

SLVSEF 2014 - Special Awards			
Award Name	Name	School	Project Title
American Society of Civil Engineers - Senior	Ryan Barney	Wasatch Jr. High	Efficacy of Five Methods of Purifying Water and Their Possible Uses in Third-world Countries
	Emma Hanson	SLCSE (Salt Lake Center for Science Education)	A look at Ozone and PM10 pollution abatement through the use of the urban forest effects model
	Timmanee Loveless	West High	The Effect of Friction Coefficient on the Strength of Arches
The Leonardo - Elementary	Elise Kim	Ecker Hill Middle School	The Science Of Bioplastic
The Leonardo - Secondary	Mirae Parker & Ema Parker	West High	Ice-Bot: A Deep Sea Diving Apparatus
Utah Department of Transportation - Elementary	Eleanor Ball	Ecker Hill Middle School	Maglev Highways
Utah Department of Transportation - Junior	Christopher Clyne	J.E. Cosgriff Memorial	The Solar Ice Melter for Roads
Utah Department of Transportation - Senior	Carter Cocke & Ian Kligman	AMES High School	Psychology of Driving
	Ellie Anderson	Jeremy Ranch Elementary	Burning Biofuels
	Braxton Castellano	St. Francis Xavier	Avoiding Disaster
National Council for Women in Technology - "Try It" Award - Elementary	Tara Horscroft	Entheos Expeditionary Learning	Sneezing For Science: Quantifying Germ Transmission Potential via an Explosive Olfactory Episode
National Council for Women in Technology - "Try It" Award - Secondary	Maria Mancera	SLCSE (Salt Lake Center for Science Education)	A Fruity Dilemma
	Kyllie Furukawa	St. John the Baptist Middle School	Lighting a Bulb with Gravity
	Elainna Ng	St. John the Baptist Middle School	Hydraulics
	Zoe Putnam	Clayton Middle School	To Build Or Not To Build... An Acid Question
	Althea Deschenes	Hillside Middle School	Turning Biking Into Electricity
	Megan Muren	Entheos Expeditionary Learning	The Price of Power
National Council for Women in Technology - Elementary	Mason Buxton	American Preparatory Academy	Variations of Light Output
	Meghan Buchholz	Jeremy Ranch Elementary	Light and Color
National Council for Women in Technology - Junior	Cassandra Ivie	Entheos Expeditionary Learning	"Contact Light": An Educational Tool for High Precision Measurement of Velocity and Acceleration of Objects Using Infrared Light
	Anna Shum	J.E. Cosgriff Memorial	Parallax Powers
	Hala Louviere	Entheos Expeditionary Learning	'Appy Holidays
National Council for Women in Technology - Senior	Jessica Ivie	Entheos Expeditionary Learning	Building on Blockly: Leveraging an Open-Source Project by Google to Create an Intuitive Visual Interface for Programming
	Melissa Ivie	Entheos Expeditionary Learning	The ADEPT Project: Analyzing Data For Environmental Predictive Technologies using TCP/IP Datagrams
	Kashanti McCullar	SLCSE (Salt Lake Center for Science Education)	Moving with Magnets
Salt Lake County 4-H-Excellence in Animal Sciences - Elementary	Lucy Zavitz	Wasatch Elementary	An Exploration of Dark vs. Light Preference in Rats
Salt Lake County 4-H-Excellence in Plant Sciences - Elementary	Mia Barth	Upland Terrace Elementary	Does Degassing Seeds Improve Germination and Growth Rates?
	Kennedy Nichols & Elle Christensen	Albion Middle School	Keeping Flowers Fresh ("Alive and Looking Good!")d
	Trevor Skeen, Maxwell Dalton & Brittan Davis	Bonneville Elementary	Hydroponics, Chemical or Natural?
Salt Lake County 4-H- Excellence in Food Sciences - Elementary	Ian Van Leuven	Parley's Park Elementary	Home Lunch: Nutritious or Biohazard
	Emma Sundahl	Weilenmann School of Discovery	How do different fruits effect the cure time of gelatin
	Senait Ricks	School for the Deaf and Blind	What make cupcakes rise?
Salt Lake County 4-H SET - Elementary	Hyrum Ivie	Entheos Expeditionary Learning	Keyboards for Kenya: Developing a Low Cost Educational Tool for use in Third World Countries
	Henry Lewinsohn	Morningside Magnet	Rocket Nozzle Design
	Aryan Zodge	Beehive Academy	Water Detection Stick

	Manya Murali	Challenger	Rain as a Source of Renewable Energy
	Lucas Van Orden	Bonneville Elementary	Creating Citrus Circuits
Salt Lake County 4-H - Excellence in Animal Science - Junior	Sophie Robertson	St. Francis Xavier	Do You Hear What I Hear?
Salt Lake County 4-H - Excellence in Food Sciences - Junior	Sydney Brown	American Preparatory Academy	Cartoons, Cucumbers, and Carrots
	Anne Tolman, McKell Rushton & Weslee Kern	Channing Hall	Are you sick from arsenic?
Salt Lake County 4-H - Excellence in Plant Sciences - Junior	Justin Kenison	Tooele Jr. High	Diverse Watering Methods for Seed Germination
	Bryceson Kenison	Tooele Jr. High	Seeds Through Time
Salt Lake County 4-H - Excellence in Animal Science - Senior	Kathy Liu	West High	The Effects of Salicylic Acid-treated Poultry Litter on Eutrophication and Health of Daphnia magna
Salt Lake County 4-H - Excellence in Plant Sciences - Senior	Jessica Papenfuss	American Preparatory Academy	Biochar and Crop Yield
Salt Lake County 4-H SET Aspiring Engineer - Junior	Spencer Kenison	Tooele Jr. High	Wind Power
	Sam Schmielt	J.E. Cosgriff Memorial	Waste to Watts
	Maggie Condas	St. Francis Xavier	Bend It Like Benford
Salt Lake County 4-H SET Aspiring Engineer - Senior	Anthony Cheng	Hillcrest High	Analysis of Montane Rainforest Dwellings with Computer Vision
	Kashanti McCullar	SLCSE (Salt Lake Center for Science Education)	Moving with Magnets
	Jessica Ivie	Entheos Expeditionary Learning	Building on Blockly: Leveraging an Open-Source Project by Google to Create an Intuitive Visual Interface for Programming
Salt Lake County 4-H SET Excellence in Application of Engineering	Rohan Jairam	West High	eGuard! - An Android App For Personal Safety
	Rhett Carbine & Meseret Ricks	School for the Deaf and Blind	Do animals align with Magnetic North?
Association for Women Geoscientists - Elementary	Ellie De Groote	Neil Armstrong Academy	A River Runs Through It
	Elisa Tsalpatouros	Morningside Elementary	Is drinking water a luxury?
Association for Women Geoscientists - Junior	Kate De Groote	Churchill Jr. High	From The Ashes
	Asha Pruitt	Wasatch Jr. High	Oil in the Soil
Association for Women Geoscientists - Senior	Emma Hanson	SLCSE (Salt Lake Center for Science Education)	A look at Ozone and PM10 pollution abatement through the use of the urban forest effects model
	Courtney Pratt	AMES High School	impactite characteristics of river gravel
American Meteorological Society	Mirae Parker & Ema Parker	West High	Ice-Bot: A Deep Sea Diving Apparatus
	Merry Joseph	Hillcrest High	Electrostatic Precipitation: Which type of metal can control smoke pollution exiting a chimney most efficiently?
American Psychological Association	Joshua Marchant	American Preparatory Academy	Decreasing Fear in Horror Films
ASM Materials Education Foundation	Elizabeth Prucka & Maddie Reed	Park City High	Guns, Flames, and Steel 2.0
Great Basin Chapter of Air and Waste Management Association	Emma Hanson	SLCSE (Salt Lake Center for Science Education)	A look at Ozone and PM10 pollution abatement through the use of the urban forest effects model
INTEL Excellence in Computer Science	Rohan Jairam	West High	eGuard! - An Android App For Personal Safety
ISWEEEP	Merry Joseph	Hillcrest High	Electrostatic Precipitation: Which type of metal can control smoke pollution exiting a chimney most efficiently?
Mu Alpha Theta	Hope Marks	Tooele High	Satellites in Motion: The Moment of Inertia
	Zachary Candelaria	AMES High School	Generalizing Non-Linear Infinite Series Finitely Bound Recursive Relation.
National Oceanic and Atmospheric Association	Julia Sherman	West High	Warming Your Home? Or Warming The Globe?
	Emma Hanson	SLCSE (Salt Lake Center for Science Education)	A look at Ozone and PM10 pollution abatement through the use of the urban forest effects model
Nature High Summer Camp	Nityam Rathi	Hillcrest High	Post-Wildfire Soil Recovery: Evaluation of Soil Reconditioning to Promote Seed Germination and Plant Growth

	Gilberto Castro	Entheos Expeditionary Learning	David vs. Goliath "Green/Eco-friendly" detergents: more environmentally responsible than conventional ones?
	Hannah Bennett	Stansbury High School	The Art of Regeneration: Determining the Optimal Protein Environment For The Stimulation of Adult Stem Cells to Pluripotency via Bioinformatics Data
Ricoh Americas Corporation	Emma Hanson	SLCSE (Salt Lake Center for Science Education)	A look at Ozone and PM10 pollution abatement through the use of the urban forest effects model
Society for In Vitro Biology	Connor Helgeson	Juan Diego Catholic High	Targeting p53 to Pro-Apoptotic Bak Causes Cell Death In Cancer Cells
Stockholm Junior Water Prize	Bovey Rao	Hillcrest High	Investigation of Different Degradation Treatments on Pesticide Contaminated Water
	Ryan Barney	Wasatch Jr. High	Efficacy of Five Methods of Purifying Water and Their Possible Uses in Third-world Countries
	Olivia Olschewski	Entheos Expeditionary Learning	Solar Disinfected Water: Purifying Turbid Water Using Solar UV Rays
	Jennifer Chin & Jessica Rodriguez	Matheson Jr. High	Stop! Don't Drink That Yet!
University of Utah Department of Biology	Naveen Rathi	Hillcrest High	Vector Analysis: The Effects of Docking a PDMS Microfluidic Device on a Monolayer of SKOV3 Carcinoma Cell Viability
U.S. Metric Association	Brandon Cui	Hillcrest High	Demonstration and Characterization of Terahertz Waveguides in Split Ring Resonators
	Patrick Chen & William Guss	West High	Automated Diagnosis of Breast Cancer Using Artificial Intelligence - Through the Implementation of Neural Networks
	Naveen Rathi	Hillcrest High	Vector Analysis: The Effects of Docking a PDMS Microfluidic Device on a Monolayer of SKOV3 Carcinoma Cell Viability
US Navy	Landis Baxter-Howard	SLCSE (Salt Lake Center for Science Education)	Carbon Capture and Storage with Algae Blooms
	Melissa Ivie	Entheos Expeditionary Learning	The ADEPT Project: Analyzing Data For Environmental Predictive Technologies using TCP/IP Datagrams
	Joshua Marchant	American Preparatory Academy	Decreasing Fear in Horror Films
	Anna Drossos	J.E. Cosgriff Memorial	Do Different Genres of Music Affect Heart Rate and Blood Pressure?
	Eva Morath & Moriya Nelson	Clayton Middle School	How do different solutes affect the boiling point of water?
	Max Salter	Challenger	Hot or Cold, Thermocouples Have Potential
	Max Sandweiss	West High	The Effect of Pitch on the Efficiency of a Wind Turbine
	Kate De Groote	Churchill Jr. High	From The Ashes
US Public Health Service Surgeon General's Special Award	Connor Helgeson	Juan Diego Catholic High	Targeting p53 to Pro-Apoptotic Bak Causes Cell Death In Cancer Cells
Xmission	Melissa Ivie	Entheos Expeditionary Learning	The ADEPT Project: Analyzing Data For Environmental Predictive Technologies using TCP/IP Datagrams
Yale Science and Engineering Association	Jeremy Arthur Aguilon	Hillcrest High	The Quantum Eraser
K-12	Jessica Papenfuss	American Preparatory Academy	Biochar and Crop Yield
EMC - Student STAR Program	Ian Miller	West High	Trashcan Telepresence
Broadcom Masters - 6th Grade	Madeleine Tate	Morningside Elementary	Heart Health-BMI (Body Mass Index) and Blood Pressure
	Olivia Culley	St. Francis Xavier	Heads Up!
	Elise Kim	Ecker Hill Middle School	The Science Of Bioplastic
	Lucy Zavitz	Wasatch Elementary	An Exploration of Dark vs. Light Preference in Rats
	Mason Buxton	American Preparatory Academy	Variations of Light Output
	William Bosen	Rose Springs Elementary	Blacksmith's Heat Treat
	Noah Sandweiss	Whittier Elementary (SLC)	Effects of Air Temperature on Falling Objects

	Teasha Luu	Challenger	Glow Sticks
	Rivers Nuno	Dilworth Elementary	Do Plants (Dead or Alive) Help Stop Erosion?
	Mia Barth	Upland Terrace Elementary	Does Degassing Seeds Improve Germination and Growth Rates?
Broadcom Masters - 7th and 8th Grade	Anna Shum	J.E. Cosgriff Memorial	Parallax Powers
	T.J. Neyman	Draper Park Middle School	Are More Expensive Golf Balls Worth the Extra Cost?
	Emma Holmgren	The Madeleine Choir School	To Grow or Not to Grow? That is the question- The effect of Deicers on Plant Growth and Development
	Claire Russon	SLCSE (Salt Lake Center for Science Education)	School Absenteeism: Can We Blame the Air?
	Amy Robinson & Maya Jammulapati	Clayton Middle School	Double Trouble
	Avery Young	J.E. Cosgriff Memorial	Can you have a sustainable home aquaponics system that is cost effective and energy efficient?
	Zach Shubella	J.E. Cosgriff Memorial	Mirror Mirror: Does Automatic Imitation Occur in a Strategic Context?
	Emily Rougelot	J.E. Cosgriff Memorial	Is there a link between Type 1 Diabetes, Type 2 Diabetes and other Autoimmune Diseases?
	Sydney Ross	St. John the Baptist Middle School	Stop, Look, and...Listen!
	Christopher Clyne	J.E. Cosgriff Memorial	The Solar Ice Melter for Roads
	Lauren Abueg	Challenger	(Don't) Burn, Baby, (Please Don't) Burn!
	Sante Di Sera	J.E. Cosgriff Memorial	What is the Most Aerodynamic Shape?
	Alex Cheng	Midvale Middle School	Beating the Stock Market
	Cassandra Ivie	Entheos Expeditionary Learning	"Contact Light": An Educational Tool for High Precision Measurement of Velocity and Acceleration of Objects Using Infrared Light
	Cameron Jeppson, Spencer Thomas & Jackson Radandt	Hillside Middle School	Draggin' Wings
	Peter Vawdrey	Midvale Middle School	Impact of Various Sources of Irrigation Water on Macro and Micro Nutrient Uptake in <i>Laurentia axillaris</i>
	Carson Hahn & Oliver Flatt	Hillside Middle School	Rash-Spanning the Gap
	Isaac Bromley-Dulfano	Wasatch Jr. High	Mirror Method
	Maggie Lea & Claire Decker	Hillside Middle School	Protect Our Plants
	Ella Maricq	West High	Home Remedies That Kill Roundworms
Westminster College - \$1,000 Scholarships	Martel DenHartog	SLCSE (Salt Lake Center for Science Education)	Good Eye, Good Eye: The Effects of Images on Physical Performance
	Kate Bradford	Juan Diego Catholic High	Cognitive Impairment and Behavioral Testing in a Mouse Model of Epilepsy
	Gabe Freeman	Juan Diego Catholic High	Synthesis of Gold Nanorods and Nanocages for Hyperthermic Tumor Targeted Drug Delivery
	Erik Perez	Juan Diego Catholic High	Synergistic Inhibition of Lymphoid-specific Protein Tyrosine Phosphatase (LYP)
	Jacob Kenison, Collette Jones & Kaitlyn Bresee	Tooele High	Cupcake Madness
	Maria Mancera	SLCSE (Salt Lake Center for Science Education)	A Fruity Dilemma
	Peter Johnston	Hillcrest High	Swarm Intelligence: How Autonomous Agents can Exhibit Gestalt Emergent Behaviors through Simple Algorithmic Rules
	Max Holbrook & Harrison Unruh	West High	Intelligent Searching
	David Schilling, Jalen Morgan & Garrett Kelsch	Canyons Technical Education Center	Stock Market Prediction
	Courtney Pratt	AMES High School	impactite characteristics of river gravel
	Ian Miller	West High	Trashcan Telepresence
	Melissa Ivie	Entheos Expeditionary Learning	The ADEPT Project: Analyzing Data For Environmental Predictive Technologies using TCP/IP Datagrams
	Michael Enda	Juan Diego Catholic High	Using Salinomycin-Loaded Micelles to Fully Eradicate Breast Cancer Stem Cells

	Connor Helgeson	Juan Diego Catholic High	Targeting p53 to Pro-Apoptotic Bak Causes Cell Death In Cancer Cells
	Maria Valencia	SLCSE (Salt Lake Center for Science Education)	The effect of antioxidants on planaria
	Jesica Velasquez & Erika Velasquez	SLCSE (Salt Lake Center for Science Education)	Balloons Not Pokes: A New Method To scan A Population for diabetes using O-18 and C-13 Isotopes in breath samples
	Brian Le	Granite Technical Institute	Bacterial Growth at Varying Distances from Toilet Source
	Jeremy Arthur Aguilon	Hillcrest High	The Quantum Eraser
	Yuxiao Wei	West High	Investigation of the interaction between HIV matrix and EPRS linker
	Naveen Rathi	Hillcrest High	Vector Analysis: The Effects of Docking a PDMS Microfluidic Device on a Monolayer of SKOV3 Carcinoma Cell Viability
	Jacob Hillard	AMES High School	Effects of High Voltage on Solutions
	Hope Marks	Tooele High	Satellites in Motion: The Moment of Inertia
	David Elliott, Jack Weis & Emad Jabini	West High	Development of an Autonomous GPS-Guided Security Robot
	Sarah Silcox	West High	Investigation on the Fractal Dimension Shift in Arctic Melt Ponds
	Zachary Candelaria	AMES High School	Generalizing Non-Linear Infinite Series Finitely Bound Recursive Relation.
	Ruyan Zhang	West High	Is Lymphatic System Involved Muscle Pain and Fatigue?
	Eleonora Marcacci	West High	Searching For Ways To Improve Alzheimer's Disease: Ginkgo Biloba
	Ryan Anderson	AMES High School	Prevention of Staph. aureus Biofilm Growth Using Phage or Hamamelitannin
	Kaden Plewe & Jack Tharp	SLCSE (Salt Lake Center for Science Education)	Comparative Hydroponics
Westminster College - \$80,000 Scholarships	Brandon Cui	Hillcrest High	Demonstration and Characterization of Terahertz Waveguides in Split Ring Resonators
	Calvin Yu	Hillcrest High	Neighborhood Built Environment and No Leisure-time Physical Activity Participation in Utah
	Elizabeth Prucka & Maddie Reed	Park City High	Guns, Flames, and Steel 2.0
	Bovey Rao	Hillcrest High	Investigation of Different Degradation Treatments on Pesticide Contaminated Water
	Mirae Parker & Ema Parker	West High	Ice-Bot: A Deep Sea Diving Apparatus
	Timothy Quah & Vineeth Bajji	West High	Powering Hydrogen Fuel Cells Using Chemical Water Splitting