

2011 2012 CHMS Honorable Mention List

Life Science Category

Life Technologies Judges Choice Award

Jade Pena: *"Dissolved Oxygen!" The Effect of Aquatic Plants on Oxygen Concentration.*

Physiological Applications in a Life Science Project

Jennifer Cornell & Kennedy Baker: *"Effect of Hot Tub Time on Blood Pressure"*

Outstanding Data Collection

Rachael Shearer: *"Smart Beats." The effect of music on quick recall tests.*

Outstanding Contribution in a Plant Science Project

Lindsey J. Marshal: *"Plant Killers!" How pollution affects germination.*

Outstanding Contribution in a Plant Science Project

Kristen Can: *"What Plants Eat." Investigating the effect of fertilizer compared to compost on plants.*

Outstanding Environmental Applications in a Life Science Project

Maria Nicole Keisler: *"The Contamination Situation." Investigating the Effect of Oil on Aquatic Plants.*

Outstanding Graphic Design in a Life Science Project.

Julia Doszkocs & Alyssa Velasco: *"Roses are Red, Violets are Blue." Investigating pigments in three different types of red flowers.*

Public Safety Applications:

McKenzie Fink & Taylor Wiener: *"Is the call really worth the risk?" Measuring the effect of distraction on reaction time.*

Honorable Mention for Animal Science Application

Andy Torres & Anthony Pena: *"The Refrigeration Eggsperiment"*

Honorable Mention for Animal Science Application

Riley Dallas-Orr: *"Does a larger helping of protein in a chicken's diet affect the size of the eggs they produce?"*

Outstanding Application of Genetics Principles

Aarya Chidambaram: *"Hey Strawberries! I Got Your DNA!" Extraction of DNA from fresh and Frozen Strawberries.*

Outstanding Data Collection in A Life Science Project:

Vincent Chu: *"Muchalicious." The effect of mulch on plant growth.*

Creativity in Data Collection Methodologies

Kyle Manwaring: *"Effect of Moisturizers on Pumpkins."*

Physical Science Category

Environmental Application in a Physical Science Project

Kimberly Wynn: *"Save the Planet With an Egg!" Decalcification of Organic Vs. Conventional Chicken Eggs.*

Musical Science Application

Emily Kimura: *"Good Vibrations!" Investigating the effect of instrument shape on the frequencies of sounds produced.*

Outstanding Experimental Apparatus Construction

Bobby Valencia: *"Heaving Projectiles Using Different Arm Lengths."*

Outstanding Microbiology Application

Juliana Fan and Emerson Yonemura: *"Scrubadubdub!" Investigating the effectiveness of hand sanitizers versus hand soaps.*

Unique Device Construction

Isaac Golden: *"Does size really matter?" Investigating the effect of drum diameter in a homemade air cannon.*

Outstanding Data Collection in a Physical Science Project

Dmytro Shabanov: *"BB Mayhem!" Investigating the effect of BB mass on penetration depth.*

Environmental significance in a Physical Science Project

Andrea Aspajo: *"Fresh vs. Salty" How does salinity affect heating and cooling rates in bodies of water.*

Best Example of Turning a Hobby into a Science Fair Project

Marrick Schuler: *"Does Approach Distance Affect Distance Traveled When Jumping a Dirt Bike?"*

Outstanding Construction in an Aerospace Project

Joey Szalkicwicz & Joey Flores: *"This is Rocket Science!" Investigating the effect of fin number on a rocket's trajectory.*

Outstanding Architectural Project

Nick Sagui: *"Geodesic Domes." How does changing strut length effect structure stability in geodesic domes.*

Outstanding Graphic Design in a Physical Science Project

Miranda Tomaneng and Erin Traber: *“Popcorn!” How to pop corn for maximum efficiency.*

Outstanding Application of The Scientific Method

Chase Pou: *“Exploration!” Do different container shapes make water evaporate faster?*

Outstanding Physiological Connections in a Physical Science Project

Kyra Badiner and Kennedy Didier: *“Soda, the Silent Killer!” The effect of soda on the corrosion of meat.*

Outstanding Sports Science Application

Madison Arnold: *“She Shoots, She Scores!” What is the easiest angle to score a soccer goal?*

Outstanding Experimental Design

Sean Pou: *“Let’s Play Some Paintball!” Carbon dioxide compared to High pressure air as a propellant in paint ball guns.*

Outstanding Experimental Design:

Kristopher Castro: *“Will different temperatures of water affect its solubility with different compounds?”*

Ingenuity in Design and Data Collection Methods

Casey Kamholz: *“Which Firewood Burns the Hottest?”*