

SLVSEF 2016 - Special Awards			
Award Name	Name	School	Project Title
American Institute of Aeronautics and Astronautics (AIAA), Utah Section - Elementary Division	Zane Pitz	Willow Elementary	Automotive Aerodynamics
	Eliza Pearson	Cottonwood Elementary	It's a Bird! It's a Plane?! - What Shapes Are More Invisible to RADAR?
American Institute of Aeronautics and Astronautics (AIAA) - Junior Division	Victor Petrov	Midvale Middle School	Stall Prevention and Recovery
American Institute of Aeronautics and Astronautics (AIAA) - Senior Division	Spencer Kenison	Tooele High	Lift It
	Jaren Hudson	Blue Peak High School	Building PWDRD
American Society of Civil Engineers - Elementary	Collin Komer	Middle Canyon Elementary	Resisting Destruction
	Lily Wheeler	Hawthorne Elementary	Lego to 3D Filament
	Forrest Coughenour & Graeson Coughenour	Ecker Hill Middle School	Ocean Water Desalination
American Society of Civil Engineers - Junior Division	Benjamin Hight	Hillside Middle School	Green Grass, Less Water
	Pearl Marden	St. Joseph Elementary School	Green to Green: Waste to Wealth
	Sathyashri Muruganandam	Wasatch Jr. High	Hydropower
American Society of Civil Engineers - Senior Division	Vikrant Ragula	Skyline High	Roofie: A Novel Method for Automatic Installation of Roof Shingles
	Kanishka Ragula	Skyline High	WaterSmart: 'ClearWater Revival' A Novel Method for Separating Clear Residential Waste Water from Gray and Waste Water
	Alan Zhao	Hillcrest High	Traffic Efficiency Study of Car Spacing at a Red Light
American Meteorological Society	Titus Quah	West High	Modeling Carbon Reservoirs and their Properties
American Psychological Association	Laurel Smith	Monticello Academy	The Effect of Reminding Students to Check their Answers on Student Performance
ASM Material Education Foundation	Timmanee Loveless	West High	The Effect of Functional Gradation on Flexural Strength of Simulated Bone
Association for Women Geoscientists - Junior Division	Elisabeth Klehr	The McGillis School	Shake the Brace with Mass
	Erica Strand	J.E. Cosgriff Memorial	Third World Water
	Audrey Glende & Greta Asay	Clayton Middle School	Nasty Nitrogen: Effect of Development on Nitrogen Levels in Rivers
Association for Women Geoscientists - Senior Division	Gussie Scott	Salt Lake Center for Science Education (SLCSE)	Using Stable Isotope Spectrometry to Trace Nitrogen Pollution in the Jordan River
	Claire Russon	Salt Lake Center for Science Education (SLCSE)	Using Stable Carbon Isotopes in Tree Rings to Create a History of Fossil Fuels in Salt Lake's Atmosphere
	Haley Segura	Salt Lake Center for Science Education (SLCSE)	Fire Reconstruction History and Environmental Disturbances of Range Creek, Utah
ASU Walton Sustainability Solutions Initiatives	Titus Quah	West High	Modeling Carbon Reservoirs and their Properties
	Julia Sherman	West High	The Efficiency of Methane Capture via the Anaerobic Digestion of Food Waste in Residences
Elphel	Jaren Hudson, Michael Whitney & Casey Cooper	Blue Peak High School	Building PWDRD
	Thomas Chapman	American Preparatory Academy	The Alarm Clock Touch
Air and Waster Management Assocation	Titus Quah	West High	Modeling Carbon Reservoirs and their Properties
Intel Excellence in Computer Science	Alexander Cheng	Hillcrest High	Using Machine Learning and Image Segmentation to Analyze Retinal Blood Vessel Densities
The Leonardo - Elementary Division	Aditya Suresh & Indy Debirk	Oakridge Elementary	Red Light, Green Light
The Leonardo - Senior Division	Angela Pham	AMES High School	Musical Minds
The Leonardo - Junior Division	Lucy Myers	Clayton Middle School	Ski Wings

Mu Alpha Theta	Jack Garzella	Juan Diego Catholic High	Resistance is Futile: On the solvability of the inverse Schrodinger and conductivity problems
National Oceanic and Atmospheric Administration	David Zhong	Wasatch Jr. High	Amazing Leaves - A Study of Leaf's vascular System and Da Vinci's Rule
	Claire Russon	Salt Lake Center for Science Education (SLCSE)	Using Stable Carbon Isotopes in Tree Rings to Create a History of Fossil Fuels in Salt Lake's Atmosphere
Nasa Earth Systems	Alexander George-Kennedy	Juan Diego Catholic High	Superluminal Data Transfer via Photons through Unstabilized Einstein-Rosen Bridges
Neuroscience Initiative	Nithin Chalapathi	West High	The implementation of deep learning to diagnose patients with Alzheimer's disease.
	Jingtong Liu	West High	Promoting Postnatal Growth Ameliorates Retinopathy of Prematurity
Recursion Pharma - Senior Division	Nithin Chalapathi	West High	The implementation of deep learning to diagnose patients with Alzheimer's disease.
Recursion Pharma - Junior Division	Anya Tiwari	Midvale Middle School	Nanotechnology in Diabetes
Ricoh Americas Corporation	Haley Segura	Salt Lake Center for Science Education (SLCSE)	Fire Reconstruction History and Environmental Disturbances of Range Creek, Utah
Salt Lake Public Utilities - Senior Division	Kanishka Ragula	Skyline High	WaterSmart: 'ClearWater Revival' A Novel Method for Separating Clear Residential Waste Water from Gray and Waste Water
Salt Lake Public Utilities - Junior Division	Pearl Marden	St. Joseph Elementary School	Green to Green: Waste to Wealth
Society for In Vitro Biology	DaEun (Anna) Sung	West High	The Manipulation of Neural Stem Cell Differentiation by Glycan-Based, Small Molecules
Stockholm Junior Water Prize	Kanishka Ragula	Skyline High	WaterSmart: 'ClearWater Revival' A Novel Method for Separating Clear Residential Waste Water from Gray and Waste Water
	Divyam Goel	West High	Ensuring Food Security through Nutrient Recovery from Waste Streams
	Alex Perry	Juan Diego Catholic High	Enhancing the Sensitivity of a Copper/Cobalt/Arsenic Biosensor
	Gussie Scott	Salt Lake Center for Science Education (SLCSE)	Using Stable Isotope Spectrometry to Trace Nitrogen Pollution in the Jordan River
	Anna Mancera & Tyrell Floyd	Salt Lake Center for Science Education (SLCSE)	The Effect of Waterborne Viruses on Tetrahymena Strains
US Metric Association	Spencer Kenison	Tooele High	Lift It
US Air Force - Junior Division	Isabella DiNardo	J.E. Cosgriff Memorial	Game On: Does Mindful Gaming Lead to Improvements in Cognitive Function?
	Steele Smith	Draper Park Middle School	Optimizing Velocity from a Magnetic Linear Accelerator
US Air Force - Senior Division	Sai Preethika Parsawar	Hillcrest High	MS of MS with CSF
	Michael Tao	West High	Degrading Gaseous Formaldehyde using an Ag/TiO2 Bi-metallic Nanocomposite Reactor under Visible Light
US Navy - Junior Division	Isabella DiNardo	J.E. Cosgriff Memorial	Game On: Does Mindful Gaming Lead to Improvements in Cognitive Function?
	Steele Smith	Draper Park Middle School	Optimizing Velocity from a Magnetic Linear Accelerator
	Hailey Warden	J.E. Cosgriff Memorial	Bad Air Got Your Lungs?
	Pearl Marden	St. Joseph Elementary School	Green to Green: Waste to Wealth
US Navy - Senior Division	Sai Preethika Parsawar	Hillcrest High	MS of MS with CSF
	Michael Tao	West High	Degrading Gaseous Formaldehyde using an Ag/TiO2 Bi-metallic Nanocomposite Reactor under Visible Light
	Aisha Zwitter	Granite Technical Institute	Selection of Kanamycin-Resistant Genotypes in E. coli
Utah Department of Transportation - Elementary Division	Kate Kaufman	Morningside ALC	Crosser Catastrophe
Utah Department of Transportation - Senior Division	Alan Zhao	Hillcrest High	Traffic Efficiency Study of Car Spacing at a Red Light
Utah Department of Transportation - Junior Division	Hailey Jones	American Preparatory Academy	Goodbye Greenhouse Gases

Xmission	Julia Sherman	West High	The Efficiency of Methane Capture via the Anaerobic Digestion of Food Waste in Residences
Yale Science and Engineering	Michael Tao	West High	Degrading Gaseous Formaldehyde using an Ag/TiO ₂ Bi-metallic Nanocomposite Reactor under Visible Light
Broadcom Masters	Malavika Singh	Hawthorne Elementary	A midwinter blueberry dream
	Emma Greally	Ecker Hill Middle School	Human Powered Generator - An Engineering Solution (Phase II)
	Michael Silas	Challenger	I'm Leaven It
	Charles Topoleski	Blessed Sacrament	What Method of Removing Bacteria from Teeth is The Most Effective
	Audrey Hall	Morningside Elementary	Magnet Madness
	Paige Blair	Indian Hills Middle School	Liar, Liar, Eggs on Fire!
	Charles DeGraffenried	Fox Hills ALC	Almost in Hot Water
	Fiona Kelsey	Morningside Elementary	Do All Liquids Evaporate at the Same Rate?
	Abigail Ross	St. John the Baptist Middle School	High Potential
	Numi Bosteels-Tcaciuc & Mary McDaniel	Ensign Elementary	water wonders
	Abby Curtis	Liberty Elementary	Are Your Eyes Playing Tricks On You
	Arundhati Oommen	Hawthorne Elementary	Manufacture of Eco-Microbeads
	Madelyn Mundy & Elle Taylor	Cottonwood Elementary	Yay or Neigh...
	Garrett Lawton	Middle Canyon Elementary	Effects of Weight Distribution in a Yo-Yo
	Zane Pitz	Willow Elementary	Automotive Aerodynamics
	Henry Chen	Challenger	how does the shape of an object affect its fall speed
	Maren Shope & Emma Kate Johnson	Dilworth Elementary	Conductivity Trends in the Tributaries of the Great Salt Lake
	Isabella DiNardo	J.E. Cosgriff Memorial	Game On: Does Mindful Gaming Lead to Improvements in Cognitive Function?
	Steele Smith	Draper Park Middle School	Optimizing Velocity from a Magnetic Linear Accelerator
	Hailey Warden	J.E. Cosgriff Memorial	Bad Air Got Your Lungs?
	Pearl Marden	St. Joseph Elementary School	Green to Green: Waste to Wealth
	Jonas Malinka-Thompson	The Madeleine Choir School	Got Lift? What Airfoil Creates the Most Lift?
	Victoria Smithson	St. Vincent de Paul School	Impact of Drugs on Daphnia
	Vishal Jammulapati	West High	The "Impact" of Backpack Strap Length on Shoulders
	Jack Shuckra	J.E. Cosgriff Memorial	Race Wheels for the Junior
	Carrie Thompson & Nyah Runia	Channing Hall	Correlating the Increase on Age and Decrease in Self-Esteem
	Christopher Li	West High	How do UVB-radiated human melanocytes react when treated with N-Acetylcysteine?
	Matthew McNamee	Wasatch Jr. High	Ball Bounce Height vs Drop Height Ball Inflation and Ball Material
	Nicholas Falkner	St. Vincent de Paul School	Super Powers of a Superconductor
	Mason Buxton	American Preparatory Academy	To Spike or Not to Spike? The Effects of Fructose, Glucose & Sucrose on Blood Sugar
	Mia May	West High	Acid Rain's Impact on Radish Plants
	Tara Horscroft	Entheos Academy	Silver Nanoparticles: Bacteria's Menace or a Whole Lot of Hype?
	Tiara Tuttle	American Preparatory Academy	An Auditory EGGsperiment
	James Mecklenburg & Mark Whisenant	Hillside Middle School	Geomagnetism and the Inverse Square Law
	Ellie De Groote	Churchill Jr. High	THE MASSive Mystery
	Audrey Glende & Greta Asay	Clayton Middle School	Nasty Nitrogen: Effect of Development on Nitrogen Levels in Rivers
	Anthony Hill	Churchill Jr. High	Octopide: The Effect of Habitat Enrichment on the Giant Pacific Octopus
	John Matthews	J.E. Cosgriff Memorial	Flying Trains
	Mark Monette	Our Lady of Lourdes	Hot Rocks

	Marley Rosello	J.E. Cosgriff Memorial	Are Natural Cleaners as Effective at Killing Bacteria as Artificial Cleaners?
	Theodore Violet	J.E. Cosgriff Memorial	Optimizing Lawn Watering
	Serenity Freasier	Hillside Middle School	Heavy Metals and Soil Washing