the honor of 8<sup>th</sup> grade Student Observer at ISEF, and will also be attending this prestigious, international research competition!! MVSD has achieved the science fair equivalent of a "hat trick"...This is the FIRST time Monte Vista has secured ALL THREE ISEF spots given at our Regional Science Fair!! Wow!!

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



## **Project Category Awards**

<i>Behavioral Sciences</i>	Amanda Avila & Trindady Gonzales	<b>1<sup>nd</sup> Place</b>
<i>Behavioral Sciences</i>	Amber Michel	<b>2<sup>nd</sup> Place</b>
<i>Earth &amp; Space Science</i>	Parker Randolph	<b>1<sup>st</sup> Place (CSEF Qualifier)</b>
<i>Engineering</i>	Zonnya Gallagos	<b>Honorable Mention</b>
<i>Environmental Sciences</i>	Alyssa Rawinski	<b>1<sup>st</sup> Place (CSEF &amp; ISEF Qualifier)</b>
<i>Environmental Sciences</i>	Michael Savala	<b>2<sup>nd</sup> Place (CSEF Qualifier)</b>
<i>Physics</i>	Molly Nehring	<b>1<sup>st</sup> Place (CSEF &amp; ISEF Qualifier)</b>

## **Academic and Presentation Awards**

<i>Display Award</i>	Parker Randolph	<b>1<sup>st</sup> Place</b>
<i>Display Award</i>	Molly Nehring	<b>Honorable Mention</b>
<i>Paper Award</i>	Parker Randolph	<b>1<sup>st</sup> Place</b>
<i>Oral Presentation Award</i>	Molly Nehring	<b>1<sup>st</sup> Place</b>
<i>Originality Award</i>	Parker Randolph	<b>1<sup>st</sup> Place</b>
<i>Overall "Best of Fair"</i>	Alyssa Rawinski	<b>1<sup>st</sup> Place</b>

## **Special Awards**

<i>Office of Naval Research Award</i>	Parker Randolph
<i>US Air Force Award</i>	Parker Randolph
<i>US Air Force Award</i>	Alyssa Rawinski
<i>Center Soil &amp; Water Conservation District Award</i>	Parker Randolph
<i>Soil &amp; Water Conservation Society of America</i>	Parker Randolph
<i>Colorado Rio Grande Restoration Award</i>	Alyssa Rawinski
<i>SLV Ecosystem Council Award</i>	Michael Savala
<i>Colorado Field Institute Environmental Stewardship Award</i>	Alyssa Rawinski
<i>Wildlife &amp; Natural Resources Conservation Award</i>	Alyssa Rawinski

*High School Lifestyle Improvement Award*

Amanda Avila & Trinady Gonzales

*High School Computer Award*

Alyssa Rawinski

*Jason Romero Memorial Award*

Roman Marquez-Fushia

*Jason Romero Memorial Award*

Michael Savala

*Women in Engineering Award*

Zonnya Gallegos

*American Meteorological Society Award*

Roman Marquez-Fushia

*American Phycology Association Award*

Tammy Vigil

*Mu Alpha Theta Award*

Michael Savala

*NASA Earth System Science Certificate*

Parker Randolph

*Stockholm Junior Water Prize*

Michael Savala

*Taking the Pulse of the Planet Award (NOAA)*

Molly Nehring

*Yale Science & Engineering Association Award*

Parker Randolph

***MVHS now has had 141 students earn the honor of competing at CSEF!!!***

***MVHS now has had 52 students earn the honor of competing at ISEF!!!***

***Monte Vista High School has now earned the Large High School Award for Thirty-six Consecutive Years!***

