

## CUSF 2018 Secondary Day Awards List

Award Name	Name(s)	School(s)	Project Title
<b>Special Awards</b>			
American Meteorological Society Award	Trent Mullen	Timpanogos High School	Medicated Plant Growth
American Meteorological Society Award	Ian Campbell, Bronson Horne, and Brayden Howard	American Fork High School	Harmful Algal Blooms: What Causes Them?
American Psychological Association Award	Emmelia Cieslewicz and Isaiah Cieslewicz	Wasatch High	Considering Caffeine: How Caffeine Undermines the Healthcare Battle Against Sweetened Beverages
Association for Women Geoscientists Award	Jessica Pratt	Maple Mountain High	Lead Isotope Correlation to Point Source Contamination in American Fork Reservoir
Association for Women Geoscientists Award	Alexandra Gomez	Pleasant Grove High School	What's in Your Water? Measuring Contaminates in the Source Waters that Feed the Provo River
ASU Walton Sustainability Solutions Initiatives Award	Quincy Noel Sorensen	Early Light Academy	Battle of the Plants
ASU Walton Sustainability Solutions Initiatives Award	Ashley Jones	Canyon View Junior High	Converting Power Plant Waste Heat to Electricity
Humanitarian	Luke Bunker	North Star Academy	Can a homemade solar panel heat a room
Great Basin Air & Waste Management Association Award	Tabitha Teny	Summit High School	Does microwave radiation affect plant germination
Intel Excellence in Computer Science	Ammon Wallace	Salem Junior High	Doppler Radar Flash Flood Detector
Microscopy	Phaedra Henry and Emma Sowards	Centennial Middle	Synthetic V. Organic
Microscopy	Ellie Anderson	American Fork High School	The Effect of UV Radiation on an Earthworm's Skin Cells
Mu Alpha Theta Award	Braxton Gunnell and Deborah Tsao	Pleasant Grove High School	Effect of roundup on composition of gut microbiome in acheta domestica
Mu Alpha Theta Award	Braxton Gunnell and Deborah Tsao	Pleasant Grove High School	Effect of roundup on composition of gut microbiome in acheta domestica
NASA Earth System Science Award	Clarissa Hernandez	Canyon View Junior High	Green n' Clean
NASA Earth System Science Award	Ammon Wallace	Salem Junior High	Doppler Radar Flash Flood Detector
National Oceanic and Atmospheric Administration Award	Hyrum Wallace	Salem Junior High	Electrostatic dust on Mars and the effect on rover wheel bearings
National Oceanic and Atmospheric Administration Award	Ashley Jones	Canyon View Junior High	Converting Power Plant Waste Heat to Electricity
Originality	Holly Taylor	Lehi Junior High	Colorful Language
Originality	Kate Barker and Sami Davis	Pleasant Grove High School	Esterification

Presentation	Wyatt Smith	Mapleton Jr. High	I Soiled My Plants
Presentation	Emmelia Cieslewicz and Isaiah Cieslewicz	Wasatch High	Considering Caffeine: How Caffeine Undermines the Healthcare Battle Against Sweetened Beverages
Research Design	Aspen Delis	Summit Jr. High - Independence	Does SPF Matter? An Analysis of SPF Effectiveness in Sunscreen Lotions.
Research Design	Kason Stinson and Izaak Walton	Mt. Nebo Jr. High	A Blooming Problem
Ricoh Sustainable Development Award	Ammon Wallace	Salem Junior High	Doppler Radar Flash Flood Detector
Ricoh Sustainable Development Award	Skyler Colledge	Lone Peak High School	Laser Induced Thrust for the Eradication of Space Debris via Nano-Satellites
Scientific Journal	Olivia Washburn	American Heritage School	The Noisy NICU: There's a CAP for that!
Scientific Journal	Corwyn Giles	Maeser Prep Academy	Pesticides in our Food Supply: Quantifying Glyphosate Content in Organic and Non-Organic Foods and Analyzing Cumulative Glyphosate
Society for In-Vitro Biology	Garrett McKay and Kelly Redmond	Pleasant Grove High School	Ovulation ELISA Test for Giant Pandas
Stockholm Jr. Water Prize	Jessica Pratt	Maple Mountain High	Lead Isotope Correlation to Point Source Contamination in American Fork Reservoir
Stockholm Jr. Water Prize	Alexandra Gomez	Pleasant Grove High School	What's in Your Water? Measuring Contaminates in the Source Waters that Feed the Provo River
Stockholm Jr. Water Prize	Caleb Gray	West Jordan Middle	What's in your water?
Stockholm Jr. Water Prize	Ian Campbell, Bronson Horne, and Brayden Howard	American Fork High School	Harmful Algal Blooms: What Causes Them?
U.S. Air Force	Bronson Pullen	American Heritage School	Bionic hand
U.S. Air Force	Ashley Jones	Canyon View Junior High	Converting Power Plant Waste Heat to Electricity
U.S. Air Force	Josh Jex and Ryan Sampson	Mountain View High School	A Turn for the Better
U.S. Metric Association	Madelyn Zamelis	Centennial Middle	Be Heart-Wise... Exercise!
U.S. Metric Association	Sarah Farnsworth	Timpanogos High School	Does Sucrose Effect Vase Life of Gerbera Daisies?
U.S. Navy/U.S. Marine Corps	Diya Gundlapalli	Challenger School	Gender and Reaction Time
U.S. Navy/U.S. Marine Corps	Phoenix Bowers	Freedom Academy	What Punch is the Strongest
U.S. Navy/U.S. Marine Corps	Andrew Payne	Maeser Prep Academy	Does Adding Airpressure Increase Buoyancy?
U.S. Navy/U.S. Marine Corps	Gordon Andersen and Nathan Andersen	American Heritage School	Salt Water Car

U.S. Navy/U.S. Marine Corps	Megan Jones	Canyon View Junior High	Geodesic Domes
U.S. Navy/U.S. Marine Corps	Dylan McClellan and Bowdee Townsend	American Fork High School	Stopping a Bullet
Yale Science & Engineering Association Award	Sam Phillips	American Fork High School	A Solution For World Thirst
World Food	Ashley Olsen	Spanish Fork Jr. High	Feed Crazy
American Fossil Green River Formation Award	Milo Cazier	Willowcreek Middle School	Types of rocks and freeze-thaw weathering
American Fossil Green River Formation Award	Bailee Allred and Cassie Johnson	Mt. Nebo Jr. High	Does Ocean Acidification Affect Marine Life

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## Category Awards - JUNIOR DIVISION

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Animal & Plant Sciences - 3rd Place	Kunal Kamtekar	Challenger School	Effect of Sugar on a Bean Plant's Growth
Animal & Plant Sciences - 3rd Place	Colin Murphy	Maeser Prep Academy	Encouraging Biodiversity in Utah's Bird Population
Behavioral & Social Science - 3rd Place	Sofia Thompson and Eliana Parkinson	Centennial Middle	Social Media and Mental Health
Behavioral & Social Science - 3rd Place	Elyssa Bush	Mountain Ridge Junior High	Gross Motor Skill Acquisition Across the Lifespan
Behavioral & Social Science - 3rd Place	Delaney Hicks	Spanish Fork Jr. High	The Effect of the Keeper's Jersey Color on Penalty Kick Placement
Biology & Biochemistry - 3rd Place	Timothy Johnson	Mountain Ridge Junior High	How Osmosis and Diffusion Affect Shelled Eggs
Biology & Biochemistry - 3rd Place	Seunggyu Shin	Freedom Academy	pH and Germination
Biomedical, Medicine, & Health Sciences - 3rd Place	Sam Speckman	Early Light Academy	What's in Your Water?
Biomedical, Medicine, & Health Sciences - 3rd Place	Rylei Voorhees	Spanish Fork Jr. High	As cold as ice
Chemistry - 3rd Place	Natalie Parker and Ava Mickelson	Reagan Academy	Salty Science
Chemistry - 3rd Place	Avery Hall	West Jordan Middle	How Different Liquids Affect Sodium Polyacrylate
Earth & Environmental Science - 3rd Place	Wyatt Smith	Mapleton Jr. High	I Soiled My Plants
Earth & Environmental Science - 3rd Place	Conner McCulloch	Mountain Ridge Junior High	Neutralizing Acid Rain
Energy: Chemical & Physical - 3rd Place	Luke Bunker	North Star Academy	Can a homemade solar panel heat a room
Engineering: Electrical & Computer Science - 3rd Place	Hailey Campbell	Spanish Fork Jr. High	Hacking The System: Are Fiber Optics As Safe As We Thought They Were?

Engineering: Electrical & Computer Science - 3rd Place	Chase Treadwell	Maeser Prep Academy	The Point of a Parabola
Engineering: Materials & Mechanical - 3rd Place	christopher robison	Centennial Middle	seebeck generator
Engineering: Materials & Mechanical - 3rd Place	McKinley Jorgensen	Dixon Middle	The Loner Leaf Loader
Physics, Astronomy, & Mathematics - 3rd Place	Jared Hare	Mountain Ridge Junior High	Can You Hear It?
Physics, Astronomy, & Mathematics - 3rd Place	Cameron Gordon	Dixon Middle	Tennis Ball Testing
Animal & Plant Sciences - 2nd Place	Phaedra Henry and Emma Sowards	Centennial Middle	Synthetic V. Organic
Animal & Plant Sciences - 2nd Place	Ashley Olsen	Spanish Fork Jr. High	Feed Crazy
Behavioral & Social Science - 2nd Place	Ian Sanches	Mountain Ridge Junior High	Does texting and driving affect your time on Mariokart?
Behavioral & Social Science - 2nd Place	Nikhita Clement, Ella Bleak, and Nadia Luker	Summit Jr. High - Independence	Does gender effect frustration?
Biology & Biochemistry - 2nd Place	Gwen Beagley and Cheyenne Terry	Spanish Fork Jr High	Is Your WIFI Preventing Biological Growth?
Biomedical, Medicine, & Health Sciences - 2nd Place	Austin Hanks	Reagan Academy	Sunscreen Protection Against UV Rays
Chemistry - 2nd Place	Ellie Maughan	Spanish Fork Jr. High	Flame Resistance and Fabric Softener
Chemistry - 2nd Place	Emily Lawton	Home School	DIY Plastic?
Earth & Environmental Science - 2nd Place	Hyrum Wallace	Salem Junior High	Electrostatic dust on Mars and the effect on rover wheel bearings
Earth & Environmental Science - 2nd Place	Joseph Boyack	Spanish Fork Jr. High	Modeling the Absorption of Infrared Light on Greenhouse Gasses
Energy: Chemical & Physical - 2nd Place	Jessica Coulam	Mountain Ridge Junior High	Angles, Tapers, and Curves. Oh My!
Engineering: Electrical & Computer Science - 2nd Place	Holly Taylor	Lehi Junior High	Colorful Language
Engineering: Electrical & Computer Science - 2nd Place	Isaac Woolford	Mapleton Jr. High	Artificial Intelligence Music (AIM)
Engineering: Materials & Mechanical - 2nd Place	Collin Latimer	Early Light Academy	The Rubik's Solution
Engineering: Materials & Mechanical - 2nd Place	Steven Whitney	Challenger School	Probing for Success
Physics, Astronomy, & Mathematics - 2nd Place	Wesley Campbell	Spanish Fork Jr. High	Measuring Changes in the Refractive Index
Physics, Astronomy, & Mathematics - 2nd Place	Bella Bean	Renaissance Academy	Jumping like an Olympian

Animal & Plant Sciences - 1st Place	Jesse Shepherd	Spanish Fork Jr. High	The Color of Egg Yolks Caused By the Absorption of Xanthophyll From Poultry Feeds
Behavioral & Social Science - 1st Place	Jonathan LeBaron	West Jordan Middle	Mind Over Math
Biology & Biochemistry - 1st Place	Jackson Yen	Early Light Academy	The 5 Second Rule
Biomedical, Medicine, & Health Sciences - 1st Place	Aspen Delis	Summit Jr. High - Independence	Does SPF Matter? An Analysis of SPF Effectiveness in Sunscreen Lotions.
Chemistry - 1st Place	Annalise Drewes	Centennial Middle	"Plop Plop, Fizz Fizz"
Earth & Environmental Science - 1st Place	Sarah Craner	Mountain Ridge Junior High	Splash Mountain
Energy: Chemical & Physical - 1st Place	Elisabeth Ellinger	Reagan Academy	Myster Smashed - The Case for the Best Case
Engineering: Civil & Environmental - 1st Place	Lizzie Farnsworth	Maeser Prep Academy	Whales and Windmills - Using biomimicry and fluid dynamics to improve windmills
Engineering: Electrical & Computer Science - 1st Place	Reese Blackwell	Willowcreek Middle School	Applying Attenuation, Directivity & Timed Arrival to Direction Finding Systems
Engineering: Materials & Mechanical - 1st Place	Olivia Washburn	American Heritage School	The Noisy NICU: There's a CAP for that!
Physics, Astronomy, & Mathematics - 1st Place	Lizzie Jensen	Centennial Middle	Warming Up To Mathematics

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## Category Awards - SENIOR DIVISION

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Animal & Plant Sciences - 3rd Place	Mindy Brown and Randy Chavira	Timpanogos High School	Does Number of Previous Litters Influence Litter Size in Rabbits
Animal & Plant Sciences - 3rd Place	Haley Greer and Derek Leany	Pleasant Grove High School	Determining the effect of plant diversity on the amount of Sinorhizobium meliloti growing in the soil beneath them.
Behavioral & Social Science - 3rd Place	Kaitlyn Cordero	Summit High School	The More Merrier?
Behavioral & Social Science - 3rd Place	Marissa Sandberg	Pleasant Grove High School	Music Classes, GPA and Self-Esteem
Biology & Biochemistry - 3rd Place	Elizabeth Vogel	Mountain View High School	Increased "Gravity's" Effect on Nutrient Uptake in Radishes
Biology & Biochemistry - 3rd Place	Corwyn Giles	Maeser Prep Academy	Pesticides in our Food Supply: Quantifying Glyphosate Content in Organic and Non-Organic Foods and Analyzing Cumulative Glyphosate
Biomedical, Medicine, & Health Sciences - 3rd Place	Elizabeth McDonald, Sarah Shippen, and Collin Thorpe	American Fork High School	Vitamin C vs Microwaves
Biomedical, Medicine, & Health Sciences - 3rd Place	Melissa Ogden	Mountain View High School	Milking Melodies
Chemistry - 3rd Place	Tyler Pearson	Pleasant Grove High School	Solvent Recover of Heavy Oil from the Bourbon Arch
Chemistry - 3rd Place	Trish Luu	West Jordan Middle	Black Ink Separation

Earth & Environmental Science - 3rd Place	Trent Mullen	Timpanogos High School	Medicated Plant Growth
Earth & Environmental Science - 3rd Place	Peter Jensen and Ethan West	American Fork High School	Gravity Anomaly Trends in Utah County
Energy: Chemical & Physical - 3rd Place	Ashley Jones	Canyon View Junior High	Converting Power Plant Waste Heat to Electricity
Engineering: Civil & Environmental - 3rd Place	Megan Jones	Canyon View Junior High	Geodesic Domes
Engineering: Electrical & Computer Science - 3rd Place	Neal Smalley	Timpview High	Meet My Grandbot: An Interactive Way to Learning Family History
Engineering: Materials & Mechanical - 3rd Place	Conner Greene	Early Light Academy	Portable Wind Power
Physics, Astronomy, & Mathematics - 3rd Place	Amanda Pratt	Diamond Fork Jr. High	Deep Field Photometry to Discover Binary Star Systems and Transit Planets
Physics, Astronomy, & Mathematics - 3rd Place	Michaela Heath, Jackie Nguyen, and Avery Pitcher	American Fork High School	As Easy As Rocket Science
Animal & Plant Sciences - 2nd Place	Joshua Brockbank, Bethanne Pyper, and John Hall	American Fork High School	How Does X-Ray Radiation Affect a Seed's Germination and Growth?
Animal & Plant Sciences - 2nd Place	Payton Erickson	American Fork High School	The Effect of Electrically Stimulus on Leg Regeneration in Cockroaches
Behavioral & Social Science - 2nd Place	Emberly Walburger	Early Light Academy	There Are Bots Among Us
Behavioral & Social Science - 2nd Place	Marissa Brown and Mckenna Wadley	Lincoln Academy	Does color influence taste
Biology & Biochemistry - 2nd Place	Colin Robinson	UCAS	CRISPR and its use in tagging Alzheimer's related genes in a C. elegans model
Biomedical, Medicine, & Health Sciences - 2nd Place	Diana Fierro	American Fork High School	Detecting Inhibition of Breast Cancer Cell Proliferation Exposed to the Anti-diabetic Drug Rosiglitazone
Biomedical, Medicine, & Health Sciences - 2nd Place	Katy Hollis	Pleasant Grove High School	The Perfect Dancer's Body--Myth or Reality?
Chemistry - 2nd Place	Kate Barker and Sami Davis	Pleasant Grove High School	Esterification
Earth & Environmental Science - 2nd Place	Matthew Delis	Summit High School	Keep It Together - An Analysis of Soil Erosion Under Various Soil Conditions
Earth & Environmental Science - 2nd Place	Jessica Pratt	Maple Mountain High	Lead Isotope Correlation to Point Source Contamination in American Fork Reservoir
Energy: Chemical & Physical - 2nd Place	J Phillips and Dallin Pyne	American Fork High School	Printable Perovskite Photovoltaic Cells
Engineering: Civil & Environmental - 2nd Place	Grace Marsh and Sophia Trent	Mt. Nebo Jr. High	Bio plastics
Engineering: Electrical & Computer Science - 2nd Place	Benjamin Karlinsey and Andrew Walker	American Fork High School	Utilizing a Left-Handed Transmission Line Network as a Metamaterial Cloak
Engineering: Materials & Mechanical - 2nd Place	Dylan McClellan and Bowdee Townsend	American Fork High School	Stopping a Bullet

Physics, Astronomy, & Mathematics - 2nd Place	Skyler Colledge	Lone Peak High School	Laser Induced Thrust for the Eradication of Space Debris via Nano-Satellites
Animal & Plant Sciences - 1st Place	Kason Stinson and Izaak Walton	Mt. Nebo Jr. High	A Blooming Problem
Behavioral & Social Science - 1st Place	Emmelia Cieslewicz and Isaiah Cieslewicz	Wasatch High	Considering Caffeine: How Caffeine Undermines the Healthcare Battle Against Sweetened Beverages
Biology & Biochemistry - 1st Place	Frank "Kaelin" Mittel	American Fork High School	The Agricultural Applications of Phytomethylotrophy
Biomedical, Medicine, & Health Sciences - 1st Place	Caleb Crowther, Courtney Giles, and Lauren Rawlings	American Fork High School	Productive Glycolysis in Variant pH Levels
Chemistry - 1st Place	Hannah Brokaw	Mt. Nebo Jr. High	Burning Calories: How Much Energy is in Your Food?
Earth & Environmental Science - 1st Place	Braxton Gunnell and Deborah Tsao	Pleasant Grove High School	Effect of roundup on composition of gut microbiome in acheta domestica
Energy: Chemical & Physical - 1st Place	Michael Muniz and Bridger Nicholson	Pleasant Grove High School	Comparing Cellobiase Reaction Rates of Seven Fungi
Engineering: Civil & Environmental - 1st Place	Josh Jex and Ryan Sampson	Mountain View High School	A Turn for the Better
Engineering: Electrical & Computer Science - 1st Place	Ammon Wallace	Salem Junior High	Doppler Radar Flash Flood Detector
Engineering: Materials & Mechanical - 1st Place	Samantha Davis and Alicia Kuhlmann	Bingham High	Hexagon Housing
Physics, Astronomy, & Mathematics - 1st Place	Anna Christopherson	American Fork High School	The Correlation of PM2.5 and mag/arcsec <sup>2</sup>

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## Grand Awards

Broadcom MASTERS Competition	Jesse Shepherd	Spanish Fork Jr. High	The Color of Egg Yolks Caused By the Absorption of Xanthophyll From Poultry Feeds
Broadcom MASTERS Competition	Jonathan LeBaron	West Jordan Middle	Mind Over Math
Broadcom MASTERS Competition	Jackson Yen	Early Light Academy	The 5 Second Rule
Broadcom MASTERS Competition	Aspen Delis	Summit Jr. High - Independence	Does SPF Matter? An Analysis of SPF Effectiveness in Sunscreen Lotions.
Broadcom MASTERS Competition	Annalise Drewes	Centennial Middle	"Plop Plop, Fizz Fizz"
Broadcom MASTERS Competition	Sarah Craner	Mountain Ridge Junior High	Splash Mountain
Broadcom MASTERS Competition	Elisabeth Ellinger	Reagan Academy	Myster Smashed - The Case for the Best Case
Broadcom MASTERS Competition	Lizzie Farnsworth	Maeser Prep Academy	Whales and Windmills - Using biomimicry and fluid dynamics to improve windmills
Broadcom MASTERS Competition	Reese Blackwell	Willowcreek Middle School	Applying Attenuation, Directivity & Timed Arrival to Direction Finding Systems

Broadcom MASTERS Competition	Olivia Washburn	American Heritage School	The Noisy NICU: There's a CAP for that!
Broadcom MASTERS Competition	Lizzie Jensen	Centennial Middle	Warming Up To Mathematics
Broadcom MASTERS Competition	Phaedra Henry and Emma Sowards	Centennial Middle	Synthetic V. Organic
Broadcom MASTERS Competition	Phaedra Henry and Emma Sowards	Centennial Middle	Synthetic V. Organic
Broadcom MASTERS Competition	Ashley Olsen	Spanish Fork Jr. High	Feed Crazy
Broadcom MASTERS Competition	Ian Sanches	Mountain Ridge Junior High	Does texting and driving affect your time on Mariokart?
Broadcom MASTERS Competition	Gwen Beagley and Cheyenne Terry	Spanish Fork Jr High	Is Your WIFI Preventing Biological Growth?
Broadcom MASTERS Competition	Gwen Beagley and Cheyenne Terry	Spanish Fork Jr High	Is Your WIFI Preventing Biological Growth?
Broadcom MASTERS Competition	Austin Hanks	Reagan Academy	Sunscreen Protection Against UV Rays
Broadcom MASTERS Competition	Ellie Maughan	Spanish Fork Jr. High	Flame Resistance and Fabric Softener
Broadcom MASTERS Competition	Emily Lawton	Home School	DIY Plastic?
Broadcom MASTERS Competition	Hyrum Wallace	Salem Junior High	Electrostatic dust on Mars and the effect on rover wheel bearings
Broadcom MASTERS Competition	Joseph Boyack	Spanish Fork Jr. High	Modeling the Absorption of Infrared Light on Greenhouse Gasses
Broadcom MASTERS Competition	Jessica Coulam	Mountain Ridge Junior High	Angles, Tapers, and Curves. Oh My!
Broadcom MASTERS Competition	Holly Taylor	Lehi Junior High	Colorful Language
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Broadcom MASTERS Competition	Steven Whitney	Challenger School	Probing for Success
Broadcom MASTERS Competition	Wesley Campbell	Spanish Fork Jr. High	Measuring Changes in the Refractive Index
Broadcom MASTERS Competition	Bella Bean	Renaissance Academy	Jumping like an Olympian
Dean's Awards - McKay School of Education	Katy Hollis	Pleasant Grove High School	The Perfect Dancer's Body--Myth or Reality?
Dean's Awards - College of Life Sciences	Diana Fierro	American Fork High School	Detecting Inhibition of Breast Cancer Cell Proliferation Exposed to the Anti-diabetic Drug Rosiglitazone



Dean's Awards - College of Engineering	Dallin Pyne	American Fork High School	Printable Perovskite Photovoltaic Cells
Dean's Awards - College of Physical & Mathematical Sciences	Anna Christopherson	American Fork High School	The Correlation of PM2.5 and mag/arcsec <sup>2</sup>
Brigham Young University Scholarship	J Phillips	American Fork High School	Printable Perovskite Photovoltaic Cells
Brigham Young University Scholarship	Corwyn Giles	Maeser Prep Academy	Pesticides in our Food Supply: Quantifying Glyphosate Content in Organic and Non-Organic Foods and Analyzing Cumulative Glyphosate
Brigham Young University - Mathematics Scholarship	Anna Christopherson	American Fork High School	The Correlation of PM2.5 and mag/arcsec <sup>2</sup>
Junior Division Grand Champion	Reese Blackwell	Willowcreek Middle School	Applying Attenuation, Directivity & Timed Arrival to Direction Finding Systems
Junior Division Grand Champion	Olivia Washburn	American Heritage School	The Noisy NICU: There's a CAP for that!
Junior Division Grand Champion	Lizzie Jensen	Centennial Middle	Warming Up To Mathematics
Junior Division Grand Champion	Annalise Drewes	Centennial Middle	"Plop Plop, Fizz Fizz"
Junior Division Grand Champion	Jesse Shepherd	Spanish Fork Jr. High	The Color of Egg Yolks Caused By the Absorption of Xanthophyll From Poultry Feeds
Junior Division Grand Champion	Jonathan LeBaron	West Jordan Middle	Mind Over Math
Intel ISEF Finalists	Frank "Kaelin" Mittel	American Fork High School	The Agricultural Applications of Phytomethylotrophy
Intel ISEF Finalists	Colin Robinson	UCAS	CRISPR and its use in tagging Alzheimer's related genes in a C. elegans model
Intel ISEF Finalists	Ammon Wallace	Salem Junior High	Doppler Radar Flash Flood Detector
Intel ISEF Finalists	Samantha Davis and Alicia Kuhlmann	Bingham High	Hexagon Housing