

## CUSF 2017 Secondary Day Awards List

Award Name	Name(s)	School(s)	Project Title
<b>Special Awards</b>			
American Meteorological Society Award	Jessica Pratt	Maple Mountain High	Analysis of Heavy Metal Deposits from American Fork Reservoir
American Meteorological Society Award	Sarah Cummings	American Fork High School	Air Quality Effects on Mortality Rates of <i>Drosophila Melanogaster</i>
American Meteorological Society Award	Brook Moulder and Eric Christen	Pleasant Grove High School	The Effects of pH on the antimicrobial properties of the cutaneous mucus layer in rainbow trout
American Meteorological Society Award	Brook Moulder and Eric Christen	Pleasant Grove High School	The Effects of pH on the antimicrobial properties of the cutaneous mucus layer in rainbow trout
American Psychological Association Award	Christopher Kammerman	American Fork High School	Comparing Facial Ratios
American Psychological Association Award	Ana Ahumada	Canyon View Junior High	Pareidolia
ASM Materials Foundation Award	Nicholas Bryan	Wasatch High	Saddle Support: Conduit Brace Made of Recycled Plastic
ASM Materials Foundation Award	Noah Macedone	Timpview High	How Powerful is PLA? The practical applications in 3D printing
Association for Women Geoscientists Award	Abigail Schwendiman	West Jordan Middle	Slip Slidin' Away
Association for Women Geoscientists Award	Jessica Pratt	Maple Mountain High	Analysis of Heavy Metal Deposits from American Fork Reservoir
ASU Walton Sustainability Solutions Initiatives Award	Katelyn Thompson and Maya Pack	Lakeview Academy	Aquaponics: Fish Feces For Food?
ASU Walton Sustainability Solutions Initiatives Award	Katelyn Thompson and Maya Pack	Lakeview Academy	Aquaponics: Fish Feces For Food?
ASU Walton Sustainability Solutions Initiatives Award	Jason Miller	Mt. Nebo Jr. High	Production of the "Fuel of the future"
ASU Walton Sustainability Solutions Initiatives Award	Nicholas Bryan	Wasatch High	Saddle Support: Conduit Brace Made of Recycled Plastic
Humanitarian	Briahna Wagstaff	Rocky Mountain Middle	Surfs Up! Wave Powered deslination
Great Basin Air & Waste Management Association Award	Nicholas Bryan	Wasatch High	Saddle Support: Conduit Brace Made of Recycled Plastic
Intel Excellence in Computer Science	Gage Blackwell	Willowcreek Middle School	Maximizing Near Vertical Incidence Skywave Transmissions
Microscopy	Samantha Yesslith	Lumen Scholar	DNA Transformation Station
Microscopy	Heather Sherman and Sadie Ross	Vista Heights Middle School	Clean or Dirty? Can Diatoms tell?
Mu Alpha Theta Award	Erik Martinez	American Fork High School	Visualizing Rotations and Cross Sections in Calculus

Mu Alpha Theta Award	Sarah Stanley	Willowcreek Middle School	Approaching Pi: A Test of Pseudo-Random Number Generators
NASA Earth System Science Award	Mi Nguyen	Arches Academy	Does warmer sea make stronger hurricanes?
NASA Earth System Science Award	Jessica Pratt	Maple Mountain High	Analysis of Heavy Metal Deposits from American Fork Reservoir
National Oceanic and Atmospheric Administration Award	Hyrum Diesen	Pleasant Grove High School	Unpowered Desalination: The Application of Polyoxyethylene as a Regenerated Draw Solute in Forward Osmosis and Development of a Novel
National Oceanic and Atmospheric Administration Award	Briahna Wagstaff	Rocky Mountain Middle	Surfs Up! Wave Powered deslination
Originality	Chel Ferraro	Mountain Ridge Junior High	Revolutionizing Complex Disease Diagnosis with Artificial Intelligence
Originality	Nicholas Bryan	Wasatch High	Saddle Support: Conduit Brace Made of Recycled Plastic
Presentation	Shay Hancock	Mountain Ridge Junior High	Hearing Aid Battery Activation Optimization
Presentation	Nathaniel Antares	Pleasant Grove High School	The effects of oil spills one photosynthesis
Research Design	Briahna Wagstaff	Rocky Mountain Middle	Surfs Up! Wave Powered deslination
Research Design	Hyrum Diesen	Pleasant Grove High School	Unpowered Desalination: The Application of Polyoxyethylene as a Regenerated Draw Solute in Forward Osmosis and Development of a Novel
Ricoh Sustainable Development Award	Nicholas Bryan	Wasatch High	Saddle Support: Conduit Brace Made of Recycled Plastic
Ricoh Sustainable Development Award	Corwyn Giles	Maeser Prep Academy	Pesticides in Our Food Supply: Quantifying Glyphosate Content in Organic and Non-Organic Baby Food Cereal, Adult Cereal, Milk, and Honey, Exploring the Possibilities of Electromagnetic Propulsion
Scientific Journal	Skyler Colledge	Mountain Ridge Junior High	Exploring the Possibilities of Electromagnetic Propulsion
Scientific Journal	Maydeline Casiano	Rocky Mountain Middle	Computer Time vs Visual Acuity
Society for In-Vitro Biology	Spencer Durham	American Fork High School	Silver Ions as they Affect Key Organisms
Society for In-Vitro Biology	Isaac Taylor	Pleasant Grove High School	leaf photosynthesis
Stockholm Jr. Water Prize	Stephanie Buiatti and Ariana Atwood	Pleasant Grove High School	Wine Fermentation
Stockholm Jr. Water Prize	Stephanie Buiatti and Ariana Atwood	Pleasant Grove High School	Wine Fermentation
Stockholm Jr. Water Prize	Spencer Durham	American Fork High School	Silver Ions as they Affect Key Organisms
Stockholm Jr. Water Prize	Brook Moulder and Eric Christen	Pleasant Grove High School	The Effects of pH on the antimicrobial properties of the cutaneous mucus layer in rainbow trout
Stockholm Jr. Water Prize	Brook Moulder and Eric Christen	Pleasant Grove High School	The Effects of pH on the antimicrobial properties of the cutaneous mucus layer in rainbow trout

Stockholm Jr. Water Prize	Jason Miller	Mt. Nebo Jr. High	Production of the "Fuel of the future"
U.S. Air Force	Garrett Southam	Pleasant Grove High School	Rusty Amateur Rockets: The Use of Iron Oxide in Homemade Solid Rocket Fuel
U.S. Air Force	Ethan Wood and Jordan Short	Pleasant Grove High School	Fireflies and the Cure for Cancer
U.S. Air Force	Ethan Wood and Jordan Short	Pleasant Grove High School	Fireflies and the Cure for Cancer
U.S. Air Force	Gage Blackwell	Willowcreek Middle School	Maximizing Near Vertical Incidence Skywave Transmissions
U.S. Metric Association	Hannah Brokaw	Mt. Nebo Jr. High	Extracting Fat From Food
U.S. Metric Association	Jessica Pratt	Maple Mountain High	Analysis of Heavy Metal Deposits from American Fork Reservoir
U.S. Navy/U.S. Marine Corps	Evan Stufflebeam	Mountain Ridge Junior High	Computer Heated Indoor Greenhouse's Effect on Germination and Growth of Plants
U.S. Navy/U.S. Marine Corps	Derek Colon	Rocky Mountain Middle	Wave Power
U.S. Navy/U.S. Marine Corps	Jack Jarrett	Rocky Mountain Middle	Theory of Blood Flow Moderation Training
U.S. Navy/U.S. Marine Corps	Devyn Giles	Maeser Prep Academy	So, What's in Your Water? Detecting Mercury, Lead, and Atrazine Levels in Utah's Reservoirs, Lakes, Rivers, and Streams
U.S. Navy/U.S. Marine Corps	Jashen Moonsamy	Providence Hall	Hydraulic Liquids
U.S. Navy/U.S. Marine Corps	Noah Macedone	Timpview High	How Powerful is PLA? The practical applications in 3D printing
U.S. Navy/U.S. Marine Corps	Gage Blackwell	Willowcreek Middle School	Maximizing Near Vertical Incidence Skywave Transmissions
U.S. Navy/U.S. Marine Corps	Adam Syndergaard	Maple Mountain High	Micropattern Gas Electron Multiplier
Utah Veterinary Medical Association 1st Place Award	Aubrey Moedl	American Fork High School	A Study of the Effects of Anoxic Conditioning on Oxidative Stress in Mosquitoes
Utah Veterinary Medical Association 2nd Place Award	Kymberly Larson and Ashleigh Johnson	American Heritage School	Spectacular Spectrometers
Yale Science & Engineering Association Award	Frank Kaelin Mittel	American Fork High School	Refining Silicon With Magnesium
Yale Science & Engineering Association Award	Joshua Hill	Bingham High	What is the difference between infrared radiation and real temperature?
World Food	Ammon Wallace	Salem Junior High	Prolonging Shelf Life of Milk With Blue LEDs
American Fossil Green River Formation Award	Ashton Alger	Summit Jr. High	soil vs fish
American Fossil Green River Formation Award	Brielle Bastian	Vista Heights Middle School	Protective Effects of Sodium Fluoride on Marble Chips

## Category Awards - JUNIOR DIVISION

Animal & Plant Sciences - 3rd Place	Kyri Forman	American Preparatory Academy	A Better Way to Rehydrate Butterflies
Animal & Plant Sciences - 3rd Place	David Kale	Challenger School	The effect of hydroponic plant grow nutrients on vertical plant stem growth
Behavioral & Social Science - 3rd Place	Katelyn Gappmayer and Taylor Gull	Spanish Fork Jr. High	What Do You See?
Behavioral & Social Science - 3rd Place	Kaitlyn Cordero	Early Light Academy	Personality Order Up
Biology & Biochemistry - 3rd Place	Margaret Davis	Centennial Middle	Is What You Eat Killing Your Good Mouth Germs?
Biology & Biochemistry - 3rd Place	MaryTess Given	Mountain Ridge Junior High	Discovery 'N Analyzing
Biomedical, Medicine, & Health Sciences - 3rd Place	Devan Ericson	North Star Academy	Want brighter, whiter teeth? Who doesn't – we all do. Right?
Biomedical, Medicine, & Health Sciences - 3rd Place	Shree Soni	Lincoln Academy	Which mouthwash helps clean Pepsi off of teeth the best?
Chemistry - 3rd Place	Ethan Binks, Bruce Huntsman, and David Riding	Spanish Fork Jr. High	Break The Ice
Chemistry - 3rd Place	Rebekah Daniels	Mountain Ridge Junior High	Neutralizing with Natural Antacids
Earth & Environmental Science - 3rd Place	Devyn Giles	Maeser Prep Academy	So, What's in Your Water? Detecting Mercury, Lead, and Atrazine Levels in Utah's Reservoirs, Lakes, Rivers, and Streams
Energy: Chemical & Physical - 3rd Place	River Buechner	Mountain Ridge Junior High	The Effect of Color on the Efficiency of Photovoltaic Cells
Engineering: Civil & Environmental - 3rd Place	Briahna Wagstaff	Rocky Mountain Middle	Surfs Up! Wave Powered deslination
Engineering: Civil & Environmental - 3rd Place	Donovan Harr	Rocky Mountain Middle	Construction Dust? We've Got You Covered
Engineering: Electrical & Computer Science - 3rd Place	Ian Longman	Providence Hall	Protection with Reception
Engineering: Electrical & Computer Science - 3rd Place	Parker North	Rocky Mountain Middle	The No Trippin' Relay
Engineering: Materials & Mechanical - 3rd Place	Max Colledge	Mountain Ridge Junior High	Does Surface Texture Matter?
Engineering: Materials & Mechanical - 3rd Place	Aspen Douglas	Providence Hall	The Grow With You Shoe
Physics, Astronomy, & Mathematics - 3rd Place	Brenden Reed	Rocky Mountain Middle	The Effects of Altitude on the Trajectory of a Baseball
Physics, Astronomy, & Mathematics - 3rd Place	Lizzie Jensen	Centennial Middle	Warming Up To Mathematics
Animal & Plant Sciences - 2nd Place	Kiefer Koehle	Rocky Mountain Middle	Hydroponics vs. Soil Winter Edition

Animal & Plant Sciences - 2nd Place	Mackey Barry	Dixon Middle	Which Water Works, Which Water Won't
Behavioral & Social Science - 2nd Place	Alyssa Webb	Rocky Mountain Middle	Recognizing Facial Expressions
Behavioral & Social Science - 2nd Place	Sydney Berg	Rocky Mountain Middle	Phantom Sensations Are There Inside Your Mind...
Biology & Biochemistry - 2nd Place	Hannah Berrett	Rocky Mountain Middle	Moderate the Glyphosate
Biomedical, Medicine, & Health Sciences - 2nd Place	Alyssa Hendrickson	Rocky Mountain Middle	The Effect of Musculoskeletal Stimulation on Nausea by Motion Sickness
Biomedical, Medicine, & Health Sciences - 2nd Place	Sophia Felix	Lumen Scholar	How Loud is Too Loud? A sound-level study of things we encounter in everyday life
Chemistry - 2nd Place	Maya Buck and Maddison Davis	Diamond Fork Jr. High	The Leidenfrost Effect: At What Temperature Does it Occur?
Chemistry - 2nd Place	Olivia Smith and Alexi Corfield	Mapleton Jr. High	Protein Denaturation: A Food Allergy "Egg"periment
Earth & Environmental Science - 2nd Place	Dani Gibson	Summit Jr. High	Soil Erosion
Energy: Chemical & Physical - 2nd Place	Drew Ellertson	Mountain Ridge Junior High	"Watts" Up With Artificial Light?
Engineering: Civil & Environmental - 2nd Place	Derek Colon	Rocky Mountain Middle	Wave Power
Engineering: Electrical & Computer Science - 2nd Place	William Jespersen	Mountain Ridge Junior High	The Bat Hat
Engineering: Electrical & Computer Science - 2nd Place	Nathan Ford	Frontier Middle School	Seeing with Sound
Engineering: Materials & Mechanical - 2nd Place	Luke Becker and Alex Vernon	Rocky Mountain Middle	Preventing Your Car From Getting Hacked With Electromagnetic Shielding
Engineering: Materials & Mechanical - 2nd Place	Kael Nicholson	Providence Hall	DIY Escavator
Physics, Astronomy, & Mathematics - 2nd Place	Ethan Graham	Spanish Fork Jr. High	Better Bullets?
Physics, Astronomy, & Mathematics - 2nd Place	Amelia Jarvis and Danika West	Centennial Middle	Walking on Water
Animal & Plant Sciences - 1st Place	Kaidan Baird	Diamond Fork Jr. High	Food for Bees
Behavioral & Social Science - 1st Place	Isak Bartholomew and Bobbie Carter	Spanish Fork Jr. High	How Do You Like To Learn?
Biology & Biochemistry - 1st Place	Ammon Wallace	Salem Junior High	Prolonging Shelf Life of Milk With Blue LEDs
Biomedical, Medicine, & Health Sciences - 1st Place	Jack Jarrett	Rocky Mountain Middle	Theory of Blood Flow Moderation Training
Chemistry - 1st Place	Matthew Delis	Summit Jr. High	Is "BPA Free" Really BPA Free? - An Analysis of Bisphenol A Leaching from BPA Free Consumer Plastic Bottles -

Earth & Environmental Science - 1st Place	Sophia Luke	Dixon Middle	Cleaning up Oil Spills
Energy: Chemical & Physical - 1st Place	Jacob Malm	Early Light Academy	What Fuel Injection Method is Most Efficient in a Valveless Pulsejet?
Engineering: Civil & Environmental - 1st Place	Jashen Moonsamy	Providence Hall	Hydraulic Liquids
Engineering: Electrical & Computer Science - 1st Place	Richard Stallard	Centennial Middle	Finding Connections
Engineering: Materials & Mechanical - 1st Place	Conner Greene	Early Light Academy	Butter with Legos
Physics, Astronomy, & Mathematics - 1st Place	Isaiah Cieslewicz	Rocky Mountain Middle	Do You Want a Soda with That: Using The Theory of Planned Behavior and Statistics to Examine Soda Drinking Behavior

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## Category Awards - SENIOR DIVISION

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Animal & Plant Sciences - 3rd Place	Tyson Scott and Noah Watts	Timpanogos High School	what nestbox material is the most absorbant
Animal & Plant Sciences - 3rd Place	Kymberly Larson and Ashleigh Johnson	American Heritage School	Spectacular Spectrometers
Behavioral & Social Science - 3rd Place	Anna Rios	West Jordan Middle	Packaging VS Taste
Behavioral & Social Science - 3rd Place	Ryan Speckman	Early Light Academy	Texting and Driving: A Grave Mistake
Biology & Biochemistry - 3rd Place	Jordan Peay and Kolby Jones	American Fork High School	Human Battery
Biology & Biochemistry - 3rd Place	Ethan Wood and Jordan Short	Pleasant Grove High School	Fireflies and the Cure for Cancer
Biomedical, Medicine, & Health Sciences - 3rd Place	Trenton Gibson and Katie Lloyd	Pleasant Grove High School	Genetic Complementation and Recombination in T4rII phages
Biomedical, Medicine, & Health Sciences - 3rd Place	Caleb Fausett	American Preparatory Academy	S.C.A.B.
Chemistry - 3rd Place	Grant Johnson and Thomas Heaps	Spanish Fork Jr. High	Cotton ball fire starter
Earth & Environmental Science - 3rd Place	Robert Weaver	Timpanogos High School	What Method of Ice Control is Safest for the Environment
Earth & Environmental Science - 3rd Place	Kiersten Atwood and Colin Loveless	Timpanogos High School	Does Straw Aid in Grass Regeneration After Forest Fires?
Energy: Chemical & Physical - 3rd Place	Kyle Standing	American Fork High School	The effects of concentrated light on solar panel output
Engineering: Civil & Environmental - 3rd Place	Aedan Dayley	Spanish Fork Jr. High	Tsunami Barriers
Engineering: Electrical & Computer Science - 3rd Place	Cayden Lund, Ashlyn Hill, and Lauryn Bollard	American Fork High School	The Effects of the Development Process on the Usability of an App
Engineering: Materials & Mechanical - 3rd Place	Stuart Sanderson and Daniel Hemmert	Canyon View Junior High	Exoskeleton

Engineering: Materials & Mechanical - 3rd Place	Alexander Millett	Pleasant Grove High School	The Power of Magnets
Physics, Astronomy, & Mathematics - 3rd Place	Erik Martinez	American Fork High School	Visualizing Rotations and Cross Sections in Calculus
Physics, Astronomy, & Mathematics - 3rd Place	Joshua Hill	Bingham High	What is the difference between infrared radiation and real temperature?
Animal & Plant Sciences - 2nd Place	Sarah Wall and Bentley Smith	Wasatch High	Micro- Nutrient Uptake in Hydroponics
Animal & Plant Sciences - 2nd Place	Brent Bonney	Timpanogos High School	Pitcher Plant's Peculiar pH
Behavioral & Social Science - 2nd Place	Macey Hardman and Gracie Campbell	South Jordan Middle	Let Us Listen
Behavioral & Social Science - 2nd Place	Kallie James	South Jordan Middle	Distracted Teenage Drivers
Biology & Biochemistry - 2nd Place	Corwyn Giles	Maeser Prep Academy	Pesticides in Our Food Supply: Quantifying Glyphosate Content in Organic and Non-Organic Baby Food Cereal, Adult Cereal, Milk, and Honey, Wine Fermentation
Biology & Biochemistry - 2nd Place	Stephanie Buiatti and Ariana Atwood	Pleasant Grove High School	
Biomedical, Medicine, & Health Sciences - 2nd Place	Reed Muir	Pleasant Grove High School	Will it clean?
Biomedical, Medicine, & Health Sciences - 2nd Place	Sarah Cummings	American Fork High School	Air Quality Effects on Mortality Rates of <i>Drosophila Melanogaster</i>
Chemistry - 2nd Place	Frank Kaelin Mittel	American Fork High School	Refining Silicon With Magnesium
Earth & Environmental Science - 2nd Place	Katelyn Thompson and Maya Pack	Lakeview Academy	Aquaponics: Fish Feces For Food?
Earth & Environmental Science - 2nd Place	Brook Moulder and Eric Christen	Pleasant Grove High School	The Effects of pH on the antimicrobial properties of the cutaneous mucus layer in rainbow trout
Energy: Chemical & Physical - 2nd Place	David Johnson	American Fork High School	The Effects of Catalytic Cracking on the products of Cellulose Pyrolysis
Engineering: Civil & Environmental - 2nd Place	Samantha Davis, Ellie Maughan, and Bethany Simko	Lincoln Academy	Make Wind Work For You
Engineering: Electrical & Computer Science - 2nd Place	Spencer Vick and Riley Reed	American Fork High School	Reducing Intermodulation Distortion in Plasma Speakers
Engineering: Materials & Mechanical - 2nd Place	Joli Hunt, Brenna Tison, and Maggie Faulconer	Provo High	Urination Station
Physics, Astronomy, & Mathematics - 2nd Place	Skyler Colledge	Mountain Ridge Junior High	Exploring the Possibilities of Electromagnetic Propulsion
Physics, Astronomy, & Mathematics - 2nd Place	Sarah Stanley	Willowcreek Middle School	Approaching Pi: A Test of Pseudo-Random Number Generators
Animal & Plant Sciences - 1st Place	Aubrey Moedl	American Fork High School	A Study of the Effects of Anoxic Conditioning on Oxidative Stress in Mosquitoes
Behavioral & Social Science - 1st Place	Shayla McMillan and Aubree Berrett	South Jordan Middle	"Do Distractions Slow Reactions?"

Biology & Biochemistry - 1st Place	Kristina Kohler	American Fork High School	LRBA: A Possible Key-Player in Cancer Cell Autophagy
Biomedical, Medicine, & Health Sciences - 1st Place	Matthew Wright and Samantha Nielsen	American Fork High School	The Development of Antibiotic Resistance in Escherichia Coli
Chemistry - 1st Place	Garrett Southam	Pleasant Grove High School	Rusty Amateur Rockets: The Use of Iron Oxide in Homemade Solid Rocket Fuel
Earth & Environmental Science - 1st Place	Jessica Pratt	Maple Mountain High	Analysis of Heavy Metal Deposits from American Fork Reservoir
Energy: Chemical & Physical - 1st Place	Braxton Gunnell, Katlyn Kinder, and Annie Allred	Pleasant Grove High School	Effect of Temperature Variation on Cellular Respiration in Scenedesmus Obliquus
Engineering: Civil & Environmental - 1st Place	Hyrum Diesen	Pleasant Grove High School	Unpowered Desalination: The Application of Polyoxyethylene as a Regenerated Draw Solute in Forward Osmosis and Development of a Novel Maximizing Near Vertical Incidence Skywave Transmissions
Engineering: Electrical & Computer Science - 1st Place	Gage Blackwell	Willowcreek Middle School	
Engineering: Materials & Mechanical - 1st Place	Nicholas Bryan	Wasatch High	Saddle Support: Conduit Brace Made of Recycled Plastic
Physics, Astronomy, & Mathematics - 1st Place	Adam Syndergaard	Maple Mountain High	Micropattern Gas Electron Multiplier

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## Grand Awards

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Broadcom MASTERS Competition	Kaidan Baird	Diamond Fork Jr. High	Food for Bees
Broadcom MASTERS Competition	Isak Bartholomew and Bobbie Carter	Spanish Fork Jr. High	How Do You Like To Learn?
Broadcom MASTERS Competition	Isak Bartholomew and Bobbie Carter	Spanish Fork Jr. High	How Do You Like To Learn?
Broadcom MASTERS Competition	Ammon Wallace	Salem Junior High	Prolonging Shelf Life of Milk With Blue LEDs
Broadcom MASTERS Competition	Jack Jarrett	Rocky Mountain Middle	Theory of Blood Flow Moderation Training
Broadcom MASTERS Competition	Matthew Delis	Summit Jr. High	Is "BPA Free" Really BPA Free? - An Analysis of Bisphenol A Leaching from BPA Free Consumer Plastic Bottles -
Broadcom MASTERS Competition	Sophia Luke	Dixon Middle	Cleaning up Oil Spills
Broadcom MASTERS Competition	Jacob Malm	Early Light Academy	What Fuel Injection Method is Most Efficient in a Valveless Pulsejet?
Broadcom MASTERS Competition	Jashen Moonsamy	Providence Hall	Hydraulic Liquids
Broadcom MASTERS Competition	Richard Stallard	Centennial Middle	Finding Connections
Broadcom MASTERS Competition	Conner Greene	Early Light Academy	Butter with Legos
Broadcom MASTERS Competition	Isaiah Cieslewicz	Rocky Mountain Middle	Do You Want a Soda with That: Using The Theory of Planned Behavior and Statistics to Examine Soda Drinking Behavior



Broadcom MASTERS Competition	Mackey Barry	Dixon Middle	Which Water Works, Which Water Won't
Broadcom MASTERS Competition	Hannah Berrett	Rocky Mountain Middle	Moderate the Glyphosate
Broadcom MASTERS Competition	Alyssa Hendrickson	Rocky Mountain Middle	The Effect of Musculoskeletal Stimulation on Nausea by Motion Sickness
Broadcom MASTERS Competition	Maya Buck and Maddison Davis	Diamond Fork Jr. High	The Leidenfrost Effect: At What Temperature Does it Occur?
Broadcom MASTERS Competition	Maya Buck and Maddison Davis	Diamond Fork Jr. High	The Leidenfrost Effect: At What Temperature Does it Occur?
Broadcom MASTERS Competition	William Jespersen	Mountain Ridge Junior High	The Bat Hat
Broadcom MASTERS Competition	Nathan Ford	Frontier Middle School	Seeing with Sound
Broadcom MASTERS Competition	Ethan Graham	Spanish Fork Jr. High	Better Bullets?
Broadcom MASTERS Competition	Dani Gibson	Summit Jr. High	Soil Erosion
Dean's Awards - McKay School of Education	Reed Muir	Pleasant Grove High School	Will it clean?
Dean's Awards - College of Life Sciences	Brent Bonney	Timpanogos High School	Pitcher Plant's Peculiar pH
Dean's Awards - College of Engineering	Kyle Standing	American Fork High School	The effects of concentrated light on solar panel output
Dean's Awards - College of Physical & Mathematical Sciences	Garrett Southam	Pleasant Grove High School	Rusty Amateur Rockets: The Use of Iron Oxide in Homemade Solid Rocket Fuel
Utah Valley University Scholarship	Ariana Atwood	Pleasant Grove High School	Wine Fermentation
Utah Valley University Scholarship	Kolby Jones	American Fork High School	Human Battery
Brigham Young University Scholarship	Sarah Cummings	American Fork High School	Air Quality Effects on Mortality Rates of <i>Drosophila Melanogaster</i>
Brigham Young University Scholarship	Alexander Millett	Pleasant Grove High School	The Power of Magnets
Brigham Young University - Mathematics Scholarship	Sarah Stanley	Willowcreek Middle School	Approaching Pi: A Test of Pseudo-Random Number Generators
Junior Division Grand Champion	Kaidan Baird	Diamond Fork Jr. High	Food for Bees
Junior Division Grand Champion	Isak Bartholomew and Bobbie Carter	Spanish Fork Jr. High	How Do You Like To Learn?
Junior Division Grand Champion	Ammon Wallace	Salem Junior High	Prolonging Shelf Life of Milk With Blue LEDs
Junior Division Grand Champion	Sophia Luke	Dixon Middle	Cleaning up Oil Spills

Junior Division Grand Champion	Isaiah Cieslewicz	Rocky Mountain Middle	Do You Want a Soda with That: Using The Theory of Planned Behavior and Statistics to Examine Soda Drinking Behavior
Junior Division Grand Champion	Jashen Moonsamy	Providence Hall	Hydraulic Liquids
ISWEEEP Travler	Nicholas Bryan	Wasatch High	Saddle Support: Conduit Brace Made of Recycled Plastic
ISWEEEP Travler	Jessica Pratt	Maple Mountain High	Analysis of Heavy Metal Deposits from American Fork Reservoir
Westminster College \$80,000 Scholarship	Aubrey Moedl	American Fork High School	A Study of the Effects of Anoxic Conditioning on Oxidative Stress in Mosquitoes
Westminster College \$80,000 Scholarship	Kristina Kohler	American Fork High School	LRBA: A Possible Key-Player in Cancer Cell Autophagy
Westminster College \$80,000 Scholarship	Hyrum Diesen	Pleasant Grove High School	Unpowered Desalination: The Application of Polyoxyethylene as a Regenerated Draw Solute in Forward Osmosis and Development of a Novel Micropattern Gas Electron Multiplier
Westminster College \$80,000 Scholarship	Adam Syndergaard	Maple Mountain High	
Intel ISEF Finalists	Aubrey Moedl	American Fork High School	A Study of the Effects of Anoxic Conditioning on Oxidative Stress in Mosquitoes
Intel ISEF Finalists	Kristina Kohler	American Fork High School	LRBA: A Possible Key-Player in Cancer Cell Autophagy
Intel ISEF Finalists	Hyrum Diesen	Pleasant Grove High School	Unpowered Desalination: The Application of Polyoxvethylene as a Regenerated Draw Solute in
Intel ISEF Finalists	Adam Syndergaard	Maple Mountain High	Micropattern Gas Electron Multiplier