

2013 Colorado Science and Engineering Fair

Grand Awards Press Release

Junior Division Best CSEF Project

First Place

Rebecca Bloomfield 8th grade
A Slippery Slope: The Effects of Slope and Remediation Treatments on Post-Fire Sedimentation
 North Middle School Colorado Springs

Second Place

Michelle Kummel 7th grade
Cute, But in Control: Prairie Dogs and the Short-Grass Prairie
 North Middle School Colorado Springs

Third Place

Evan Savage 8th grade
Artificial Selection of Microalgae Using Heat Stress: Improving Algae Biodiesel
 Boulder Country Day School Boulder

Senior Division Best CSEF Project

First Place

Cole Hugelmeier 12th grade
Discretization of Infinite Dimensional Geodesics
 Boulder High School Boulder

Second Place

Easton LaChappelle 11th grade
Fine Motor Skills Using Neural Activated Biomechanical Prosthesis
 Mancos High School Mancos

Third Place

Logan Collins 10th grade
Testing Artificial Genes Designed to Inhibit the Growth of E. coli As an Alternative to Traditional Antibiotics
 Fairview High School Boulder

Junior Division Animal Sciences

First Place

Riley Meisner 7th grade
Does Feeding Time Affect Lambing Time?
 Sterling Middle School Sterling

Second Place

Miranda Coldren 7th grade
What Variables Affect Aggressive Behavior in Birds?
 Kinard Core Knowledge Middle School Fort Collins

Third Place

Paige Beckman 8th grade
Aquatic Plants vs. Nitrates
 Buchanan Middle School Wray

Fourth Place

Alyssa Rawinski 6th grade
Just A Spoonful of Sugar Helps the Nectar Go Down: Do Hummingbirds Prefer Homemade or Store-bought Nectar?
 Monte Vista Middle School Monte Vista

Honorable Mention

Haleigh Prosser 7th grade
Preventing Infections: Does Side Dominance Lower Infection Rate in Cattle?
 Wiley Jr/Sr High School Wiley

Senior Division Animal Sciences

First Place

Montana Cook 9th grade
Artificial Insemination: Comparing Methods of Thawing Bull Semen
 Walsh Jr/Sr High School Walsh

Second Place

Natalie Griffin 10th grade
Inhibitory Bacteria of the Chytrid Fungus Batrachochytrium dendrobatidis
 Fairview High School Boulder

Third Place

Elizabeth Manfredi 12th grade
Wild Horse Hoof vs. Domestic Horse Hoof
 Hoehne High School Hoehne

Fourth Place

Apoorva Krishnan 9th grade
Effect of Dietary Habits and Environmental Conditions on Health Factors in Golden Retrievers
 Cherry Creek High School Greenwood Village

Junior Division Behavioral & Social Sciences

First Place

Alea Hardesty 8th grade
Pep Up Your Brain
 Buchanan Middle School Wray

Second Place

Emma Carter 6th grade
Cell Phone Safety
 Boulder Country Day School Boulder

Third Place

Kaitlyn Dumm 8th grade
Leaping Forward: A Comparison of Learning Using Virtual and Traditional Frog Dissection Methods
 Windsor Charter Academy Windsor

Fourth Place

Tate Hinger 7th grade
Cheater, Cheater
 Pagosa Springs Middle School Pagosa Springs

Honorable Mention

Sarah Wong 8th grade
Are You Smarter Than A 5th Grader?
 Banning Lewis Ranch Academy Colorado Springs

Honorable Mention

Kaybree Keating 6th grade
 Aubrey Wells 8th Grade
 Kaitlin Wells 7th grade
Workout Your Eyes
 Fort Morgan Middle School Fort Morgan

 Senior Division Behavioral & Social Sciences

First Place

Audra Burke & Jason Mackay 11th grade
*Half Full or Half Empty: A Study of the Overall Effects of
 Optimism & Pessimism on Group Performance*
 Edison High School Yoder

Second Place

Taryn Book 9th grade
*Psycho-Cybernetics: Mental Imagery and Athletic
 Performance Connection*
 Genoa-Hugo School Hugo

Third Place

Rose Meyerhofer & Jenna Edwards 12th grade
How Does Horror Media Affect the Body?
 Dolores Huerta Preparatory High School Pueblo

Fourth Place

Sebastian Rowe 9th grade
*Analysis of Data Collected on the Performance of
 Teenagers Receiving Feedback in a Testing Environment*
 Edison High School Yoder

Honorable Mention

Marcus Padia 11th grade
The Front Range Perception on Wind Energy
 Rocky Mountain High School Fort Collins

Honorable Mention

Neya Manavalan 9th grade
Reliable Testimony
 Cherry Creek High School Greenwood Village

 Junior Division Chemistry

First Place

Peter Woodham 8th grade
*Molybdenum Disulfide as a Catalyst in Hydrogen Fuel
 Cells*
 Summit Charter Middle School Boulder

Second Place

Cameron Keel 8th grade
Investigating Genetically Modified Foods
 Summit Charter Middle School Boulder

Third Place

Nadja de Sa 8th grade
What's in Your Water?
 The Classical Academy Colorado Springs

Fourth Place

Nainoa Umbhau 6th grade
*Fire Hazard: Testing Combustibility Rates to Determine
 Shelter Material Cover*
 Miller Middle School Durango

Honorable Mention

A J Keever 7th grade
Bioplastic to Dye For
 Eaton Middle School Eaton

Honorable Mention

Terra Hall 8th grade
Get the Lead Out
 Pueblo School for Arts and Sciences Pueblo

 Senior Division Chemistry

First Place

Elizabeth Walker 10th grade
*Easy as Pie: Testing the Viscosity of Starch at Different
 Temperatures*
 Springfield High School Springfield

Second Place

Michael Chen 11th grade
*The Effects of Operating Conditions on Gas Transport
 Mechanisms through SAPO-34 Zeolite Membranes*
 Fairview High School Boulder

Third Place

Alanna Chacon 11th grade
*Arsenic Contaminated Water: How Can Concentration
 Levels Be Lowered to Promote Safe Human
 Consumption?*
 Center High School Center

Fourth Place

Wesley Hileman 12th grade
*Predicting Rust: Modeling the Electrochemical
 Deterioration of Iron*
 Classical Academy College Pathways Colorado Springs

Honorable Mention

Brianna Nall 9th grade
Fashion vs. Fire: How Flammable Is Your Attire?
 Genoa-Hugo School Hugo

Junior Division Earth & Space Sciences

First Place

Rebecca Bloomfield 8th grade
A Slippery Slope: The Effects of Slope and Remediation Treatments on Post-Fire Sedimentation
North Middle School Colorado Springs

Second Place

Chloe Bleak 7th grade
Effects of Crop Residue, Wind, Radiation, and Temperatures on Surface Soil Water Evaporation
Otis Jr/Sr High School Otis

Third Place

Melody Shellman 8th grade
Can Fracking Cause Earthquakes? Investigating the Possible Effects of Fracking Fluids on Earthquakes
Cherry Creek Challenge School Denver

Fourth Place

Mark McKenna 8th grade
Hot Rocks
St. John the Evangelist School Loveland

Honorable Mention

Emily Hartlaub 7th grade
Fin Configuration & the Coefficient of Drag
Monument Academy Monument

Honorable Mention

Amanda Avila 6th grade
Are Your Stars Different?
Monte Vista Middle School Monte Vista

Senior Division Earth & Space Sciences

First Place

Brisha Wakasugi 12th grade
The Minnie Lynch: A Comparative Study in the Affects of Parent Material on Water Quality in Ephemera
Alamosa High School Alamosa

Second Place

Jacob Nichols 11th grade
A Two-Dimensional Investigation of Hydraulic Fracturing Principles
Brush High School Brush

Third Place

Ronald Duran 12th grade
Relationship of Moon and the Tides
Central High School Pueblo

Fourth Place

Kale Alton 9th grade
Magic Sticks: Comparing Wooden Dowsing Rods and Copper Rods to Find Water
Walsh Jr/Sr High School Walsh

Junior Division Energy & Transportation

First Place

Evan Savage 8th grade
Artificial Selection of Microalgae Using Heat Stress: Improving Algae Biodiesel
Boulder Country Day School Boulder

Second Place

Tal Sneh 8th grade
Starch Polystyrene: The Bigger Bead the Better?
Summit Charter Middle School Boulder

Third Place

Will McCloskey & Tristan Smith 8th grade
SAAPBR: Semi-automated Algae Photo Bio Reactor
Flagstaff Academy Longmont

Fourth Place

Rahul Ramesh 8th grade
Constructing a Microbial Desalination Fuel Cell to Generate Electricity from Anaerobic Wastewater Sludge and Reduce Conductivity of Salt Water
Cherry Creek Challenge School Denver

Honorable Mention

Zander Graham 8th grade
Gaussian Cannon
Quest Academy Dacono

Honorable Mention

George Liu 8th grade
Evaluating the Effect of Humidity on Insulation
The Classical Academy Colorado Springs

Senior Division Energy & Transportation

First Place

Nurul MohdReza 11th grade
Optimizing Energy Production through Wastewater Treatment: The Utilization of a Mediator-Less, Single Celled Microbial Fuel Cell
Union Colony Preparatory School Greeley

Second Place

Riley Rodenburg & Justin Rodenburg 12th grade
Prolonging the Service Life of Lithium Ion Batteries in Electric Vehicles (EV) Using Double Layer Capacitors (EDLC)
Peak to Peak Charter School Lafayette

Third Place

Cody Laxton 10th grade
Testing Drafting Over Two Vehicles
Connections Academy Englewood

Fourth Place

Michael Brady 11th grade
A Microbial Fuel Cell for People without Direct Access to Electricity
Cherry Creek High School Greenwood Village

Honorable Mention

Liam Fogerty & Cannon Braggs 9th grade
The Effects of Wind Power
 Estes Park High School Estes Park

Junior Division Engineering

First Place

Daniel Culver 8th grade
Improved Indoor Biomass Cook Stove
 Columbine Middle School Montrose

Second Place

Lauren Sommer 7th grade
Would Newton Have Preferred a Non-Newtonian Bumper?
 The Classical Academy Colorado Springs

Third Place

Johann Kailey-Steiner 8th grade
Rocket Design Part 3: Exploring How Vortex Generators Affect Boundary Layer Airflow
 Grant Beacon Middle School Denver

Fourth Place

Leighton Burt 8th grade
Slick or Stick: Investigating μ (Mu) of Sandboarding
 Sargent Junior High School Monte Vista

Honorable Mention

Cristian Granados 6th grade
Making the Switch: Do I Really Save Energy By Turning Off My Lights?
 North Middle School Colorado Springs

Honorable Mention

Riley Schaefer 7th grade
Which Insulation Will Keep Your House the Warmest for the Longest Period of Time?
 Sterling Middle School Sterling

Senior Division Engineering

First Place

Easton LaChappelle 11th grade
Fine Motor Skills Using Neural Activated Biomechanical Prosthesis
 Mancos High School Mancos

Second Place

Kai Kloepfer 10th grade
Biometric Electromechanical Firearm Safety
 Fairview High School Boulder

Third Place

Connor Sendel 10th grade
iPad Cases for Autism
 Cherry Creek High School Greenwood Village

Fourth Place

Matthew Hileman 9th grade
Ion Propulsion: Electrostatic Thruster Design and Optimization for Space Applications
 Classical Academy College Pathways Colorado Springs

Honorable Mention

Timothy Lyne 12th grade
Friction-Reducing Ferromagnetic Fluid
 Brush High School Brush

Honorable Mention

Sydney Anderson 11th grade
Engineering Personal Protective Equipment to Detect Dangerous Levels of Carbon Monoxide
 Edison High School Yoder

Honorable Mention

Maxx Helfer 10th grade
Impervious
 Palmer High School Colorado Springs

Junior Division Environmental Sciences

First Place

Hannah Fischer 8th grade
Pharmaceutical and Personal Care Products (PPCP's): Understanding the Effects on Stream and Aquatic Life
 Sierra Grande Junior High School Fort Garland

Second Place

Hari Sowrirajan 7th grade
Can Using Cyanobacteria Reduce CO₂ Emissions from Cars?
 Cherry Creek Challenge School Denver

Third Place

Hannah deKay & Raelen Barr 8th grade
How Does Temperature Affect the pH of Cement Creek
 Silverton School Silverton

Fourth Place

Lenka Doskocil 8th grade
The Water, the Waste and the Wetland
 Bayfield Middle School Bayfield

Honorable Mention

Cortnie Hunter 8th grade
An Assessment of Coliform and Pathogenic Bacteria on the Upper Rio Grande River (San Luis Valley) in Colorado
 Monte Vista Middle School Monte Vista

Honorable Mention

Daniel Wolff 8th grade
Smoke on the Water: Measuring the Effects of Wildfire Ash on a Fresh Water Stream
 Orchard Mesa Middle School Grand Junction

Honorable Mention

Max Markuson 7th grade
Mapping Air Pollution: Pueblo, Colorado
Pueblo School for Arts and Sciences Pueblo

Senior Division Environmental Sciences

First Place

Rachel Rossi 11th grade
Endocrine Disrupter Remediation in Water: Exploration of Mycoremediation Capabilities of Fungi
Durango High School Durango

Second Place

Hope Weinstein 11th grade
Zero Valent Iron Nanoparticle Embedded Polyethersulfone Membranes for Water Filtration and Remediation
Fairview High School Boulder

Third Place

Taylor Rocha 11th grade
Successional Sequence of Water Quality and Macroinvertebrates in a Playa Wetland System
Monte Vista High School Monte Vista

Fourth Place

Devon Enke 11th grade
Mycoremediation: A Solution to Runoff Pollution?
La Veta Jr/Sr High School La Veta

Honorable Mention

Hannah Keller 9th grade
The Effects of Organic and Inorganic Fertilizers on the Growth Percentage of Anabaena
Cherry Creek High School Greenwood Village

Junior Division Mathematics & Computer Sciences

First Place

Alby Musaelian 8th grade
Up or Down: Investigating Decision Procedures
Stanley British Primary School Denver

Second Place

Cassandra Blew 6th grade
A-Mazing-Robots
La Veta Elementary School La Veta

Third Place

Avi Swartz 8th grade
An Attempted Polynomial Solution to an NP Problem
Cherry Creek Challenge School Denver

Fourth Place

Johnny Valdez 7th grade
Becoming a Gamer!
Ignacio Junior High School Ignacio

Honorable Mention

Karli Buchanan 8th grade
Mile High Advantage
Buchanan Middle School Wray

Senior Division Mathematics & Computer Sciences

First Place

Cole Hugelmeier 12th grade
Discretization of Infinite Dimensional Geodesics
Boulder High School Boulder

Second Place

Stephen Parish 10th grade
Seeing the Big Picture: A Target-Oriented Approach to Optimization
Home School Colorado Springs

Third Place

Simon Schaefer 11th grade
Reflective Properties of Mathematical Curves
Monte Vista High School Monte Vista

Fourth Place

Jessica Constant 12th grade
Computer Modeling VI: A Study Into Cloud Formation and the Effects on Particulate Scavenging
Poudre High School Ft. Collins

Honorable Mention

Lexi Thompson 12th grade
Creation of a Yield Probability Calculator
Otis Jr/Sr High School Otis

Junior Division Medicine & Health

First Place

Ellie Mackintosh 8th grade
Simply Mouthwatering
Good Shepherd Catholic School Denver

Second Place

Duncan Lester 8th grade
Dim the Lights to Keep Food Nice
Summit Charter Middle School Boulder

Third Place

Lindsey Warren 7th grade
Is Organic Really Healthier? A Redox Titration of Vitamin C in Organic & Conventional Citrus Fruit
The Classical Academy Colorado Springs

Fourth Place

Theodore Dumont 8th grade
Modified Body Mass Index: An Attempt to More Accurately Represent Health Risk with Regard to Weight
Estes Park Middle School Estes Park

Honorable Mention

Casey Shaw 8th grade
The Science of Sourdough: The Effect of Lactobacillus Bacteria on Wheat Gluten Degradation
Liberty School Joes

Honorable Mention

Ty Harrison 8th grade
What's Really on the Menu?
Sargent Junior High School Monte Vista

Honorable Mention

Anna Connell 7th grade
Simply Oranges
 The Classical Academy Colorado Springs

Senior Division Medicine & Health

First Place

Shelly Steinert 9th grade
*Polymerase Chain Reaction Analysis on Gene GLI3,
 Causing Polydactyly in 3 DNA Generations*
 Sargent High School Monte Vista

Second Place

Lawrence Zhang 11th grade
*miRNA and Cancer - Phase II: Constructing a
 Bidirectional Cassette to Identify miRNA Regulators*
 Fairview High School Boulder

Third Place

Abigail Krause 11th grade
*Eat the Hull Cracker: A Palatability Study for the
 Ingestion of Wheat Hull*
 Lone Star School Otis

Fourth Place

Olivia Sayer 12th grade
*Beehive Propolis: The Effects of Caffeic Acid Phenethyl
 Ester on Cancer Cell Proliferation and Its
 Complimentary Use with Chemotherapeutic Agents*
 Warren Tech Lakewood

Honorable Mention

Vishal Krishnan 11th grade
*Validation of Microfluidic-based Platelet Rolling Assay
 to Characterize Von Willebrand Disease*
 Cherry Creek High School Greenwood Village

Honorable Mention

Jenna Hartley 10th grade
*Pseudomonas a. Infections in the Cystic Fibrosis Lung:
 The Inhibition of Bio-encapsulated Pathogens*
 Palmer High School Colorado Springs

Junior Division Microbiology

First Place

Max Popkin 8th grade
*The Effects of Pesticides and Vegetable Wash on Green
 Leaf Lettuce Bacterial Colonies*
 North Middle School Colorado Springs

Second Place

Brady Miller 7th grade
Should You Share That Water?
 The Classical Academy Colorado Springs

Third Place

Roger Nakagawa 7th grade
*Laundering Money: The Effect of Different Methods for
 Sanitizing Microorganisms on Money*
 Hill Campus of Arts and Sciences Denver

Fourth Place

Kaitlyn Carson 8th grade
*The Effect of Class IV Laser on Methicillin-Resistant
 Staphylococcus aureus & Pseudomonas aeruginosa*
 Preston Middle School Fort Collins

Honorable Mention

Jeannette Lehr 8th grade
Do Magazines in Doctor's Offices Act As Formites?
 La Veta Jr/Sr HighSchool La Veta

Senior Division Microbiology

First Place

Logan Collins 10th grade
*Testing Artificial Genes Designed to Inhibit the Growth
 of E. coli As an Alternative to Traditional*
 Fairview High School Boulder

Second Place

Kelsey Lindbloom 9th grade
*Fueling the Future Phase 2: An Investigative Look into
 the Use of Substrates in a Microbial Fuel Cell*
 Salida High School Salida

Third Place

Kymbre Mitchell 11th grade
*The Effects of Capture LFR on the Nitrogen-Fixing
 Bacterium Rhodospirillum rubrum in Reference to Corn
 Production*
 Sterling High School Sterling

Junior Division Physics

First Place

Anton Milliken 6th grade
How Do Fiber Optics Bend Light?
 Corwin International Magnet School Pueblo

Second Place

Dylan Lucko 8th grade
Blowin' in the Ionic Wind
 St. John the Baptist School Longmont

Third Place

Sean Smith 8th grade
Seeing Sound: A Study of Cymatics in Two Dimensions
 Cherry Creek Challenge School Denver

Fourth Place

Leah Fattor 8th grade
Is Your Guitar Too Hot To Handle?
 Summit Charter Middle School Boulder

Honorable Mention

Nathanael LoBosco 6th grade
GeoChutes!!!
 Monument Academy Monument

Honorable Mention

Vanessa VanCamp 7th grade
Aim . . . Fire!
 The Classical Academy Colorado Springs

Honorable Mention

Neil Baker 7th grade
Truth is Stranger Than Friction
 The Classical Academy Colorado Springs

Honorable Mention

Alyssa Frager 7th grade
It's a Kick
 The Classical Academy Colorado Springs

 Senior Division Physics

First Place

Ilse Meiler 9th grade
CSI: Liquid Lie
 Peak to Peak Charter School Lafayette

Second Place

Kevin Garcia 11th grade
Field Force Braking: Using a Electrical Induced Current to Stop an Object
 Center High School Center

Third Place

Tucker Leavitt 12th grade
Liberating Energy from Water? Investigating Anomalous Water Arc Explosions
 Animas High School Durango

Fourth Place

Bethany Hibbs 9th grade
Does Height Affect Impact?
 Pioneer Christian School Rocky Ford

 Junior Division Plant Sciences

First Place

Michelle Kummel 7th grade
Cute, But in Control: Prairie Dogs and the Short-Grass Prairie
 North Middle School Colorado Springs

Second Place

Callie Matteson & Ashley Vitti 7th grade
The Great Climate Debate: The Affects of Varying Temperature and CO2 on Plant Growth
 North Middle School Colorado Springs

Third Place

Hayes Witherow & Gabriel Wright 6th grade
From the Ashes: Questioning the Fertility and Sterility of Waldo Canyon Fire Soil
 North Middle School Colorado Springs

Fourth Place

Julia Jackson 7th grade
Ashes, Ashes, Will We All Grow?
 Notre Dame Catholic School Denver

Honorable Mention

Kayleen Saffer 7th grade
The Scoop on Poop
 Arriba-Flagler School Flagler

Honorable Mention

Talor Saffer 8th grade
Too Much of a Good Thing? 2
 Arriba-Flagler School Flagler

Honorable Mention

Bridget Goddard 8th grade
Does Hydroponics, Aquaponics, or Planting Soil Affect Plant Growth?
 Bayfield Middle School Bayfield

Honorable Mention

Kalten Mattics 7th grade
Effect on Plant Growth from Gravity, Electricity and Color of Light
 Olathe Middle School Olathe

 Senior Division Plant Sciences

First Place

Hinal Rathi 11th grade
Love- Hate Bond Amongst Tubers and Elements
 Alamosa High School Alamosa

Second Place

Emma Scholz 10th grade
Studying the Effects of Gliadin Protein Levels in Hybrid Wheats on the Regeneration in Lumbriculus
 Sterling High School Sterling

Third Place

Faith Sears 11th grade
The Current Growing Conditions of and Effects of Growth Hormones on Corn/Wheat
 Union Colony Preparatory School Greeley

Fourth Place

Jonathan Xu 9th grade
The Effect of Low Power Microwaves on Plant Growth
 Cherry Creek High School Greenwood Village

2013 Colorado Science and Engineering Fair

Special Awards Press Release

Colorado Science and Engineering Fair

Ralph Desch Memorial Technical Writing Award

Logan Collins 10th grade
\$100, certificate

Fairview High School Boulder

Testing Artificial Genes Designed to Inhibit the Growth of E. coli As an Alternative to Traditional Antibiotics

Student Choice Award

Alyssa Frager 7th grade

\$100, certificate, trophy

The Classical Academy Colorado Springs

It's a Kick

Lexi Thompson 12th grade

\$100, certificate, trophy

Otis Jr/Sr High School Otis

Creation of a Yield Probability Calculator

Poster Art Contest

Haley Ballard

\$100, certificate

Pueblo South High School Pueblo

Pioneers of Science

Edward Teller Award

Sean Smith 8th grade

\$30, certificate

Cherry Creek Challenge School Denver

Seeing Sound: A Study of Cymatics in Two Dimensions

Edwin Hubble Award

Molly Nehring 6th grade

\$30, certificate

Monte Vista Middle School Monte Vista

Have You Been Mooned?

G V Black Award

Quinn Luthy 7th grade

\$30, certificate

Miller Middle School Durango

Plague, Inc.

Georges Cuvier Award

Danae Beauprez 6th grade

\$30, certificate

Otis Elementary School Otis

Wormy Maze

Grace Hopper Award

Jamison White 6th grade

\$30, certificate

Blevins Middle School Fort Collins

Golf Ball vs. Mathematics

James Joule Award

Ben Bleichrodt 6th grade

\$30, certificate

West Jefferson Middle School Conifer

Don't Rock the Boat

John Salk Award

Jessalyn Bay-Voit 8th grade

\$30, certificate

Mancos Middle School Mancos

Bites?

Louis Pasteur Award

Cierra Ruybal 7th grade

\$30, certificate

Pueblo School for Arts and Sciences Pueblo

Bacteria Age Rage

Luther Burbank Award

Talor Saffer 8th grade

\$30, certificate

Arriba-Flagler School Flagler

Too Much of a Good Thing? 2

Margaret Mead Award

Sarah Wong 8th grade

\$30, certificate

Banning Lewis Ranch Academy Colorado Springs

Are You Smarter Than A 5th Grader?

Marie Curie Award

Loretta Avis 7th grade

\$30, certificate

Trinidad Middle School Trinidad

Do All Household Substances Form Crystals?

Max Planck Award

Connor Voss 6th grade

\$30, certificate

Beulah School of Natural Sciences Beulah

Space vs. Sheep: Which is Warmer?

Nicola Tesla Award

Hayden Ballard 8th grade

\$30, certificate

Beulah School of Natural Sciences Beulah

Steel vs. Obsidian: Which Makes the Cut?

Rachel Carson Award

Emily Nicol 8th grade

\$30, certificate

Louisville Middle School Louisville

Shurry Fury

Sigmund Freud Award

Tate Hinger 7th grade

\$30, certificate

Pagosa Springs Middle School Pagosa Springs

Cheater, Cheater

Military

United States Air Force

Matthew Hileman 9th grade
certificate, laptop backpack, personal lunch bag, 3-in-1
calculator-picture frame-LCD digital clock, helicopter pen
The Classical Academy College Pathways Colorado Springs
*Ion Propulsion: Electrostatic Thruster Design and
Optimization for Space Applications*

Kevin Garcia 11th grade
certificate, laptop backpack, personal lunch bag, 3-in-1
calculator-picture frame-LCD digital clock, helicopter pen
Center High School Center
*Field Force Braking: Using an Electrical Induced Current to
Stop an Object*

Trevor Jordan 9th grade
certificate, laptop backpack, personal lunch bag, 3-in-1
calculator-picture frame-LCD digital clock, helicopter pen
Grace Preparatory Academy Durango
How Wing Design Affects Lift

Simon Schaefer 11th grade
certificate, laptop backpack, personal lunch bag, 3-in-1
calculator-picture frame-LCD digital clock, helicopter pen
Monte Vista High School Monte Vista
Reflective Properties of Mathematical Curves

United States Army

US Army Research Laboratory Award

Kai Kloepfer 10th grade
\$25, certificate
Fairview High School Boulder
Biometric Electromechanical Firearm Safety

Easton LaChappelle 11th grade
\$25, certificate
Mancos High School Mancos
*Fine Motor Skills Using Neural Activated Biomechanical
Prosthesis*

Riley Rodenburg & Justin Rodenburg 12th grade
\$25, certificate
Peak to Peak Charter School Lafayette
*Prolonging the Service Life of Lithium Ion Batteries in Electric
Vehicles (EV) Using Double Layer Capacitors (EDLC)*

Cameron Crandall 12th grade
\$25, certificate
Brush High School Brush
The Solar Powered Stirling Engine

Timothy Lyne 12th grade
\$50, certificate, medallion
Brush High School Brush
Friction-Reducing Ferromagnetic Fluid

United States Navy & Marine Corps

Academy of Applied Science & Office of Naval Research Award

Rahul Ramesh 8th grade
certificate
Cherry Creek Challenge School Denver
*Constructing a Microbial Desalination Fuel Cell to Generate
Electricity from Anaerobic Wastewater Sludge and Reduce
Conductivity of Salt Water*

Dylan Lucko 8th grade
certificate
St. John the Baptist School Longmont
Blow in' in the Ionic Wind

Bridget Goddard 8th grade
certificate
Bayfield Middle School Bayfield
*Does Hydroponics, Aquaponics, or Planting Soil Affect Plant
Growth?*

Cameron Keel 8th grade
certificate
Summit Charter Middle School Boulder
Investigating Genetically Modified Foods

Stephen Parish 10th grade
\$75 gift certificate, certificate
Home School Colorado Springs
*Seeing the Big Picture: A Target-Oriented Approach to
Optimization*

Wesley Hileman 12th grade
\$75 gift certificate, certificate
The Classical Academy College Colorado Springs
*Predicting Rust: Modeling the Electrochemical Deterioration
of Iron*

Kai Kloepfer 10th grade
\$75 gift certificate, certificate
Fairview High School Boulder
Biometric Electromechanical Firearm Safety

Organizational

Air & Waste Management Association Rocky Mountain States Section

Daniel Wolff 8th grade
\$50
Orchard Mesa Middle School Grand Junction
*Smoke on the Water: Measuring the Effects of Wildfire Ash on a
Fresh Water Stream*

Daniel Culver 8th grade
\$100
Columbine Middle School Montrose
Improved Indoor Biomass Cook Stove

Jessica Constant 12th grade
\$100
Poudre High School Ft. Collins
*Computer Modeling VI: A Study Into Cloud Formation and the
Effects on Particulate Scavenging*

American Association of University Women

AAUW Award for Women in STEM

Alanna Chacon 11th grade
\$200
Center High School Center
*Arsenic Contaminated Water: How Can Concentration Levels
Be Lowered to Promote Safe Human Consumption?*

American Chemical Society Colorado Local Section

Peter Woodham 8th grade
certificate, \$100
Summit Charter Middle School Boulder
Molybdenum Disulfide as a Catalyst in Hydrogen Fuel Cells

Michael Chen 11th grade
certificate, \$100
Fairview High School Boulder
*The Effects of Operating Conditions on Gas Transport
Mechanisms through SAPO-34 Zeolite Membranes*

American Institute of Chemical Engineers Rocky Mountain Section

Max Markuson DiPrince 7th grade
\$75
Pueblo School for Arts and Pueblo
Mapping Air Pollution: Pueblo, Colorado

George Liu 8th grade
\$100
The Classical Academy Colorado Springs
Evaluating the Effect of Humidity on Insulation

Michael Brady 11th grade
\$75
Cherry Creek High School Greenwood Village
*A Microbial Fuel Cell for People without Direct Access to
Electricity*

Nurul MohdReza 11th grade
\$100
Union Colony Preparatory School Greeley
*Optimizing Energy Production through Wastewater Treatment:
The Utilization of a Mediator-Less, Single Celled Microbial
Fuel Cell*

American Meteorological Society Denver/Boulder Chapter

AMS Award for Excellence in Atmospheric Sciences Research

Connor Zitzmann 7th grade
certificate, \$50
The Classical Academy Colorado Springs
F5 Live

Ryan Davis & David Rush 9th grade
certificate, \$50
Arriba-Flagler School Flagler
Hot Headed

American Public Power Association Demonstration of Energy Efficient Developments

DEED Energy & Efficiency Innovation Award

George Liu 8th grade
\$50
The Classical Academy Colorado Springs
Evaluating the Effect of Humidity on Insulation

Michael Brady 11th grade
\$75
Cherry Creek High School Greenwood Village
*A Microbial Fuel Cell for People without Direct Access to
Electricity*

DEED Environmental Innovation Award

Evan Savage 8th grade
\$50
Boulder Country Day School Boulder
*Artificial Selection of Microalgae Using Heat Stress:
Improving Algae Biodiesel*

Nurul MohdReza 11th grade
\$75
Union Colony Preparatory School Greeley
*Optimizing Energy Production through Wastewater Treatment:
The Utilization of a Mediator-Less, Single Celled Microbial
Fuel Cell*

American Statistical Association Colorado/Wyoming Chapter

David Young Memorial Award

Michelle Kummel 7th grade
\$150, student membership in the American Statistical
Association, acknowledgement at the chapter spring meeting
and on the chapter website
North Middle School Colorado Springs
Cute, But in Control: Prairie Dogs and the Short-Grass Prairie

Rebecca Bloomfield 8th grade
\$150, student membership in the American Statistical
Association, acknowledgement at the chapter spring meeting
and on the chapter website
North Middle School Colorado Springs
*A Slippery Slope: The Effects of Slope and Remediation
Treatments on Post-Fire Sedimentation*

American Vacuum Society Rocky Mountain Chapter

Lauren Foerster 8th grade
\$50, \$50 matching award to sponsor
Blevins Middle School Fort Collins
Walking on Eggshells: Renewable Bio-composit

Lauren Sommer 7th grade
\$100, \$100 matching award to sponsor
The Classical Academy Colorado Springs
Would Newton Have Preferred a Non-Newtonian Bumper?

Tucker Leavitt 12th grade
\$50, \$50 matching award to sponsor
Animas High School Durango
*Liberating Energy from Water? Investigating Anomalous
Water Arc Explosions*

Easton LaChappelle 11th grade
\$100, \$100 matching award to sponsor
Mancos High School Mancos
Fine Motor Skills Using Neural Activated Biomechanical Prosthesis

**American Water Works Association
Rocky Mountain Section & Rocky Mountain
Water Environment Association**

Lenka Duskocil 8th grade
certificate, \$200
Bayfield Middle School Bayfield
The Water, the Waste and the Wetland

Rahul Ramesh 8th grade
certificate, \$400
Cherry Creek Challenge School Denver
Constructing a Microbial Desalination Fuel Cell to Generate Electricity from Anaerobic Wastewater Sludge and Reduce Conductivity of Salt Water

Rachel Rossi 11th grade
certificate, \$200
Durango High School Durango
Endocrine Disrupter Remediation in Water: Exploration of Mycoremediation Capabilities of Fungi

Hope Weinstein 11th grade
certificate, \$400
Fairview High School Boulder
Zero Valent Iron Nanoparticle Embedded Polyethersulfone Membranes for Water Filtration and Remediation

ASM International

ASM Materials Education Foundation Award

Timothy Lyne 12th grade
\$100
Brush High School Brush
Friction-Reducing Ferromagnetic Fluid

Wesley Hileman 12th grade
\$150
The Classical Academy College Colorado Springs
Predicting Rust: Modeling the Electrochemical Deterioration of Iron

Colorado Association of Meat Processors

Tara Cook 11th grade
\$65, certificate
Sterling High School Sterling
A Study of Bacterial Resistance in Agricultural Livestock and Soil

Colorado Association of Science Teachers

CAST Award

Lindsey Warren 7th grade
\$75
The Classical Academy Colorado Springs
Is Organic Really Healthier? A Redox Titration of Vitamin C in Organic & Conventional Citrus Fruit

Bridget Goddard 8th grade
\$75
Bayfield Middle School Bayfield
Does Hydroponics, Aquaponics, or Planting Soil Affect Plant Growth?

Taylor Rocha 11th grade
\$75
Monte Vista High School Monte Vista
Successional Sequence of Water Quality and Macroinvertebrates in a Playa Wetland System

Kelsey Lindbloom 9th grade
\$75
Salida High School Salida
Fueling the Future Phase 2: An Investigative Look into the Use of Substrates in a Microbial Fuel Cell

Gerald Gromko Memorial Award

Michael Chen 11th grade
\$150
Fairview High School Boulder
The Effects of Operating Conditions on Gas Transport Mechanisms through SAPO-34 Zeolite Membranes

Colorado Biology Teachers' Association

CBTA Best Biology Project Award

Michelle Kummel 7th grade
certificate, \$75
North Middle School Colorado Springs
Cute, But in Control: Prairie Dogs and the Short-Grass Prairie

Natalie Griffin 10th grade
certificate, \$75
Fairview High School Boulder
Inhibitory Bacteria of the Chytrid Fungus Batrachochytrium dendrobatidis

Colorado Chemistry Teachers' Association

A J Keever 7th grade
\$100
Eaton Middle School Eaton
Bioplastic to Dye For

Wesley Hileman 12th grade
\$100
The Classical Academy College Colorado Springs
Predicting Rust: Modeling the Electrochemical Deterioration of Iron

Colorado Dental Association

Cierra Ruybal 7th grade
\$50
Pueblo School for Arts and Pueblo
Bacteria Age Rage

Ellie Mackintosh 8th grade
\$100
Good Shepherd Catholic School Denver
Simply Mouthwatering

Jessalyn Bay-Voit 8th grade
\$50
Mancos Middle School Mancos
Bites?

Ashlyn Loflin 9th grade
\$100
Springfield High School Springfield
Effect of Tooth Decay

**Colorado Division of Reclamation Mining
& Safety**

Outstanding Earth Science Award

Joe Pope 6th grade
\$75
St. Columba Catholic School Durango
Got Oil? A Study of Oil Absorption in Rocks

Devon Enke 11th grade
\$75
La Veta Jr/Sr High School La Veta
Mycoremediation: A Solution to Runoff Pollution?

Colorado Environmental Health Association

Hannah Fischer 8th grade
\$75, framed certificate
Sierra Grande Junior High School Fort Garland
*Pharmaceutical and Personal Care Products (PPCP's):
Understanding the Effects on Stream and Aquatic Life*

Rachel Rossi 11th grade
\$150, framed certificate, invitation to exhibit at the CEHA
Annual Educational Conference (\$400 value)
Durango High School Durango
*Endocrine Disrupter Remediation in Water: Exploration of
Mycoremediation Capabilities of Fungi*

Colorado Foundation for Agriculture

Agriculture in the Classroom Award

Callie Matteson & Ashley Vitti 7th grade
certificate, \$50
North Middle School Colorado Springs
*The Great Climate Debate: The Affects of Varying
Temperature and CO₂ on Plant Growth*

Riley Meisner 7th grade
certificate, \$50
Sterling Middle School Sterling
Does Feeding Time Affect Lambing Time?

Rebecca Morgan 11th grade
certificate, \$50
Victory Christian Academy Falcon
*Some Like It Hot; Cold Has More Value: DNA Analysis of Raw
vs. Cooked Food*

Tara Cook 11th grade
certificate, \$50
Sterling High School Sterling
*A Study of Bacterial Resistance in Agricultural Livestock and
Soil*

Colorado Geographic Alliance
*Colorado Geographic Alliance Application of
Geography Award*

Max Markuson DiPrince 7th grade
\$100
Pueblo School for Arts and Pueblo
Mapping Air Pollution: Pueblo, Colorado

Taylor Rocha 11th grade
\$100
Monte Vista High School Monte Vista
*Successional Sequence of Water Quality and
Macroinvertebrates in a Playa Wetland System*

Colorado Medical Society

Ellie Mackintosh 8th grade
\$100, invitation to the winners and their parents to exhibit at the
Colorado Medical Society Annual Meeting and attendance at
the Presidential Inagural Dinner with a paid overnight stay
Good Shepherd Catholic School Denver
Simply Mouthwatering

Jenna Hartley 10th grade
\$100, invitation to the winners and their parents to exhibit at the
Colorado Medical Society Annual Meeting and attendance at
the Presidential Inagural Dinner with a paid overnight stay
Palmer High School Colorado Springs
*Pseudomonas a. Infections in the Cystic Fibrosis Lung: The
Inhibition of Bio-encapsulated Pathogens*

Colorado Mineral Society

Joe Pope 6th grade
\$25, 2 mineral specimens, book, certificate
St. Columba Catholic School Durango
Got Oil? A Study of Oil Absorption in Rocks

Melody Shellman 8th grade
\$40, 2 mineral specimens, book, certificate
Cherry Creek Challenge School Denver
*Can Fracking Cause Earthquakes? Investigating the Possible
Effects of Fracking Fluids on Earthquakes*

Jacob Nichols 11th grade
\$25, 2 mineral specimens, book, certificate
Brush High School Brush
*A Two-Dimensional Investigation of Hydraulic Fracturing
Principles*

Brisha Wakasugi 12th grade
\$40, 2 mineral specimens, book, certificate
Alamosa High School Alamosa
*The Minnie Lynch: A Comparative Study in the Affects of
Parent Material on Water Quality in Ephemera*

Colorado Mycological Society

Rachel Rossi 11th grade
CMS honorarium membership, certificate, \$50, Vera
Evenson's book
Durango High School Durango
*Endocrine Disrupter Remediation in Water: Exploration of
Mycoremediation Capabilities of Fungi*

Colorado Scientific Society

Joe Pope 6th grade
\$50
St. Columba Catholic School Durango
Got Oil? A Study of Oil Absorption in Rocks

Melody Shellman 8th grade
\$75
Cherry Creek Challenge School Denver
Can Fracking Cause Earthquakes? Investigating the Possible Effects of Fracking Fluids on Earthquakes

Jennifer Jones 10th grade
Mason Anderson 9th grade
Garret Anderson 10th grade
\$75
Union Colony Preparatory School Greeley
Air Today - Gone Tomorrow: A Comprehensive Study of the Effect of Hydraulic Fracturing on Air Quality, Phase I

Brisha Wakasugi 12th grade
\$100
Alamosa High School Alamosa
The Minnie Lynch: A Comparative Study in the Affects of Parent Material on Water Quality in Ephemera

Colorado State University Clean Energy Supercluster

Clean Energy Achievement Award

Riley Rodenburg & Justin Rodenburg 12th grade
certificate, invitation to present research at the annual Cenergy Expo, April 18, 2013 at Colorado State University (travel expenses reimbursed up to \$500)
Peak to Peak Charter School Lafayette
Prolonging the Service Life of Lithium Ion Batteries in Electric Vehicles (EV) Using Double Layer Capacitors (EDLC)

Colorado State University College of Agricultural Sciences

Innovations in the Science of Agriculture Award

Haleigh Prosser 7th grade
\$500
Wiley Jr/Sr High School Wiley
Preventing Infections: Does Side Dominance Lower Infection Rate in Cattle?

Tara Cook 11th grade
\$500
Sterling High School Sterling
A Study of Bacterial Resistance in Agricultural Livestock and Soil

Colorado State University

Dept. of Biochemistry & Molecular Biology

Lawrence Zhang 11th grade
\$100, certificate
Fairview High School Boulder
miRNA and Cancer - Phase II: Constructing a Bidirectional Cassette to Identify miRNA Regulators

Colorado State University Department of Chemistry

A J Keever 7th grade
certificate, \$100
Eaton Middle School Eaton
Bioplastic to Dye For

Wesley Hileman 12th grade
certificate, \$100
The Classical Academy College Colorado Springs
Predicting Rust: Modeling the Electrochemical Deterioration of Iron

Colorado State University

Dept. of Horticulture & Landscape Architecture

Callie Matteson & Ashley Vitti 7th grade
\$100
North Middle School Colorado Springs
The Great Climate Debate: The Affects of Varying Temperature and CO2 on Plant Growth

Bridget Goddard 8th grade
\$100
Bayfield Middle School Bayfield
Does Hydroponics, Aquaponics, or Planting Soil Affect Plant Growth?

Julia Baroth 8th grade
\$100
Stanley British Primary School Denver
Does "Joe" Help Plants Grow?

Hinal Rathi 11th grade
\$100
Alamosa High School Alamosa
Love- Hate Bond Amongst Tubers and Elements

Colorado Veterinay Medical Association & CVMA Auxilary

Riley Meisner 7th grade
certificate, \$50 from CVMA and \$50 from CVMA Auxiliary
Sterling Middle School Sterling
Does Feeding Time Affect Lambing Time?

Montana Cook 9th grade
certificate, \$50 from CVMA and \$50 from CVMA Auxiliary
Walsh Jr/Sr High School Walsh
Artificial Insemination: Comparing Methods of Thawing Bull Semen

Colorado's Touchstone Energy Cooperatives

The Colorado EnergyWise Award

George Liu 8th grade
\$250
The Classical Academy Colorado Springs
Evaluating the Effect of Humidity on Insulation

Cristian Granados 6th grade
\$250
North Middle School Colorado Springs
Making the Switch: Do I Really Save Energy By Turning Off My Lights?

Nurul MohdReza 11th grade
\$250
Union Colony Preparatory School Greeley
Optimizing Energy Production through Wastewater Treatment: The Utilization of a Mediator-Less, Single Celled Microbial Fuel Cell

Kelsey Lindbloom 9th grade
\$250
Salida High School Salida
Fueling the Future Phase 2: An Investigative Look into the Use of Substrates in a Microbial Fuel Cell

Colorado-Wyoming Society of American Foresters

Rebecca Bloomfield 8th grade
\$100
North Middle School Colorado Springs
A Slippery Slope: The Effects of Slope and Remediation Treatments on Post-Fire Sedimentation

Sarah Stalcup 11th grade
\$100
Delta High School Delta
Riparian Area Multiple Indicator Monitoring

Comstock Family

Heather Comstock Memorial Award

Jenna Hartley 10th grade
\$200
Palmer High School Colorado Springs
Pseudomonas a. Infections in the Cystic Fibrosis Lung: The Inhibition of Bio-encapsulated Pathogens

Eppler Family

Cristian Granados 6th grade
microprocessor kit and digital multimeter (\$100 value)
North Middle School Colorado Springs
Making the Switch: Do I Really Save Energy By Turning Off My Lights?

Keena Murphy 7th grade
microprocessor kit and digital multimeter (\$100 value)
Pagosa Springs Pagosa Springs
Taking the Suspense Out of Bridges

Fort Collins Conservation District

Julia Jackson 7th grade
\$50, plaque
Notre Dame Catholic School Denver
Ashes, Ashes, Will We All Grow?

Scott Rosas 11th grade
\$50, plaque
Sterling High School Sterling
Agricultural Runoff and How it Affects Algae in Wetlands Habitats

Frank Armbruster Memorial

Frank Armbruster Memorial Award

Shania Pribble & Taeylor Samora 6th grade
\$100
Mancos Middle School Mancos
Adaptive Snowboard

Institute of Electrical and Electronics Engineers
Alexa Tena 7th grade
\$100
Buchanan Middle School Wray
Does a Cell Phone Conversation Affect Reaction Time?

Easton LaChappelle 11th grade
\$150
Mancos High School Mancos
Fine Motor Skills Using Neural Activated Biomechanical Prosthesis

Little Shop of Physics

Matthew McCausland Memorial Award

Shania Pribble & Taeylor Samora 6th grade
\$100
Mancos Middle School Mancos
Adaptive Snowboard

Keelin Savage 9th grade
\$100
Grace Preparatory Academy Durango
Aiming True

Lockheed Martin

Emily Hartlaub 7th grade
\$50
Monument Academy Monument
Fin Configuration & the Coefficient of Drag

Matthew Hileman 9th grade
\$100
The Classical Academy College Colorado Springs
Ion Propulsion: Electrostatic Thruster Design and Optimization for Space Applications

National Geophysical Data Center

Rebecca Bloomfield 8th grade
certificate, plaque, \$50 money order
North Middle School Colorado Springs
A Slippery Slope: The Effects of Slope and Remediation Treatments on Post-Fire Sedimentation

Optical Society of America Rocky Mountain Chapter

Anton Milliken 6th grade
certificate, token issue and 1-year subscription to Discover Magazine
Corwin International Magnet Pueblo
How Do Fiber Optics Bend Light?

Simon Schaefer 11th grade
certificate, token issue and 1-year subscription to Discover Magazine
Monte Vista High School Monte Vista
Reflective Properties of Mathematical Curves

Rawat Family

Champion of Scientific Innovation Award

Andrew Anderson 7th grade
\$50, trophy
Buchanan Middle School Wray
Is Your Water Charged?

Eric Oestman
\$100, trophy
Buchanan Middle School Wray

Zariah Mason
\$50, trophy
Branson School Branson

Jodi Doherty
\$100, trophy
Branson School Branson

Rocky Mountain Association of Geologists

Hannah deKay & Raelen Barr
certificate, cash award
Silverton School Silverton

How Does Temperature Affect the pH of Cement Creek?

Molly Nehring
certificate, cash award
Monte Vista Middle School Monte Vista

Have You Been Mooned?

Joe Pope
certificate, cash award
St. Columba Catholic School Durango

Got Oil? A Study of Oil Absorption in Rocks

Brisha Wakasugi
certificate, cash award
Alamosa High School Alamosa

The Minnie Lynch: A Comparative Study in the Affects of Parent Material on Water Quality in Ephemera

SACNAS, Colorado State University Chapter

Daniel & Doreen Suchman Award

Leighton Burt
\$50
Sargent Junior High School Monte Vista

Slick or Stick: Investigating μ (Mu) of Sandboarding

Hale Laybourn Memorial Award

Tayler Rocha
\$50
Monte Vista High School Monte Vista

Successional Sequence of Water Quality and Macroinvertebrates in a Playa Wetland System

Nicholas Holland
\$50
Bromley East Charter School Brighton

Magnetized!

SACNAS Colorado State University Award

Marcus Padia
\$50
Rocky Mountain High School Fort Collins

The Front Range Perception on Wind Energy

Science Toy Magic, LLC

Cristian Granados
\$50
North Middle School Colorado Springs

Making the Switch: Do I Really Save Energy By Turning Off My Lights?

Madison Beckner
\$100
Buchanan Middle School Wray

Electric: A Study of the Most Efficient Way to Generate Static Electricity

Eric Lyne
\$50
Brush High School Brush

Purifying Water with Solar Energy

Kevin Garcia
\$100
Center High School Center

Field Force Braking: Using an Electrical Induced Current to Stop an Object

Society for Mining, Metallurgy and Exploration Colorado Section

Hannah deKay & Raelen Barr
\$100, plaque
Silverton School Silverton

How Does Temperature Affect the pH of Cement Creek?

Lenka Dorskocil
\$200, plaque
Bayfield Middle School Bayfield

The Water, the Waste and the Wetland

Sydney Anderson
\$100, plaque
Edison High School Yoder

Engineering Personal Protective Equipment to Detect Dangerous Levels of Carbon Monoxide

Brisha Wakasugi
\$200, plaque
Alamosa High School Alamosa

The Minnie Lynch: A Comparative Study in the Affects of Parent Material on Water Quality in Ephemera

Society of Manufacturing Engineers Colorado Chapter 354

Andy Keller Memorial Award

Easton LaChappelle
scholarship awards valued as much as \$600 and recognition by the chapter
Mancos High School Mancos

Fine Motor Skills Using Neural Activated Biomechanical Prosthesis

Will McCloskey & Tristan Smith
scholarship awards valued as much as \$600 and recognition by the chapter
Flagstaff Academy Longmont

SAAPBR: Semi-automated Algae Photo Bio Reactor

Maxx Helfer
scholarship awards valued as much as \$600 and recognition by the chapter
Palmer High School Colorado Springs

Impervious

**Society of Women Engineers
Rocky Mountain Section**

Shania Pribble & Taeylor Samora 6th grade
certificate, \$75
Mancos Middle School Mancos
Adaptive Snowboard

Lauren Sommer 7th grade
certificate, \$100
The Classical Academy Colorado Springs
Would Newton Have Preferred a Non-Newtonian Bumper?

Nurul MohdReza 11th grade
certificate, \$75
Union Colony Preparatory School Greeley
*Optimizing Energy Production through Wastewater Treatment:
The Utilization of a Mediator-Less, Single Celled Microbial
Fuel Cell*

Hope Weinstein 11th grade
certificate, \$100
Fairview High School Boulder
*Zero Valent Iron Nanoparticle Embedded Polyethersulfone
Membranes for Water Filtration and Remediation*

**SPIE - The International Society for Optics and
Photonics**

SPIE Optics and Photonics Award

Molly Nehring 6th grade
\$100
Monte Vista Middle School Monte Vista
Have You Been Mooned?

Zach Mast 7th grade
\$150
The Classical Academy Colorado Springs
Green Light: Recycling the Light Around Us

Anton Milliken 6th grade
\$250
Corwin International Magnet Pueblo
How Do Fiber Optics Bend Light?

Cameron Crandall 12th grade
\$100
Brush High School Brush
The Solar Powered Stirling Engine

Alanna Chacon 11th grade
\$150
Center High School Center
*Arsenic Contaminated Water: How Can Concentration Levels
Be Lowered to Promote Safe Human Consumption?*

Wesley Hileman 12th grade
\$250
The Classical Academy College Colorado Springs
*Predicting Rust: Modeling the Electrochemical Deterioration
of Iron*

The Inventor's Roundtable

Connor Sendel 10th grade
\$100, free patent search (\$499 value)
Cherry Creek High School Greenwood Village
iPad Cases for Autism

Trout Unlimited

Trout Unlimited River Conservation Award

Sarah Stalcup 11th grade
\$50 savings bond, 2nd alternate to attend Colorado Trout
Unlimited's River Conservation and Fly Fishing Youth
Delta High School Delta
Riparian Area Multiple Indicator Monitoring

Taylor Rocha 11th grade
\$75 savings bond, 1st alternate to attend Colorado Trout
Unlimited's River Conservation and Fly Fishing Youth
Monte Vista High School Monte Vista
*Successional Sequence of Water Quality and
Macroinvertebrates in a Playa Wetland System*

Rachel Rossi 11th grade
\$100 savings bond, scholarship to attend Colorado Trout
Unlimited's River Conservation and Fly Fishing Youth
Durango High School Durango
*Endocrine Disrupter Remediation in Water: Exploration of
Mycoremediation Capabilities of Fungi*

**United States Department of Commerce
DOC Award for Excellence in Science and
Engineering**

Cole Hugelmeyer 12th grade
alternate for opportunity of summer employment with the
Department of Commerce
Boulder High School Boulder
Discretization of Infinite Dimensional Geodesics

Tucker Leavitt 12th grade
opportunity of summer employment with the Department of
Commerce
Animas High School Durango
*Liberating Energy from Water? Investigating Anomalous
Water Arc Explosions*

United States Geological Survey

*USGS Excellence in Geological or Water Research
Award*

Joe Pope 6th grade
reference book, mineral specimen, certificate
St. Columba Catholic School Durango
Got Oil? A Study of Oil Absorption in Rocks

Taylor Rocha 11th grade
reference book, mineral specimen, certificate
Monte Vista High School Monte Vista
*Successional Sequence of Water Quality and
Macroinvertebrates in a Playa Wetland System*

University of Colorado, Denver

Medical Scientist Training Program Award

Logan Collins 10th grade
\$50
Fairview High School Boulder
*Testing Artificial Genes Designed to Inhibit the Growth of E.
coli As an Alternative to Traditional Antibiotics*

Lawrence Zhang 11th grade
 \$50
 Fairview High School Boulder
*miRNA and Cancer - Phase II: Constructing a Bidirectional
 Cassette to Identify miRNA Regulators*

University of Northern Colorado
MAST Institute Award

Avi Swartz 8th grade
 \$50
 Cherry Creek Challenge School Denver
An Attempted Polynomial Solution to an NP Problem
 Connor Sendel 10th grade
 \$50
 Cherry Creek High School Greenwood Village
iPad Cases for Autism

Wojtaszek Family

Paul Wojtaszek Memorial Award

Lawrence Zhang 11th grade
 \$300
 Fairview High School Boulder
*miRNA and Cancer - Phase II: Constructing a Bidirectional
 Cassette to Identify miRNA Regulators*

**Women in Physics, Colorado State University
 Chapter**

Promising Young Woman in Science Award

Leah Fattor 8th grade
 certificate
 Summit Charter Middle School Boulder
Is Your Guitar Too Hot To Handle?
 Madison Beckner 8th grade
 \$50
 Buchanan Middle School Wray
*Electric: A Study of the Most Efficient Way to Generate Static
 Electricity*

Yale Science and Engineering Association

Most Outstanding 11th Grade Project Award

Michael Chen 11th grade
 certificate, pewter medallion (to be mailed)
 Fairview High School Boulder
*The Effects of Operating Conditions on Gas Transport
 Mechanisms through SAPO-34 Zeolite Membranes*

Zonta Club of Boulder County

Amelia Earhart Award

Molly Nehring 6th grade
 \$100
 Monte Vista Middle School Monte Vista
Have You Been Mooned?

Scholarships

Adams State University

Adams State University Scholarship

Montana Cook 9th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 Walsh Jr/Sr High School Walsh
*Artificial Insemination: Comparing Methods of Thawing Bull
 Semen*
 Rebecca Dillon 9th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 West Grand High School Kremmling
Comprehension!?
 Alanna Chacon 11th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 Center High School Center
*Arsenic Contaminated Water: How Can Concentration Levels
 Be Lowered to Promote Safe Human Consumption?*
 Jacob Nichols 11th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 Brush High School Brush
*A Two-Dimensional Investigation of Hydraulic Fracturing
 Principles*
 Cody Laxton 10th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 Connections Academy Englewood
Testing Drafting Over Two Vehicles
 Colton Shannon 9th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 Trinidad High School Trinidad
Artificial Light vs. Natural Light
 Devon Enke 11th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 La Veta Jr/Sr High School La Veta
Mycoremediation: A Solution to Runoff Pollution?
 Stephen Parish 10th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 Home School Colorado Springs
*Seeing the Big Picture: A Target-Oriented Approach to
 Optimization*
 Abigail Krause 11th grade
 certificate, scholarship valued as the equivalent to one-year
 resident tuition and fees (approximately \$5,000)
 Lone Star School Otis
*Eat the Hull Cracker: A Palatability Study for the Ingestion of
 Wheat Hull*

Tara Cook 11th grade
certificate, scholarship valued as the equivalent to one-year
resident tuition and fees (approximately \$5,000)
Sterling High School Sterling
*A Study of Bacterial Resistance in Agricultural Livestock and
Soil*

Kevin Garcia 11th grade
certificate, scholarship valued as the equivalent to one-year
resident tuition and fees (approximately \$5,000)
Center High School Center
*Field Force Braking: Using an Electrical Induced Current to
Stop an Object*

Hinal Rathi 11th grade
certificate, scholarship valued as the equivalent to one-year
resident tuition and fees (approximately \$5,000)
Alamosa High School Alamosa
Love- Hate Bond Amongst Tubers and Elements

Blake Filkins & Alyssa Pedri 11th grade
certificate, scholarship valued as the equivalent to one-year
resident tuition and fees (approximately \$5,000)
Primero School Weston
Wireless Robotics

Colorado School of Mines

Colorado School of Mines Scholarship

Rachel Rossi 11th grade
\$1,000 CSM scholarship, renewable for up to 3 additional years
for use towards an undergraduate degree
Durango High School Durango
*Endocrine Disrupter Remediation in Water: Exploration of
Mycoremediation Capabilities of Fungi*

Nurul MohdReza 11th grade
\$1,000 CSM scholarship, renewable for up to 3 additional years
for use towards an undergraduate degree
Union Colony Preparatory School Greeley
*Optimizing Energy Production through Wastewater Treatment:
The Utilization of a Mediator-Less, Single Celled Microbial
Fuel Cell*

Alanna Chacon 11th grade
\$1,000 CSM scholarship, renewable for up to 3 additional years
for use towards an undergraduate degree
Center High School Center
*Arsenic Contaminated Water: How Can Concentration Levels
Be Lowered to Promote Safe Human Consumption?*

Kevin Garcia 11th grade
\$1,000 CSM scholarship, renewable for up to 3 additional years
for use towards an undergraduate degree
Center High School Center
*Field Force Braking: Using an Electrical Induced Current to
Stop an Object*

Colorado State University

Colorado State University Scholarship

Montana Cook 9th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Walsh Jr/Sr High School Walsh
*Artificial Insemination: Comparing Methods of Thawing Bull
Semen*

Audra Burke & Jason Mackay 11th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Edison High School Yoder
*Half Full or Half Empty: A Study of the Overall Effects of
Optimism & Pessimism on Group Performance*

Elizabeth Walker 10th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Springfield High School Springfield
*Easy as Pie: Testing the Viscosity of Starch at Different
Temperatures*

Brisha Wakasugi 12th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Alamosa High School Alamosa
*The Minnie Lynch: A Comparative Study in the Affects of
Parent Material on Water Quality in Ephemera*

Nurul MohdReza 11th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Union Colony Preparatory School Greeley
*Optimizing Energy Production through Wastewater Treatment:
The Utilization of a Mediator-Less, Single Celled Microbial
Fuel Cell*

Rachel Rossi 11th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Durango High School Durango
*Endocrine Disrupter Remediation in Water: Exploration of
Mycoremediation Capabilities of Fungi*

Cole Hugelmeyer 12th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Boulder High School Boulder
Discretization of Infinite Dimensional Geodesics

Shelly Steinert 9th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Sargent High School Monte Vista
*Polymerase Chain Reaction Analysis on Gene GLI3, Causing
Polydactyly in 3 DNA Generations*

Logan Collins 10th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Fairview High School Boulder
*Testing Artificial Genes Designed to Inhibit the Growth of E.
coli As an Alternative to Traditional Antibiotics*

Ilse Meiler 9th grade
\$1,000 scholarship to attend CSU, renewable for up to 3
additional years
Peak to Peak Charter School Lafayette
CSI: Liquid Lie

Hinal Rathi 11th grade
\$1,000 scholarship to attend CSU, renewable for up to 3 additional years
Alamosa High School Alamosa
Love- Hate Bond Amongst Tubers and Elements

**Colorado State University
College of Natural Sciences**

Colorado State University

College of Natural Sciences Scholarship

Cole Hugelmeyer 12th grade
\$1,000 scholarship to attend CSU, renewable for up to 3 additional years
Boulder High School Boulder
Discretization of Infinite Dimensional Geodesics

Easton LaChappelle 11th grade
\$1,000 scholarship to attend CSU, renewable for up to 3 additional years
Mancos High School Mancos
Fine Motor Skills Using Neural Activated Biomechanical Prosthesis

Logan Collins 10th grade
\$1,000 scholarship to attend CSU, renewable for up to 3 additional years
Fairview High School Boulder
Testing Artificial Genes Designed to Inhibit the Growth of E. coli As an Alternative to Traditional Antibiotics

Colorado State University, Pueblo

Colorado State University, Pueblo Scholarship

Cameron Crandall 12th grade
\$1,000 scholarship to attend Colorado State University, Pueblo
Brush High School Brush
The Solar Powered Stirling Engine

Stephen Parish 10th grade
\$1,000 scholarship to attend Colorado State University, Pueblo
Home School Colorado Springs
Seeing the Big Picture: A Target-Oriented Approach to Optimization

University of Colorado, Boulder

CU Boulder Scholarship

Lauren Foerster 8th grade
4-year \$500/year scholarship to attend CU Boulder
Blevins Middle School Fort Collins
Walking on Eggshells: Renewable Bio-composite

Matthew Hileman 9th grade
4-year \$500/year scholarship to attend CU Boulder
Classical Academy College Pathways Colorado Springs
Ion Propulsion: Electrostatic Thruster Design and Optimization for Space Applications

Kai Kloepfer 10th grade
4-year \$500/year scholarship to attend CU Boulder
Fairview High School Boulder
Biometric Electromechanical Firearm Safety

Nurul MohdReza 11th grade
4-year \$1,000/year scholarship to attend CU Boulder
Union Colony Preparatory School Greeley
Optimizing Energy Production through Wastewater Treatment: The Utilization of a Mediator-Less, Single Celled Microbial Fuel Cell

Rachel Rossi 11th grade
4-year \$1,000/year scholarship to attend CU Boulder
Durango High School Durango
Endocrine Disrupter Remediation in Water: Exploration of Mycoremediation Capabilities of Fungi

Hope Weinstein 11th grade
4-year \$1,000/year scholarship to attend CU Boulder
Fairview High School Boulder
Zero Valent Iron Nanoparticle Embedded Polyethersulfone Membranes for Water Filtration and Remediation

Easton LaChappelle 11th grade
4-year \$1,000/year scholarship to attend CU Boulder
Mancos High School Mancos
Fine Motor Skills Using Neural Activated Biomechanical Prosthesis

Sydney Anderson 11th grade
4-year \$1,000/year scholarship to attend CU Boulder
Edison High School Yoder
Engineering Personal Protective Equipment to Detect Dangerous Levels of Carbon Monoxide

Intel Foundation

Ryan Patterson Scholarship

Brisha Wakasugi 12th grade
\$2,000 scholarship to a school of the student's choosing
Alamosa High School Alamosa
The Minnie Lynch: A Comparative Study in the Affects of Parent Material on Water Quality in Ephemera

SSP

American Psychological Association

Outstanding Research in Psychological Science Award

Taryn Book 9th grade
certificate
Genoa-Hugo School Hugo
Psycho-Cybernetics: Mental Imagery and Athletic Performance Connection

Association for Women Geoscientists

AWG Geoscience Excellence Award

Rebecca Bloomfield 8th grade
certificate
North Middle School Colorado Springs
A Slippery Slope: The Effects of Slope and Remediation Treatments on Post-Fire Sedimentation

Broadcom

Broadcom MASTERS Competition Nomination

Riley Meisner 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Sterling Middle School Sterling
Does Feeding Time Affect Lambing Time?

Alea Hardesty 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Buchanan Middle School Wray
Pep Up Your Brain

Peter Woodham 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Summit Charter Middle School Boulder
Molybdenum Disulfide as a Catalyst in Hydrogen Fuel Cells

Rebecca Bloomfield 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
North Middle School Colorado Springs
*A Slippery Slope: The Effects of Slope and Remediation
Treatments on Post-Fire Sedimentation*

Evan Savage 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Boulder Country Day School Boulder
*Artificial Selection of Microalgae Using Heat Stress:
Improving Algae Biodiesel*

Daniel Culver 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Columbine Middle School Montrose
Improved Indoor Biomass Cook Stove

Hannah Fischer 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Sierra Grande Junior High School Fort Garland
*Pharmaceutical and Personal Care Products (PPCP's):
Understanding the Effects on Stream and Aquatic Life*

Alby Musaelian 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Stanley British Primary School Denver
Up or Down: Investigating Decision Procedures

Ellie Mackintosh 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Good Shepherd Catholic School Denver
Simply Mouthwatering

Max Popkin 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
North Middle School Colorado Springs
*The Effects of Pesticides and Vegetable Wash on Green Leaf
Lettuce Bacterial Colonies*

Anton Milliken 6th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Corwin International Magnet School Pueblo
How Do Fiber Optics Bend Light?

Michelle Kummel 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
North Middle School Colorado Springs
Cute, But in Control: Prairie Dogs and the Short-Grass Prairie

Miranda Coldren 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Kinard Core Knowledge Middle School Fort Collins
What Variables Affect Aggressive Behavior in Birds?

Emma Carter 6th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Boulder Country Day School Boulder
Cell Phone Safety

Cameron Keel 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Summit Charter Middle School Boulder
Investigating Genetically Modified Foods

Chloe Bleak 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Otis Jr/Sr High School Otis
*Effects of Crop Residue, Wind, Radiation, and Temperatures on
Surface Soil Water Evaporation*

Tal Sneh 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Summit Charter Middle School Boulder
Starch Polystyrene: The Bigger Bead the Better?

Lauren Sommer 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
The Classical Academy Colorado Springs
Would Newton Have Preferred a Non-Newtonian Bumper?

Hari Sowrirajan 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Cherry Creek Challenge School Denver
Can Using Cyanobacteria Reduce CO₂ Emissions from Cars?

Cassandra Blew 6th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
La Veta Elementary School La Veta
A-Mazing-Robots

Duncan Lester 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
Summit Charter Middle School Boulder
Dim the Lights to Keep Food Nice

Brady Miller 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
The Classical Academy Colorado Springs
Should You Share That Water?

Dylan Lucko 8th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
St. John the Baptist School Longmont
Blow in' in the Ionic Wind

Callie Matteson & Ashley Vitti 7th grade
certificate, nomination to compete in the Broadcom MASTERS
national middle school science & engineering fair competition
North Middle School Colorado Springs
*The Great Climate Debate: The Affects of Varying
Temperature and CO₂ on Plant Growth*

Intel Corporation

Intel Excellence in Computer Science Award

Jessica Constant 12th grade
certificate, cash award (to be mailed)
Poudre High School Ft. Collins
*Computer Modeling VI: A Study Into Cloud Formation and the
Effects on Particulate Scavenging*

National High School & Two-Year College

Mathematics Honor Society

Mu Alpha Theta Award

Cole Hugelmeyer 12th grade
certificate
Boulder High School Boulder
Discretization of Infinite Dimensional Geodesics

National Society of Professional Engineers

Innovative Engineering Award

Kai Kloepfer 10th grade
certificate, lapel pin, entry into National Innovative
Engineering Award competition (\$1,000)
Fairview High School Boulder
Biometric Electromechanical Firearm Safety

Ricoh Americas Corporation

Ricoh Sustainability Development Award

Evan Savage 8th grade
certificate
Boulder Country Day School Boulder
*Artificial Selection of Microalgae Using Heat Stress:
Improving Algae Biodiesel*

Society for In Vitro Biology

Outstanding Achievement for Ability and Creativity in In Vitro Biology Award

Rachel Rossi 11th grade
certificate
Durango High School Durango
*Endocrine Disrupter Remediation in Water: Exploration of
Mycoremediation Capabilities of Fungi*

United States Department of Commerce

Taking the Pulse of the Planet

Jessica Constant 12th grade
certificate, medallion
Poudre High School Ft. Collins
*Computer Modeling VI: A Study Into Cloud Formation and the
Effects on Particulate Scavenging*

United States Department of Health & Human Services

Surgeon General's Award

Ty Harrison 8th grade
certificate, medallion
Sargent Junior High School Monte Vista
What's Really on the Menu?

United States Metric Association

Best Use of the International System of Units Award

Hope Weinstein 11th grade
certificate
Fairview High School Boulder
*Zero Valent Iron Nanoparticle Embedded Polyethersulfone
Membranes for Water Filtration and Remediation*

Water Environment Federation

Stokholm Junior Water Prize

Hope Weinstein 11th grade
certificate, nomination to the state SJWP competition – entry
deadline is April 15th
Fairview High School Boulder
*Zero Valent Iron Nanoparticle Embedded Polyethersulfone
Membranes for Water Filtration and Remediation*

Rachel Rossi 11th grade
certificate, nomination to the state SJWP competition – entry
deadline is April 15th
Durango High School Durango
*Endocrine Disrupter Remediation in Water: Exploration of
Mycoremediation Capabilities of Fungi*

Nurul MohdReza 11th grade
certificate, nomination to the state SJWP competition – entry
deadline is April 15th
Union Colony Preparatory School Greeley
*Optimizing Energy Production through Wastewater Treatment:
The Utilization of a Mediator-Less, Single Celled Microbial
Fuel Cell*

Teacher

Lockheed Martin

CSEF Teacher of the Year Award

Candus Muir
\$3,000 grant, plaque
The Classical Academy Colorado Springs

Professional Association of Colorado Teachers

PACE Teacher Award

Lindsey Vincent
mug, \$20 gift certificate
Walsh Jr/Sr High School Walsh

Angela Golding mug, \$20 gift certificate Edison High School	Yoder
Van Walker mug, \$20 gift certificate Springfield Jr/Sr High School	Springfield
Judy Lopez mug, \$20 gift certificate Rio Grande Watershed Conservation District	Center
Cathy Hoyt mug, \$20 gift certificate Union Colony Preparatory School	Greeley
Kelly Finlay mug, \$20 gift certificate Mancos High School	Mancos
Dr. Laura Duncan mug, \$20 gift certificate Boulder High School	Boulder
Matt Relyea mug, \$20 gift certificate Sargent Jr/Sr High School	Monte Vista
Dr. Paul Strode mug, \$20 gift certificate Fairview High School	Boulder
Kurt Schaefer mug, \$20 gift certificate Peak to Peak Charter School	Lafayette
Katie Montague mug, \$20 gift certificate Alamosa High School	Alamosa

SparkFun Electronics

SparkFun's Thank You to Educators Award

Candus Muir certificate, scholarship to attend SparkFun's Summer Semester (5 day class valued at \$500) The Classical Academy	Colorado Springs
Angela Golding certificate, scholarship to attend SparkFun's Microcontroller for Educators class (2 day class valued at \$250) Edison High School	Yoder
Linda Niccoli certificate, scholarship to attend SparkFun's Microcontroller for Educators class (2 day class valued at \$250) Fleming High School	Fleming
Terri Paulson certificate, scholarship to attend SparkFun's Microcontroller for Educators class (2 day class valued at \$250) Sargent Jr/Sr High School	Monte Vista