

SLVSEF 2017 - Special Awards			
Award Name	Name	School	Project Title
American Institute of Aeronautics and Astronautics - Elementary Division	Abigail Slama-Catron & Eric Snauffer	Midvale Middle School	Rough Air
	Enoch Escobar	American Preparatory Academy	Water Bottle Rockets
American Institute of Aeronautics and Astronautics - Junior Division	Anthony Hill	Churchill Jr. High	No Pressure: The Effects of Martian-Like Atmospheric Pressure on Enzyme Catalyzed Reactions in Plants
American Institute of Aeronautics and Astronautics - Senior Division	Annie Yun	West High	Using Machine Learning to Identify Asteroid Collisional Families
	Alex Engstrom & Alex Mastrangelo	West High	Electrohydrodynamic Thrusters
American Meteorological Society	Wensen Zhang	Hillcrest High	Trajectory Prediction of Atlantic Hurricanes With A Multi-Layer Perceptron Artificial Neural Network
American Psychological Association	Angela Pham	AMES High School	Emotional Super Bowl
American Society of Civil Engineers - Elementary Division	Lucas Costello	Trailside Elementary	Marble Mania
	Chase Allen	Grantsville Elementary	Which Suspension Platform Bridge Holds More Weight?
	Kellen Hunnicutt	Whittier Elementary (SLC)	Going Bananas Over Oil Spills
American Society of Civil Engineers - Junior Division	Alexander Housley, Cheyenne Schaffer & Landon Evans	Salt Lake Center for Science Education (SLCSE)	Plastic is the New Rebar
	Scott Gasparac, Jonah Bennett & Nicolas Bowman	Salt Lake Center for Science Education (SLCSE)	simple earthquake resistance
	Breanna Lund	Clarke N. Johnsen Jr. High	Rust In Peace
American Society of Civil Engineers - Senior Division	Andreas Melchor & Sam Reed	Salt Lake Center for Science Education (SLCSE)	Determining Fuel Conservation with Interstate Interchange Modification
	Divyam Goel	West High	Resource recovery from liquid waste: A strategy for ensuring food security
	Gussie Scott	Salt Lake Center for Science Education (SLCSE)	Using Stable Nitrogen Isotope Spectrometry to Analyze Elms and Phragmites as Potential Environmental Indicators for Nitrogen Pollution in the Jordan River
ASM Materials Education Foundation	Mitchell Simmons	West High	Exploring Sustainable Materials Made From Waste Products and Their Applications
Association for Women Geoscientists - Junior Division	Alyssa Bardugon	J.E. Cosgriff Memorial	Is there a relationship between air pollution and the reflectivity of snow?
	Elise Perry	Challenger	Can CO2 be Scrubbed from the Atmosphere?
Association for Women Geoscientists - Senior Division	Tara Horscroft	Entheos Academy	Evaluating Salt Lake County Watershed [Phase 1: Utilizing a low cost method to detect polluted surface water outfalls and misconnected drainage on the Jordan River]
	Julia Sherman	West High	The Correlation Between Presence of Radon Gas in Residences and Diagnosis of Type 1 Diabetes
ASU Walton Sustainability Solution Initiatives	Julia Sherman	West High	The Correlation Between Presence of Radon Gas in Residences and Diagnosis of Type 1 Diabetes
	Tara Horscroft	Entheos Academy	Evaluating Salt Lake County Watershed [Phase 1: Utilizing a low cost method to detect polluted surface water outfalls and misconnected drainage on the Jordan River]
Air and Waste Management Association	Mason Buxton	American Preparatory Academy	The Problem of Particulates Produced by Fuels Used in Small Engines
Elphel Inc.	Emma Wasson & Jaren Hudson	Blue Peak High School	Swarm Robotics
Intel Excellence in Computer Science	Cassandra Ivie	Entheos Academy	Coding "The Incredible Machine: Creating a simplified coding system for engineering education
The Leonardo - Elementary Division	Dylan Bolman	American Preparatory Academy	Visual Sound
The Leonardo - Senior Division	Timmanee Loveless	West High	Where's that confounded bridge?: The Effect of Bridge Placement on Excited Harmonics from a Stringed Instrument

Mu Alpha Theta	Alan Zhao	Hillcrest High	Modeling Traffic Flow Using Advanced Mathematics
NASA Earth System	Annie Yun	West High	Using Machine Learning to Identify Asteroid Collisional Families
National Oceanic and Atmospheric Administration	Tara Horscroft	Entheos Academy	Evaluating Salt Lake County Watershed [Phase 1: Utilizing a low cost method to detect polluted surface water outfalls and misconnected drainage on the Jordan River]
	Amanda Thatcher	Highland High	The Carbon Sequesterator
Neuroscience Initiative	Rori Phibbs	Juan Diego Catholic High	Cannabidiol (CBD) is an Effective Anti-seizure Drug; But is it Safe? The Cognitive Effects of Cannabidiol in C57Bl/6 Mice
	Sai Parsawar	Hillcrest High	MS of MS: An Investigation of the Cerebrospinal Fluid Proteome of Multiple Sclerosis Patients Using Bruker maXis II ETD Mass Spectrometry
Recursion Pharmaceuticals - Junior Division	Fiona Trinite	Hillside Middle School	It's A Match
	Clara Tandar	West High	The Effects of Vitamin C on Melanoma
Recursion Pharmaceuticals - Senior Division	Alexander Cheng	Hillcrest High	Analysis of Retinal Fundus Images to Detect Macular Degeneration Using Machine Learning Methods
Ricoh Americas Corporation	Tara Horscroft	Entheos Academy	Evaluating Salt Lake County Watershed [Phase 1: Utilizing a low cost method to detect polluted surface water outfalls and misconnected drainage on the Jordan River]
Salt Lake Public Utilities	Tara Horscroft	Entheos Academy	Evaluating Salt Lake County Watershed [Phase 1: Utilizing a low cost method to detect polluted surface water outfalls and misconnected drainage on the Jordan River]
Student Advisory Board - Junior Division	Hannah Olschewski	Entheos Academy	Sit up Straight: Developing an Ergonomic Chair from scratch
Student Advisory Board - Senior Division	Julia Sherman	West High	The Correlation Between Presence of Radon Gas in Residences and Diagnosis of Type 1 Diabetes
Society for In Vitro Biology	Darshan Shimpi	Juan Diego Catholic High	Exploring the Differences Between Rodent/Mouse TRPM8 and Human TRPM8
Stockholm Junior Water Prize	Tara Horscroft	Entheos Academy	Evaluating Salt Lake County Watershed [Phase 1: Utilizing a low cost method to detect polluted surface water outfalls and misconnected drainage on the Jordan River]
	Grace Wang	West High	An Eggsperiment: Removal of Copper from Aqueous Solutions using Eggshell Wastes
	Divyam Goel	West High	Resource recovery from liquid waste: A strategy for ensuring food security
	Gussie Scott	Salt Lake Center for Science Education (SLCSE)	Using Stable Nitrogen Isotope Spectrometry to Analyze Elms and Phragmites as Potential Environmental Indicators for Nitrogen Pollution in the Jordan River
	Hyrum Ivie	Entheos Academy	The Water Bug: Creating a Remotely Operated Vehicle for Water Quality Testing
	Nihal Kariparduc & Zachary Maynard	Beehive Academy	Can Mineral Oil Solidify Motor Oil?
US Metric Association	Vikrant Ragula & Kanishka Ragula	Skyline High	A Robotic Approach to De-escalating Police/Civilian Interactions During Traffic Stops
US Air Force - Junior Division	Clara Tandar	West High	The Effects of Vitamin C on Melanoma
	Christopher Li	West High	p16INK4A Mutations in Individuals with Multiple Melanomas
US Air Force - Senior Division	David Zhong	Skyline High	A Quantitative Comparison of Water Consumption and Venation between Normal and Damaged Leaves
	Daeun Sung	West High	Directing Neural Stem Cell Differentiation through Engineering the Extracellular Matrix
US Navy - Junior Division	Rachel Maxfield	American Preparatory Academy	Wheeling Water
	Alexandre Andtbacka	The Madeleine Choir School	How Do Different Solvents Affect Orbeez?

	Anthony Hill	Churchill Jr. High	No Pressure: The Effects of Martian-Like Atmospheric Pressure on Enzyme Catalyzed Reactions in Plants
	Michael Silas	Challenger	Holding Carbon Dioxide Captive
US Navy - Senior Division	Chelsea Li	West High	An Anti-Inflammatory Drug with Anti-Cancer Properties: Aspirin Inhibits Motility and Colony Formation of Melanoma Cells and Transformed Melanocytes
	Elainna Ng	Juan Diego Catholic High	Effects of Diet-Induced Binge Eating on Behavioral Control of Feeding
	Sai Parsawar	Hillcrest High	MS of MS: An Investigation of the Cerebrospinal Fluid Proteome of Multiple Sclerosis Patients Using Bruker maXis II ETD Mass Spectrometry
Utah Department of Transportation - Elementary Division	Abigail Slama-Catron & Eric Snauffer	Midvale Middle School	Rough Air
Utah Department of Transportation - Junior Division	Nicholas Falkner	St. Vincent de Paul School	Off the Rails with Superconductors - the Future of Frictionless Transportation
Utah Department of Transportation - Senior Division	Vikrant Ragula & Kanishka Ragula	Skyline High	A Robotic Approach to De-escalating Police/Civilian Interactions During Traffic Stops
XMission	Kaatje Fisk	Salt Lake Center for Science Education (SLCSE)	Minimizing the Spread of Invasive Species Using Improved Watercraft Monitoring Technology
Yale Science and Engineering	Isaac Christensen & Evan Culer	Salt Lake Center for Science Education (SLCSE)	Exploring the Economic Efficiency of Solar Power
Director's Award - Elementary Division	William Clingenpeel	Hawthorne Elementary	Shake and Wake
Director's Award - Junior Division	Emma Grealley	Ecker Hill Middle School	Human-Powered Generator: An Engineering Solution (Phase III)
Director's Award - Senior Division	Julia Sherman	West High	The Correlation Between Presence of Radon Gas in Residences and Diagnosis of Type 1 Diabetes
Broadcom MASTER	Sierra Heflin & Lily Chinster	Emerson Elementary	The Big Bone Theory: Is Bone Width Determined by Weight?
	Corinne Simao	Challenger	How Much Fluoride Is In Your Water?
	Marianne Liu	Midvale Middle School	Savvy Salt
	Wesley Perkins	Weilenmann School of Discovery	How does the size of a diamagnetic substance effect how high it levitates?
	Gabriel Williams	Peruvian Park Elementary	How long does Vitamin C last in fresh fruits and juices?
	Julien Grijalva	St. Joseph Elementary School	Statements: Are They More Powerful than you Think?
	Elena Ruegemer	Weilenmann School of Discovery	How Do Exterior Sunshades Effect The Interior Building Temperature?
	Ruby Gardner	Altara Elementary	Magnets Hot vs. Cold
	Henry Roghaar & Thomas Baird	Highland Park Elementary	Fastest Freezing
	Jacob Anderson	St. John the Baptist Middle School	Go Bananas For Science
	Eric Neklason	Hawthorne Elementary	Salty Cysts
	Drew Stevens	Albion Middle School	Are Leopard Geckos Food Critics Too?
	Fiona Sawyer	Bonneville Elementary	Fluoride, Good for Teeth and Skis?
	Nathaniel Loveless	Fox Hills ALC	Oil Spill Cleanup
	Luca Senn	Ecker Hill Middle School	Where's My Wi-Fi?
	Elizabeth Barney	Morningside Elementary	A New Spin on Dizziness
	Abigail Slama-Catron & Eric Snauffer	Midvale Middle School	Rough Air
	Clara Tandar	West High	The Effects of Vitamin C on Melanoma p16INK4A Mutations in Individuals with Multiple Melanomas
	Christopher Li	West High	
	Rachel Maxfield	American Preparatory Academy	Wheeling Water
	Alexandre Andtbacka	The Madeleine Choir School	How Do Different Solvents Affect Orbeez?
	Anthony Hill	Churchill Jr. High	No Pressure: The Effects of Martian-Like Atmospheric Pressure on Enzyme Catalyzed Reactions in Plants
	Michael Silas	Challenger	Holding Carbon Dioxide Captive

	Matylda Blaszcak	J.E. Cosgriff Memorial	What is the correlation between the presence of a SNP, caffeine metabolism, and ancestry?
	Mark Monette	Our Lady of Lourdes	Liar, Liar, Map on Fire: Using Color to Influence Perception
	Sachi Sharma	Challenger	Spice It Up!
	Keegan Gilbert	St. John the Baptist Middle School	Going the Distance
	Ellie De Groote	Churchill Jr. High	The Power Inside Us
	Alexandria McOmber	Beehive Academy	Thermal Impedance
	Acacia Ott, Chayla Masina & Gilberto Rejon	Salt Lake Center for Science Education (SLCSE)	Plastic Biodegradation by Mealworms and Waxworms
	Lily Sibthorp	J.E. Cosgriff Memorial	Which of Salt Lake City's Seven Watersheds Produces the Cleanest Water in Non-purified Form?
	Luqman Abdi	Salt Lake Center for Science Education (SLCSE)	Preserving Cucumbers
	Lauren Cook	J.E. Cosgriff Memorial	What is the Optimal Cutting Board Surface to Avoid Gluten Cross-Contamination in Food Preparation?
	Henry Chen	Challenger	The Effect of Object Weight and Liquid Density on the Buoyant Force an Object Experiences
	Fatima Zaidi	Albion Middle School	Enzyme-Catalyzed Reactions— What Affects Their Rates?
	Nicholas Falkner	St. Vincent de Paul School	Off the Rails with Superconductors - the Future of Frictionless Transportation
	Marley Rosello	J.E. Cosgriff Memorial	How Does Talking and Texting Affect Driving Reaction Time?
	Alyssa Bardugon	J.E. Cosgriff Memorial	Is there a relationship between air pollution and the reflectivity of snow?
	Jack Saber	J.E. Cosgriff Memorial	Global warming and the increase of water temperature on fish populations.
	Caroline Dalton	Wasatch Jr. High	Multiple Sclerosis Patients Feeling Frozen?
I-SWEEEP	Isaac Christensen & Evan Culer	Salt Lake Center for Science Education (SLCSE)	Exploring the Economic Efficiency of Solar Power
GENIUS	Divyam Goel	West High	Resource recovery from liquid waste: A strategy for ensuring food security
	Isaac Bromley-Dulfano	AMES High School	Puzzle Panels
	Kaatje Fisk	Salt Lake Center for Science Education (SLCSE)	Minimizing the Spread of Invasive Species Using Improved Watercraft Monitoring Technology