

2006 Colorado Science and Engineering Fair

Grand Awards Press Release

Junior Division Best Individual Project

First Place

Alan Seltzer 8th grade
A Dose Of Detergent And Duckweed
 Summit Middle School Boulder

Second Place

Robin Betz 8th grade
Evolving Solutions
 Summit Middle School Boulder

Third Place

Emily Schnoor 8th grade
De"gas"enator
 Sargent Junior High School Monte Vista

Senior Division Best Individual Project

First Place

Chris Messick 11th grade
Point And Click, Literally: Phase II
 Sargent High School Monte Vista

Second Place

Malcolm Young 11th grade
Coral Bleaching Adaptation
 Centaurus High School Lafayette

Third Place

Lindsey Rugh 9th grade
Fire On The Mountain
 Hotchkiss High School Hotchkiss

Junior Division Best Team Project

First Place

Brandy Haller 8th grade
 Kelsey Martin 8th grade
*You Can Crawl, But You Can't Hide:
 Characterization Of Satellite DNA In The Family
 Tenebrionidea*
 Woodlin School Woodrow

Second Place

Amanda Summers 8th grade
 Trent Thelen 8th grade
Hurricane Busters
 The Classical Academy Colorado Springs

Third Place

Kurt Oleson 7th grade
 Michael Sadwith 7th grade
A Lunch Is A Terrible Thing To Waste!
 Stanley British Primary School Denver

Senior Division Best Team Project

First Place

Max Krakauer 10th grade
 Alex Ruch 10th grade
*Lighting A Fire: A Study Of The Fuels Involved In
 The Hayman Fire*
 Palmer High School Colorado Springs

Second Place

Robert Glissmann 12th grade
 Gwyneth Glissmann 9th grade
*Using Eulerian Models To Determine Initial
 Conditions Of Severe Weather*
 Peak to Peak Charter School Lafayette

Third Place

Michael Polmear 12th grade
 Lalith Polepeddi 12th grade
*Dystrophic Skeletal Muscle Cell Membranes
 Patched By Poloxamer 407*
 Cherry Creek High School Greenwood Village

Junior Division Behavioral & Social Sciences

First Place

Katy Schneider 6th grade
The Mind's Eye
 Miller Middle School Durango

Second Place

Caitlin Reeves 8th grade
Contagious Laughing
 Cortez Middle School Cortez

Third Place

Christina Wilkinson 6th grade
Rock'n Rats!
 Discovery Canyon Campus Colorado Springs

Honorable Mention

Erin Burke 8th grade
Lexicon Science
 Miller Middle School Durango

Honorable Mention

Megan Morgenthaler 8th grade
*Is There A Correlation Between Personality And
 Instrument Selection*
 West Jefferson Middle School Conifer

Team Nomination

Jace Khosla 8th grade
 Jerica Khosla 8th grade
Caffeine's Effect On An Adult
 Roncalli Middle School Pueblo

Team Nomination

Kurt Oleson 7th grade
 Michael Sadwith 7th grade
A Lunch Is A Terrible Thing To Waste!
 Stanley British Primary School Denver

Second Place

Michaela Kaiser 11th grade
*Verifying Greenhouse Techniques Used To Test
 Potatoes For Susceptibility To Powdery Scab*
 Sargent High School Monte Vista

Third Place

Kayla Thoma 10th grade
*Polyethylene Glycol Affects: Acclimation, Cultured
 Russet Potato Exposed To Pseudomonas
 fluorescens*
 Woodlin School Woodrow

Honorable Mention

Ilan Kaye 11th grade
*The Relative Effects Of Smoke On The
 Germination Of Noxious Weed And Native
 Colorado Plant Species*
 Rocky Mountain Hebrew Academy Denver

Senior Division Behavioral & Social Sciences

First Place

Rachel Wynn 10th grade
Does Music + Math = More Success?
 Coronado High School Colorado Springs

Second Place

Melanie Twiss 12th grade
Later-WHO-WHAT-HOW MANY-ality
 Canon City High School Canon City

Third Place

Amber Harlan 10th grade
Are The Guilty Innocent?
 Monte Vista High School Monte Vista

Honorable Mention

Rachel Strauch 9th grade
Sense Of Scents
 Flagler Public School Flagler

Junior Division Botany

First Place

Alan Seltzer 8th grade
A Dose Of Detergent And Duckweed
 Summit Middle School Boulder

Second Place

K C Zinn 6th grade
Erwinia On The Eye
 St. Peter's Lutheran School Monte Vista

Third Place

Doyle Vulcani 7th grade
When Plants Attack
 Our Lady of Fatima School Lakewood

Honorable Mention

Michael McKenna 6th grade
*How Does The Rate Of Transpiration Affect
 Movement Of Water Through Xylem Tubes Of
 Vascular Plants?*
 St. John the Evangelist Middle School Loveland

Senior Division Botany

First Place

Kaitlyn Lingus 10th grade
*One "Mite"y Mission: Biological Compensation
 Suppression Of Convolvulus arvensis Implementing
 Host-Specific Aceria malherbae Phase II*
 Branson School Branson

Junior Division Chemistry

First Place

Jordan Lestina 7th grade
L-Ascorbic Acid - Analyzing Food By Titration
 Dove Creek Middle School Dove Creek

Second Place

Emmie Mediate 7th grade
Color And Chlorine
 The Classical Academy Colorado Springs

Third Place

Katelyn Yowell 7th grade
Column Chromatography
 Genoa-Hugo School Hugo

Honorable Mention

Travis Zuniga 8th grade
Egg Eaters
 Roncalli Middle School Pueblo

Honorable Mention

Joel Lowinger 8th grade
Gas? What's The Alternative?
 Rocky Mountain Hebrew Academy Denver

Senior Division Chemistry

First Place

Lisa Grossman 10th grade
*UV Aware: The Effectiveness Of Sunscreens In
 Blocking UVA Light*
 Palmer High School Colorado Springs

Second Place

Robin Blenden 12th grade
*The Effects Of Anti-Gel Additives On Biodiesel And
 Petroleum Diesel Blends*
 Monte Vista High School Monte Vista

Third Place

Daniel Cromer 12th grade
*Applications Of A Myoglobin Biosensor Optimized
 For Cyanide Detection*
 Cherry Creek High School Greenwood Village

Honorable Mention

Michael Lenker 10th grade
Gas In Motion
 Palmer High School Colorado Springs

Honorable Mention

Alex West 12th grade
*Validation Of A Rapid Cellar Detection Method For
 4-ethyl phenol Produced In Red Wine
 Fermentations*
 Conifer High School Conifer

Team Nomination

Max Krakauer 10th grade
 Alex Ruch 10th grade
*Lighting A Fire: A Study Of The Fuels Involved In
 The Hayman Fire*
 Palmer High School Colorado Springs

 Junior Division Earth & Space Sciences

First Place

Hannah Piekenbrock 6th grade
Erosion In The Denver Metro Area
 West Jefferson Middle School Conifer

Second Place

Jonathan Witte 8th grade
Impact To Sudden Death
 Littleton Academy Littleton

Third Place

Thomas Roland 8th grade
The Effects Of Particle Size On Settling Rate
 Blevins Junior High School Fort Collins

Honorable Mention

Shelby Campbell 8th grade
Is It All Global Warming Or Do Heat Islands Exist?
 Paonia Junior High School Paonia

 Senior Division Earth & Space Sciences

First Place

Chris Twombly 11th grade
The Mystery Of The Teepee Buttes
 Conifer High School Conifer

Second Place

Stephen Wilfong 11th grade
Deadly Snow
 Moffat High School Moffat

Third Place

Charisma Rascon 10th grade
Cosmic Potholes
 Sierra Grande High School Blanca

Honorable Mention

Bailey Jones 11th grade
 Patrick Martin 11th grade
What Is The Radiation Like In Canon City?
 Canon City High School Canon City

 Junior Division Engineering

First Place

J. Raleigh Burt 8th grade
*Deflation Evaluation: Investigating Passive Air Loss
 From Butyl Bicycle Tubes*
 Sargent Junior High School Monte Vista

Second Place

Christopher Krause 8th grade
Caution: Leaky Levees!
 The Classical Academy Colorado Springs

Third Place

Madeline Camp-Drees 7th grade
Snap On Safety Neck Protection
 La Veta Jr/Sr High School La Veta

Honorable Mention

Scott Uhlrich 8th grade
Blowin' In The Wind
 Kinard Junior High School Fort Collins

Honorable Mention

Kendall Wilkins 8th grade
It's Getting Hot In Here
 Yuma Middle School Yuma

Honorable Mention

Daniel Haarburger 8th grade
Resource Face-Off: Hydrogen vs. Solar
 Summit Middle School Boulder

Team Nomination

Amanda Summers 8th grade
 Trent Thelen 8th grade
Hurricane Busters
 The Classical Academy Colorado Springs

 Senior Division Engineering

First Place

Chris Messick 11th grade
Point And Click, Literally: Phase II
 Sargent High School Monte Vista

Second Place

Forrest Friesen 11th grade
*Design And Construction Of A Dynamic Artificial
 Neural Network*
 Palmer High School Colorado Springs

Third Place

Tim Schneider 10th grade
Running Monoped Robots
 Durango High School Durango

Honorable Mention

Andrew West 10th grade
*The Production Of Diesel Fuel From Food Grade
 Vegetable Oil By A Method Of Catalytic
 Hydrocracking*
 Conifer High School Conifer

Honorable Mention

Matthew Zubiell 10th grade
Indoor Firefighter Location
 Lewis-Palmer High School Monument

 Junior Division Environmental Sciences

First Place

Emily Schnoor 8th grade
De"gas"enator
 Sargent Junior High School Monte Vista

Second Place

Isaiah Branch-Boyle 7th grade
*Solar Integration - The Key To Passive Solar
 Efficiency*
 St. Columba School Durango

Third Place

Jacob Kanack 6th grade
Innovative And Insulated
 St. John the Evangelist Middle School Loveland

Honorable Mention

Amanda Wilcox 7th grade
*Cactus Goo To The Rescue! Does Mucilage Clean
 Contaminated Water?*
 Merino Jr/Sr High School Merino

Honorable Mention

Danielle Burke 8th grade
Up, Up, And Away
 Windsor Charter Academy Windsor

Honorable Mention

Taylor Graham 6th grade
Train Smoke In Durango: An Epidemiological Study
 Miller Middle School Durango

Team Nomination

Matthew Brown 8th grade
 Chris Bennett 8th grade
Quality H2O
 Limon Middle School Limon

 Senior Division Environmental Sciences

First Place

Tyler Keck 12th grade
*Can Super Absorbent Polymers Lower The
 Concentration Of Metals In Real Water
 Environments?*
 Monte Vista High School Monte Vista

Second Place

D J Horton 11th grade
*Biological Control of a Common Corn Criminal
 Phase III*
 Hotchkiss High School Hotchkiss

Third Place

Cody Caver 10th grade
*Hidden Contamination: An Investigation Of
 Elevated Sulfate Levels*
 Woodlin School Woodrow

Honorable Mention

Lesley Petrie 12th grade
*A Socioclimatological Analysis Of The
 Repercussions Of Hurricane Katrina*
 Nederland Jr/Sr High School Nederland

 Junior Division Math & Computer Sciences

First Place

Robin Betz 8th grade
Evolving Solutions
 Summit Middle School Boulder

Second Place

Rahul Shankar 6th grade
To Switch Or Not To Switch
 Mountain Ridge Middle School Colorado Springs

Third Place

Shayne Taylor 6th grade
The Birthday Paradox
 Madison Exploratory School Canon City

Honorable Mention

Candace White 8th grade
Scienceopoly
 Kinard Junior High School Fort Collins

Senior Division Math & Computer Sciences

First Place

Chelsea Oden 10th grade
Pursuing Patterns In Primes, Face III: An Investigation Of Prime Properties In A Three-Dimensional Sieve Of Crotonenes
Monte Vista High School Monte Vista

Second Place

Andrew Milian 9th grade
Computer Chord Recognition
Cherry Creek High School Greenwood Village

Third Place

John Meluso 9th grade
The Demise Of The File System
Palmer High School Colorado Springs

Honorable Mention

Adam Goss 10th grade
Measuring The Fractal Dimension Of A Cauliflower
Brush High School Brush

Honorable Mention

Gregory Carlson 11th grade
Talent Versus Population
Canon City High School Canon City

Team Nomination

Robert Glissmann 12th grade
Gwyneth Glissmann 9th grade
Using Eulerian Models To Determine Initial Conditions Of Severe Weather
Peak to Peak Charter School Lafayette

Junior Division Medicine & Health

First Place

Jennifer Manfredo 8th grade
A Dazzling Time With Visual Acuity
Canon City Middle School Canon City

Second Place

Hannah Price 7th grade
Stuck On You
Sargent Junior High School Monte Vista

Third Place

Kristen Burns 6th grade
Is Cholesterol Level Affected By Different Diets?
West Jefferson Middle School Conifer

Honorable Mention

Kami Keeling 8th grade
How Theobroma Cacao Affects Blood Pressure Part II
Ward Middle School Ordway

Honorable Mention

Joel Jakel 7th grade
Which Type Of Tablet Dissolves The Fastest?
Weld Central Jr/Sr High School Keenesburg

Senior Division Medicine & Health

First Place

Miri Kornfeld 11th grade
ROS Mediated Activation Of Human Endothelial Cells In Response To HIV-1 Tat Protein
Rocky Mountain Hebrew Academy Denver

Second Place

Ananth Sridhar 12th grade
Screening For Immune Deficiencies In Newborns Using Microfluidics
Cherry Creek High School Greenwood Village

Third Place

Stephanie Sandhu 11th grade
Effect Of Myostatin Blockade And Hindlimb Suspension On Leg Muscle Protein Composition
Boulder High School Boulder

Honorable Mention

Elizabeth O'Donnell 12th grade
Anisomycin Influence On Cell Death In Hippocampus
Monarch High School Louisville

Honorable Mention

Kelsey Day 10th grade
Bodybuilding Blackworms: The Effects Of Creatine Supplement On Lumbriculus Variegatus
Lone Star School Otis

Team Nomination

Michael Polmear 12th grade
Lalith Polepeddi 12th grade
Dystrophic Skeletal Muscle Cell Membranes Patched By Poloxamer 407
Cherry Creek High School Greenwood Village

Junior Division Microbiology

First Place

Marlena Widman 8th grade
Grapes In Your Gas Tank
The Classical Academy Colorado Springs

Second Place

Zane Sternberg 8th grade
Does Phellinus Rimosus Contain Antibacterial Agents?
La Veta Jr/Sr High School La Veta

Third Place

Alek Blubaum 8th grade
The Germinator: Death Of Escherichia coli
 Littleton Academy Littleton

Honorable Mention

Aarthi Shankar 8th grade
Dirty Laundry Secrets
 Mountain Ridge Middle School Colorado Springs

 Senior Division Microbiology

First Place

Lindsey Rugh 9th grade
Fire On The Mountain
 Hotchkiss High School Hotchkiss

Second Place

Rachel Kelley 10th grade
Bacteriophages As Antibiotics
 Cherry Creek High School Greenwood Village

Third Place

Joey Baum 11th grade
*Examining LMP-1 Effects On Tyk2 Phosphorylation
 In IL-12 Induced Signaling*
 Boulder High School Boulder

Honorable Mention

Cory Brownell 10th grade
The Effects Of Fungicides On Early Blight Spores
 Fleming High School Fleming

Honorable Mention

Leslie Hase 11th grade
*An Unlikely Weapon Against Bacteria:
 Bacteriophage Therapy As An Alternative To
 Traditional Treatment*
 Merino Jr/Sr High School Merino

Team Nomination

Paul Macias 10th grade
 Alexis Hepworth 10th grade
*Bacteria In Public Restrooms: Harmless Germs Or
 Health Hazard*
 Centennial High School Pueblo

 Junior Division Physics

First Place

Ethan Hahn 8th grade
Ion Lifter Thrust
 The Classical Academy Colorado Springs

Second Place

Allison Bennett 8th grade
*Discovering How To Determine The Height From
 Which A Ball Was Dropped*
 Peak to Peak Charter School Lafayette

Third Place

Conor May 8th grade
Taking The Blow - A Study Of Shock Absorption
 St. Columba School Durango

Honorable Mention

Dane Whicker 8th grade
*The Effect Of Household Materials On WiFi Signal
 Strength*
 Blevins Junior High School Fort Collins

Honorable Mention

Abbi Helfer 6th grade
Altitude Adjusted
 North Middle School Colorado Springs

Honorable Mention

Matthew Avischious 7th grade
Winning At The Free Throw Line
 The Classical Academy Colorado Springs

Honorable Mention

Krista Kinkel 8th grade
What's That Burning?
 Flagler Public School Flagler

Honorable Mention

Kate Cedars 8th grade
Burn It Down
 Rocky Mountain Hebrew Academy Denver

Honorable Mention

Hannah Carrese 7th grade
*What's Hot; What's Not: Reflections On Three Solar
 Thermal Principles*
 North Middle School Colorado Springs

Team Nomination

Milan Patel 8th grade
 Chris Delgado 8th grade
Kelvin Thunderstrom
 Mountain View Core Knowledge School Canon City

Team Nomination

Zoe Phillip 7th grade
 Ashton Taylor 8th grade
Guns Galore
 Limon Middle School Limon

 Senior Division Physics

First Place

Diana Qiu 11th grade
Liquid Crystals
 Palmer High School Colorado Springs

Second Place

Meredith MacGregor 11th grade
Cracking The Brazil Nut Effect
 Fairview High School Boulder

Third Place

David Miller 12th grade
Characterization Of NiTi Nanoparticles
 Cherry Creek High School Englewood

Honorable Mention

Cesar Garcia 11th grade
Insulation: Do You Dress Right?
 Walsh Jr/Sr High School Walsh

 Junior Division Zoology

First Place

Alex Hetrick 8th grade
This Little Piggy ... Didn't Quite Make It!
 Walsh Jr/Sr High School Walsh

Second Place

Trevar Hobbs 8th grade
The tel1 Mutation And Its Effects On The Drosophila Melanogaster
 Ward Middle School Ordway

Third Place

James Mauch 8th grade
Moose On The Mesa
 East Middle School Grand Junction

Honorable Mention

Chase Martin 8th grade
Humans Like It... Ants Don't!
 East Middle School Grand Junction

Team Nomination

Brandy Haller 8th grade
 Kelsey Martin 8th grade
You Can Crawl, But You Can't Hide: Characterization Of Satellite DNA In The Family Tenebrionidea
 Woodlin School Woodrow

 Senior Division Zoology

First Place

Malcolm Young 11th grade
Coral Bleaching Adaptation
 Centaurus High School Lafayette

Second Place

Taylor Thompson 10th grade
The Effects Of Ethanol Wet Distillers Grain In Beef Finishing Diets
 Merino Jr/Sr High School Merino

Third Place

Evan Duggan 11th grade
New Diagnostics For The Twelve World Families Of Solifugidae
 Cherry Creek High School Greenwood Village

Honorable Mention

Ashley Pollock 11th grade
Evaluation Of Primary And Secondary Cells For In Vitro Assessment Of The Foreign Body Response
 Wiggins Jr/Sr High School Wiggins

2006 Colorado Science and Engineering Fair

Special Awards Press Release

Military

Office of Naval Research

Jonathan Witte	8th grade
certificate, medallion	
Littleton Academy	Littleton
<i>Impact To Sudden Death</i>	
Dane Whicker	8th grade
certificate, medallion	
Blevins Junior High School	Fort Collins
<i>The Effect Of Household Materials On WiFi Signal Strength</i>	
Morgan Wilson	6th grade
certificate, medallion	
Sargent Junior High School	Monte Vista
<i>BIO-DIESEL: Don't Just Eat Your Vegetables</i>	
Daniel Haarbarger	8th grade
certificate, medallion	
Summit Middle School	Boulder
<i>Resource Face-Off: Hydrogen vs. Solar</i>	
Madeline Camp-Drees	7th grade
certificate, medallion	
La Veta Jr/Sr High School	La Veta
<i>Snap On Safety Neck Protection</i>	
D J Horton	11th grade
certificate, \$75 gift certificate, medallion	
Hotchkiss High School	Hotchkiss
<i>Biological Control of a Common Corn Criminal Phase III</i>	
Joey Baum	11th grade
certificate, \$75 gift certificate, medallion	
Boulder High School	Boulder
<i>Examining LMP-1 Effects On Tyk2 Phosphorylation In IL-12 Induced Signaling</i>	
Diana Qiu	11th grade
certificate, \$75 gift certificate, medallion	
Palmer High School	Colorado Springs
<i>Liquid Crystals</i>	

United States Air Force ROTC

Ethan Hahn	8th grade
padfolio, scientific calculator, certificate, flash drive	
The Classical Academy	Colorado Springs
<i>Ion Lifter Thrust</i>	

Samantha Ensz	7th grade
padfolio, scientific calculator, certificate, flash drive	
Hi-Plains Jr/Sr High School	Seibert
<i>Are U Stressed?</i>	

Robert Glissmann	12th grade
Gwyneth Glissmann	
9th grade	
padfolio, scientific calculator, certificate, flash drive	
Peak to Peak Charter School	Lafayette
<i>Using Eulerian Models To Determine Initial Conditions Of Severe Weather</i>	

United States Army

Robert Glissmann	12th grade
Gwyneth Glissmann	
9th grade	
certificate, \$50 savings bond	
Peak to Peak Charter School	Lafayette
<i>Using Eulerian Models To Determine Initial Conditions Of Severe Weather</i>	

Yelena Kovshar	9th grade
certificate, \$50 savings bond	
Palmer High School	Colorado Springs
<i>The Best Way To Purify Water In An Emergency.</i>	

Tyler Keck	12th grade
certificate, \$50 savings bond	
Monte Vista High School	Monte Vista
<i>Can Super Absorbent Polymers Lower The Concentration Of Metals In Real Water Environments?</i>	

Rachel Kelley	10th grade
certificate, \$50 savings bond	
Cherry Creek High School	Greenwood Village
<i>Bacteriophages As Antibiotics</i>	

Amber Harlan	10th grade
certificate, \$100 savings bond, silver medallion	
Monte Vista High School	Monte Vista
<i>Are The Guilty Innocent?</i>	

Organizational

American Association of University Women

Emily Schnoor	8th grade
\$100	
Sargent Junior High School	Monte Vista
<i>De"gas"enator</i>	

**American Chemical Society
Colorado Local Section**

Rafe Schroder 8th grade
\$100, certificate
Campo Undivided School Campo
Making It On The Farm

Heidi Brandenburg 12th grade
\$100, certificate
Brush High School Brush
*Development Of A Forensics Lab For The
Identification Of Inhalants By Gas Chromatography*

American Institute of Chemical Engineers

Shelby Messer 8th grade
\$75
Genoa-Hugo School Hugo
*Chromatography Of Markers And Powder Drink
Mixes*

Jordana Lanoue 7th grade
Alia Buchholz 6th grade
\$100
Genoa-Hugo School Hugo
Acid Reactivity

Andrew West 10th grade
\$75
Conifer High School Conifer
*The Production Of Diesel Fuel From Food Grade
Vegetable Oil By A Method Of Catalytic
Hydrocracking*

Mclan Amos 10th grade
Andrew Mahan 10th grade
\$100
Centennial High School Pueblo
Fuel To Air Ratios

**America Meteorological Society
Denver/Boulder Chapter**

Colin Mummery 6th grade
\$50, certificate
St. Columba School Durango
Atmospheric Haze In The Four Corners

Robert Glissmann 12th grade
Gwenyth Glissmann 9th grade
\$50, certificate
Peak to Peak Charter School Lafayette
*Using Eulerian Models To Determine Initial
Conditions Of Severe Weather*

**American Vacuum Society
Rocky Mountain Chapter**

Christy Farnsworth 8th grade
\$50, \$50 matching award to teacher/sponsor
Paonia Junior High School Paonia
*Recycling Fossil Fuel In Semis Through
Regenerative Braking*

Emily Schnoor 8th grade
\$100, \$100 matching award to teacher/sponsor
Sargent Junior High School Monte Vista
De"gas"enator

Forrest Friesen 11th grade
\$50, \$50 matching award to teacher/sponsor
Palmer High School Colorado Springs
*Design And Construction Of A Dynamic Artificial
Neural Network*

Meredith MacGregor 11th grade
\$100, \$100 matching award to teacher/sponsor
Fairview High School Boulder
Cracking The Brazil Nut Effect

Armbruster Associates

Charles Armbruster Memorial Award

Scott Uhlrich 8th grade
\$100
Kinard Core Knowledge Junior Fort Collins
Blowin' In The Wind

Richelle Fritzler 10th grade
\$100
Merino Jr/Sr High School Merino
*Sick From Non-Stick? A Study Done With
Polytetrafluoroethylene And Caenorhabditis
elegans*

ASM International

Paul Sauter 7th grade
\$50
Wiggins Jr/Sr High School Wiggins
Metal + Modifications = Effects On Strength

David Miller 12th grade
\$75
Cherry Creek High School Englewood
Characterization Of NiTi Nanoparticles

**Association for Women Geoscientists
Denver Chapter**

Hannah Piekenbrock 6th grade
\$50, rock sample
West Jefferson Middle School Conifer
Erosion In The Denver Metro Area

Sabrina Kennedy 12th grade
\$50, rock sample
Centaurus High School Lafayette
*The Analyzation Of Coal Creek Dissolved Organic
Carbon And UV Absorbances*

Cherry Creek Basin Water Quality Authority
Matthew Brown 8th grade
Chris Bennett 8th grade
\$50
Limon Middle School Limon
Quality H2O

Jaron Maxson 11th grade
\$50
Canon City High School Canon City
*Living Quality In River Water Versus Water That
Drains Into The River*

Colorado Association of Meat Processors
Jessica Haugen 9th grade
\$50 savings bond, certificate
Sargent High School Monte Vista
*Grass vs Grain: A Study In The Connection
Between IMF And Omega-3 In Beef*

Colorado Association of Science Teachers
Marlena Widman 8th grade
\$50, certificate
The Classical Academy Colorado Springs
Grapes In Your Gas Tank

Terry Williams 8th grade
\$50, certificate
Mt. Garfield Middle School Clifton
Voices Of Light

David Miller 12th grade
\$50, certificate
Cherry Creek High School Englewood
Characterization Of NiTi Nanoparticles

Jessica Haugen 9th grade
\$50, certificate
Sargent High School Monte Vista
*Grass vs Grain: A Study In The Connection
Between IMF And Omega-3 In Beef*

The Gerald Gromko Award

Alex West 12th grade
\$150, plaque
Conifer High School Conifer
*Validation Of A Rapid Cellar Detection Method For
4-ethyl phenol Produced In Red Wine
Fermentations*

Colorado Biology Teachers' Association
James Mauch 8th grade
\$75, certificate
East Middle School Grand Junction
Moose On The Mesa

Kaitlyn Lingus 10th grade
\$75, certificate
Branson School Branson
*One "Mite"y Mission: Biological Compensation
Suppression Of Convolvulus arvensis Implementing
Host-Specific Aceria malherbae Phase II*

Colorado Dental Association
Hannah Price 7th grade
\$25 gift card to Target; an electric toothbrush; and
alternate for attending the Annual Meeting in
Steamboat Springs
Sargent Junior High School Monte Vista
Stuck On You

Christof Bentele 8th grade
\$50, plaque, invitation to present the projects at the
Colorado Dental Association Annual Meeting in
Steamboat Springs, June 16, 2006
Challenger Middle School Colorado Springs
Amphiphilic Toothpaste

David Miller 12th grade
\$50, plaque, invitation to present the projects at the
Colorado Dental Association Annual Meeting in
Steamboat Springs, June 16, 2006
Cherry Creek High School Englewood
Characterization Of NiTi Nanoparticles

Colorado Division of Wildlife
James Mauch 8th grade
\$50, packet of Colorado Division of Wildlife
products
East Middle School Grand Junction
Moose On The Mesa

Tyler Keck 12th grade
\$50, packet of Colorado Division of Wildlife
products
Monte Vista High School Monte Vista
*Can Super Absorbent Polymers Lower The
Concentration Of Metals In Real Water
Environments?*

Colorado Environmental Health
Isaiah Branch-Boyle 7th grade
\$50, framed certificate
St. Columba School Durango
*Solar Integration - The Key To Passive Solar
Efficiency*

Paul Macias 10th grade
Alexis Hepworth 10th grade
\$100, framed certificate, invitation to exhibit at the
CEHA Annual Educational Conference (\$400
value)
Centennial High School Pueblo
*Bacteria In Public Restrooms: Harmless Germs Or
Health Hazard*

Colorado Foundation for Agriculture

Agriculture in the Classroom Award

Robert McCall 8th grade
\$50, certificate
Lone Star School Otis
*Quantification Of Acid Phosphatase In Germinating
Panicum Miliaceum*

Morgan Wilson 6th grade
\$50, certificate
Sargent Junior High School Monte Vista
BIO-DIESEL: Don't Just Eat Your Vegetables

Cody Caver 10th grade
\$50, certificate
Woodlin School Woodrow
*Hidden Contamination: An Investigation Of
Elevated Sulfate Levels*

Ilan Kaye 11th grade
\$50, certificate
Rocky Mountain Hebrew Denver
*The Relative Effects Of Smoke On The
Germination Of Noxious Weed And Native
Colorado Plant Species*

Colorado Geological Survey & Division of Minerals and Geology

Chris Twombly 11th grade
Colorado Geological Survey gift packet of earth
science material
Conifer High School Conifer
The Mystery Of The Teepee Buttes

Thomas Roland 8th grade
Colorado Geological Survey gift packet of earth
science material
Blevins Junior High School Fort Collins
The Effects Of Particle Size On Settling Rate

Alexandra Proietti 7th grade
\$150
Holy Family Catholic School Grand Junction
We're Hot, Hot, Hot In The Piceance Basin

Tyler Keck 12th grade
\$150
Monte Vista High School Monte Vista
*Can Super Absorbent Polymers Lower The
Concentration Of Metals In Real Water
Environments?*

Colorado Medical Society

Hannah Price 7th grade
\$100, invitation to exhibit at the Colorado Medical
Society Annual Meeting and attendance at the
Presidential Inaugural Dinner
Sargent Junior High School Monte Vista
Stuck On You

Richelle Fritzler 10th grade
\$100, invitation to exhibit at the Colorado Medical
Society Annual Meeting and attendance at the
Presidential Inaugural Dinner
Merino Jr/Sr High School Merino
*Sick From Non-Stick? A Study Done With
Polytetrafluoroethylene And Caenorhabditis
elegans*

Colorado Mineral Society

Thomas Roland 8th grade
\$25, 2 mineral specimens, book
Blevins Junior High School Fort Collins
The Effects Of Particle Size On Settling Rate

Jonathan Witte 8th grade
\$40, 2 mineral specimens, book
Littleton Academy Littleton
Impact To Sudden Death

Cody Caver 10th grade
\$25, 2 mineral specimens, book
Woodlin School Woodrow
*Hidden Contamination: An Investigation Of
Elevated Sulfate Levels*

Chris Twombly 11th grade
\$40, 2 mineral specimens, book
Conifer High School Conifer
The Mystery Of The Teepee Buttes

Colorado Mycological Society

Mycological Society Award

Lauren Saxton 8th grade
\$25, Colorado Mushrooms book
Yuma Middle School Yuma
Mycorrhiza: Nature's Little Helper

Colorado Science and Engineering Fair

Pioneers of Science

Reno Tsoisie 7th grade
\$30, certificate
Cortez Middle School Cortez
Color And Memory

Lilith Jacobs 7th grade
\$30, certificate
Bromley East Charter School Brighton
Drinking Water Or Wearing Magnets?

Antonia Lira 8th grade
\$30, certificate
Lamar Middle School Lamar
Do Multiple Washings Of Sleepwear Affect The Flame Resistance?

Kevin Harris 7th grade
\$30, certificate
Wiggins Jr/Sr High School Wiggins
The Sky Is Falling

Kaitlin Hanenburg 8th grade
\$30, certificate
The Classical Academy Colorado Springs
Sound Asleep Keeping Houses Quiet

Noah Fischer 8th grade
\$30, certificate
St. Columba School Durango
Mold: A Study On Mold Growth In The Aftermath Of A Flood

Buddy Watson 7th grade
\$30, certificate
Trinity Lutheran School Fort Morgan
Home Sweet Home Field Advantage?

Bess Boucher 7th grade
\$30, certificate
North Middle School Colorado Springs
Down Deep Into Your Teeth

Monica Brandhuber 6th grade
\$30, certificate
Casey Middle School Boulder
Who's Germier? Man Or Beast?

Shawn Guice 6th grade
\$30, certificate
Miller Middle School Durango
Super Speed

Bethany Maxwell 6th grade
\$30, certificate
Dolores Middle School Dolores
Monkeying Around With Sea Monkeys

Ralph Desch Memorial Technical Writing Award
Meredith MacGregor 11th grade
\$100, certificate
Fairview High School Boulder
Cracking The Brazil Nut Effect

Student Choice Award

Caitlin Reeves 8th grade
\$50, certificate, trophy
Cortez Middle School Cortez
Contagious Laughing

Robert Glissmann 12th grade
Gwyneth Glissmann 9th grade
\$50, certificate, trophy
Peak to Peak Charter School Lafayette
Using Eulerian Models To Determine Initial Conditions Of Severe Weather

Poster Art Contest

Boya Liu
\$100, certificate
Fairview High School Boulder

Colorado Scientific Society

Christopher Krause 8th grade
\$50
The Classical Academy Colorado Springs
Caution: Leaky Levees!

Hannah Piekenbrock 6th grade
\$75
West Jefferson Middle School Conifer
Erosion In The Denver Metro Area

Cody Caver 10th grade
\$75
Woodlin School Woodrow
Hidden Contamination: An Investigation Of Elevated Sulfate Levels

Chris Twombly 11th grade
\$100
Conifer High School Conifer
The Mystery Of The Teepee Buttes

Colorado Veterinary Medical Association CVMA Auxiliary, & Auxiliary to the AVMA

Nicole Hodges 8th grade
\$50 from the CVMA; \$50, certificate & gold medallion from the Auxiliary to the AVMA
West Jefferson Middle School Conifer
Get It Right

Taylor Thompson 10th grade
\$50 from the CVMA; \$50, certificate & gold
medallion from the Auxilary to the AVMA
Merino Jr/Sr High School Merino
*The Effects Of Ethanol Wet Distillers Grain In Beef
Finishing Diets*

Colorado-Wyoming Society of American Foresters

Teryn Paul 8th grade
\$50 savings bond
Dolores Middle School Dolores
Out Of The Ashes

Lindsey Rugh 9th grade
\$50 savings bond
Hotchkiss High School Hotchkiss
Fire On The Mountain

Decisioneering, Inc. - Crystal Ball Software

Andrew Milian 9th grade
IPOD Nano
Cherry Creek High School Greenwood Village
Computer Chord Recognition

Department of Biochemistry & Molecular Biology, Colorado State University

Ananth Sridhar 12th grade
\$100, certificate
Cherry Creek High School Greenwood Village
*Screening For Immune Deficiencies In Newborns
Using Microfluidics*

Department of Chemistry Colorado State University

Joel Lowinger 8th grade
\$100, certificate
Rocky Mountain Hebrew Denver
Gas? What's The Alternative?

Lisa Grossman 10th grade
\$100, certificate
Palmer High School Colorado Springs
*UV Aware: The Effectiveness Of Sunscreens In
Blocking UVA Light*

Department of Horticulture & Landscape Architecture, Colorado State University

K C Zinn 6th grade
\$100
St. Peter's Lutheran School Monte Vista
Erwinia On The Eye

Michaela Kaiser 11th grade
\$100
Sargent High School Monte Vista
*Verifying Greenhouse Techniques Used To Test
Potatoes For Susceptibility To Powdery Scab*

Eastman Kodak Company

Hannah Piekenbrock 6th grade
APS camera
West Jefferson Middle School Conifer
Erosion In The Denver Metro Area

Chris Twombly 11th grade
APS camera
Conifer High School Conifer
The Mystery Of The Teepee Buttes

Erudite Linguistic Services

Erin Burke 8th grade
\$50
Miller Middle School Durango
Lexicon Science

Fort Collins Conservation District

Morgan Wilson 6th grade
\$50, plaque
Sargent Junior High School Monte Vista
BIO-DIESEL: Don't Just Eat Your Vegetables

Kaitlyn Lingus 10th grade
\$50, plaque
Branson School Branson
*One "Mite"y Mission: Biological Compensation
Suppression Of Convolvulus arvensis Implementing
Host-Specific Aceria malherbae Phase II*

Human Factors and Ergonomics Society Rocky Mountain Chapter

Jennifer Manfredo 8th grade
\$100
Canon City Middle School Canon City
A Dazzling Time With Visual Acuity

Institute of Electrical and Electronics Engineering

Daniel Haarburger 8th grade
\$100
Summit Middle School Boulder
Resource Face-Off: Hydrogen vs. Solar

Chris Messick 11th grade
\$150
Sargent High School Monte Vista
Point And Click, Literally: Phase II

Intel Foundation

Intel Foundation Computer Award

Robin Betz 8th grade
certificate, laptop computer (to be mailed later)
Summit Middle School Boulder
Evolving Solutions

Chris Messick 11th grade
certificate, laptop computer (to be mailed later)
Sargent High School Monte Vista
Point And Click, Literally: Phase II

International Society for Optical Engineering

Colin Mummery 6th grade
\$50
St. Columba School Durango
Atmospheric Haze In The Four Corners

Terry Williams 8th grade
\$100
Mt. Garfield Middle School Clifton
Voices Of Light

Daniel Cromer 12th grade
\$50
Cherry Creek High School Greenwood Village
Applications Of A Myoglobin Biosensor Optimized For Cyanide Detection

Diana Qiu 11th grade
\$100
Palmer High School Colorado Springs
Liquid Crystals

Lockheed Martin

Ethan Hahn 8th grade
\$50 US savings bond; model rocket; Space
Exploration memento
The Classical Academy Colorado Springs
Ion Lifter Thrust

Tim Schneider 10th grade
\$100 US savings bond; model rocket
Durango High School Durango
Running Monoped Robots

Teacher of the Year Award

TJ Donahue
\$3,000 grant to support student research facilitated
by them and/or to fund programs in their district that
would best enhance instruction in the sciences and
engineering
Cherry Creek High School Greenwood Village

MAST Hotline

Matt Larimore 8th grade
\$50
Roncalli Middle School Pueblo
How To Calculate Modules Of Elasticity (Homestyle)

Malcolm Young 11th grade
\$50
Centaurus High School Lafayette
Coral Bleaching Adaptation

MedVet Communications

Anthony Dechant 8th grade
\$50
Woodlin School Woodrow
Ultrasonic Chicken

Evan Duggan 11th grade
\$75
Cherry Creek High School Greenwood Village
New Diagnostics For The Twelve World Families Of Solifugidae

National Geophysical Data Center

Colin Mummery 6th grade
\$100 savings bond, certificate, plaque
St. Columba School Durango
Atmospheric Haze In The Four Corners

National Renewable Energy Laboratory

Christopher Snow 12th grade
Alexander Farinell 12th grade
\$100
Hotchkiss High School Hotchkiss
Beefsiel: Fat To Fuel

Optical Society of America Rocky Mountain Section

Colin Mummery 6th grade
certificate, 1-year subscription to Discover
magazine
St. Columba School Durango
Atmospheric Haze In The Four Corners

Diana Qiu 11th grade
certificate, 1-year subscription to Discover
magazine
Palmer High School Colorado Springs
Liquid Crystals

Rio Tinto Minerals

Hannah Piekenbrock 6th grade
\$50
West Jefferson Middle School Conifer
Erosion In The Denver Metro Area

Taylor Graham 6th grade
\$100
Miller Middle School Durango
Train Smoke In Durango: An Epidemiological Study

Charisma Rascon 10th grade
\$50
Sierra Grande High School Blanca
Cosmic Potholes

Tyler Keck 12th grade
\$100
Monte Vista High School Monte Vista
Can Super Absorbent Polymers Lower The Concentration Of Metals In Real Water Environments?

Rocky Mountain Association of Geologists

Hannah Piekenbrock 6th grade
cash award
West Jefferson Middle School Conifer
Erosion In The Denver Metro Area

Alexandra Proietti 7th grade
cash award
Holy Family Catholic School Grand Junction
We're Hot, Hot, Hot In The Piceance Basin

Charisma Rascon 10th grade
cash award
Sierra Grande High School Blanca
Cosmic Potholes

Chris Twombly 11th grade
cash award
Conifer High School Conifer
The Mystery Of The Teepee Buttes

Rocky Mountain Goat Foundation

James Mauch 8th grade
\$150
East Middle School Grand Junction
Moose On The Mesa

Lindsey Rugh 9th grade
\$150
Hotchkiss High School Hotchkiss
Fire On The Mountain

Rocky Mountain Inventors Association

Rahul Shankar 6th grade
two-year family membership
Mountain Ridge Middle School Colorado Springs
To Switch Or Not To Switch

Matthew Zubiel 10th grade
\$25, two-year family membership
Lewis-Palmer High School Monument
Indoor Firefighter Location

Cody Caver 10th grade
\$50, two-year family membership
Woodlin School Woodrow
Hidden Contamination: An Investigation Of Elevated Sulfate Levels

Rocky Mountain Water Environment Association

Kayla Sandoval 7th grade
\$50 check
North Middle School Colorado Springs
Hair Cleaning Oil

Amanda Wilcox 7th grade
\$100 check
Merino Jr/Sr High School Merino
Cactus Goo To The Rescue! Does Mucilage Clean Contaminated Water?

Sabrina Kennedy 12th grade
\$50 check
Centaurus High School Lafayette
The Analyzation Of Coal Creek Dissolved Organic Carbon And UV Absorbances

Tyler Keck 12th grade
\$100 check
Monte Vista High School Monte Vista
Can Super Absorbent Polymers Lower The Concentration Of Metals In Real Water Environments?

Society for Mining, Metallurgy and Exploration, Colorado Section

Hannah Piekenbrock 6th grade
\$50, plaque
West Jefferson Middle School Conifer
Erosion In The Denver Metro Area

Thomas Roland 8th grade
\$100, plaque
Blevins Junior High School Fort Collins
The Effects Of Particle Size On Settling Rate

Tyler Keck 12th grade
\$50, plaque
Monte Vista High School Monte Vista
Can Super Absorbent Polymers Lower The Concentration Of Metals In Real Water Environments?

Daniel Cromer 12th grade
\$100, plaque
Cherry Creek High School Greenwood Village
*Applications Of A Myoglobin Biosensor Optimized
For Cyanide Detection*

**Society of Manufacturing Engineers
Northern Colorado, Chapter 354**

Dane Cotten 11th grade
Kyla Arndt 11th grade
Tabitha Teansky 11th grade
\$20, certificates, recognition by chapter 354
Hotchkiss High School Hotchkiss
The LPR Offsetter

**Society of Women Engineers
Rocky Mountain Section**

Rachel Washam 7th grade
\$50, certificate
St. John the Evangelist Middle Loveland
Will It Keep Going And Going?
Madeline Camp-Drees 7th grade
\$75, certificate
La Veta Jr/Sr High School La Veta
Snap On Safety Neck Protection
Caitlin Mahanna 9th grade
\$50, certificate
Hayden High School Hayden
Speed It Up
Diana Qiu 11th grade
\$75, certificate
Palmer High School Colorado Springs
Liquid Crystals

**Soil and Water Conservation Society
Colorado Chapter**

Amanda Wilcox 7th grade
\$25, certificate, ribbon
Merino Jr/Sr High School Merino
*Cactus Goo To The Rescue! Does Mucilage Clean
Contaminated Water?*
Allie Martin 7th grade
\$50, certificate, ribbon
Woodlin School Woodrow
When The Well Runs Dry
Cody Caver 10th grade
\$25, certificate, ribbon
Woodlin School Woodrow
*Hidden Contamination: An Investigation Of
Elevated Sulfate Levels*

Tyler Keck 12th grade
\$50, certificate, ribbon
Monte Vista High School Monte Vista
*Can Super Absorbent Polymers Lower The
Concentration Of Metals In Real Water
Environments?*

United States Department of Commerce

David Strouse 12th grade
opportunity for summer employment with
Department of Commerce with possibility for future
continuing employment
Cherry Creek High School Greenwood Village
*Modern Safety Applications Of Micro-Electronic-
Mechanical Systems (MEMS)*

Lesley Petrie 12th grade
alternate for opportunity for summer employment
with Department of Commerce with possibility for
future continuing employment
Nederland Jr/Sr High School Nederland
*A Socioclimatological Analysis Of The
Repercussions Of Hurricane Katrina*

United States Geological Survey

Thomas Roland 8th grade
reference book and mineral specimen
Blevins Junior High School Fort Collins
The Effects Of Particle Size On Settling Rate
Cody Caver 10th grade
reference book and mineral specimen
Woodlin School Woodrow
*Hidden Contamination: An Investigation Of
Elevated Sulfate Levels*

**University of Colorado Health Sciences
Center Medical Scientist Training Program**

Elizabeth O'Donnell 12th grade
\$50
Monarch High School Louisville
*Anisomycin Influence On Cell Death In
Hippocampus*
Ashley Pollock 11th grade
\$50
Wiggins Jr/Sr High School Wiggins
*Evaluation Of Primary And Secondary Cells For In
Vitro Assessment Of The Foreign Body Response*

Zonta Club of Boulder County

Madeline Camp-Drees 7th grade
\$100
La Veta Jr/Sr High School La Veta
Snap On Safety Neck Protection

Scholarships

Adams State College

Melanie Twiss 12th grade
 one-year resident tuition and fees
 Canon City High School Canon City
Later-WHO-WHAT-HOW MANY-ality

Nataara Tamada 9th grade
 one-year resident tuition and fees
 Sierra Grande High School Blanca
*Green, Greener, Greenest: Comparing Greening
 Within A Potato Variety*

Lena Martin 11th grade
 one-year resident tuition and fees
 Limon High School Limon
Electrochemical Cells vs Battery

Chris Twombly 11th grade
 one-year resident tuition and fees
 Conifer High School Conifer
The Mystery Of The Teepee Buttes

Eric Keeling 11th grade
 one-year resident tuition and fees
 La Veta Jr/Sr High School La Veta
*Underwater Structures As A Means Of Mitigating
 Wave Inundation*

Tyler Keck 12th grade
 one-year resident tuition and fees
 Monte Vista High School Monte Vista
*Can Super Absorbent Polymers Lower The
 Concentration Of Metals In Real Water
 Environments?*

Chelsea Oden 10th grade
 one-year resident tuition and fees
 Monte Vista High School Monte Vista
*Pursuing Patterns In Primes, Face III: An
 Investigation Of Prime Properties In A Three-
 Dimensional Sieve Of Crotosthenes*

Richelle Fritzler 10th grade
 one-year resident tuition and fees
 Merino Jr/Sr High School Merino
*Sick From Non-Stick? A Study Done With
 Polytetrafluoroethylene And Caenorhabditis
 elegans*

Leslie Hase 11th grade
 one-year resident tuition and fees
 Merino Jr/Sr High School Merino
*An Unlikely Weapon Against Bacteria:
 Bacteriophage Therapy As An Alternative To
 Traditional Treatment*

Cesar Garcia 11th grade
 one-year resident tuition and fees
 Walsh Jr/Sr High School Walsh
Insulation: Do You Dress Right?

Jessica Haugen 9th grade
 one-year resident tuition and fees
 Sargent High School Monte Vista
*Grass vs Grain: A Study In The Connection
 Between IMF And Omega-3 In Beef*

Bailey Jones 11th grade
 Patrick Martin 11th grade
 one-year resident tuition and fees
 Canon City High School Canon City
What Is The Radiation Like In Canon City?

Colorado School of Mines

Chris Twombly 11th grade
 four-year half resident tuition scholarship to
 Colorado School of Mines
 Conifer High School Conifer
The Mystery Of The Teepee Buttes

Chris Messick 11th grade
 four-year half resident tuition scholarship to
 Colorado School of Mines
 Sargent High School Monte Vista
Point And Click, Literally: Phase II

Diana Qiu 11th grade
 four-year half resident tuition scholarship to
 Colorado School of Mines
 Palmer High School Colorado Springs
Liquid Crystals

Daniel Craveiro de Sa 11th grade
 four-year half resident tuition scholarship to
 Colorado School of Mines
 Cherry Creek High School Greenwood Village
*The Effects Of Ultraviolet-B Radiation On The
 Nitrogen Cycle In A Marine Habitat*

Colorado State University – Pueblo

David Strouse 12th grade
 \$1,000 resident tuition and fees scholarship to
 Colorado State University – Pueblo
 Cherry Creek High School Greenwood Village
*Modern Safety Applications Of Micro-Electronic-
 Mechanical Systems (MEMS)*

Amit Helevi 12th grade
 \$1,000 resident tuition and fees scholarship to
 Colorado State University – Pueblo
 Fairview High School Boulder
*Neurite Extension In PC12 Cells Plated To
 Collagen-Doped PEG Hydrogel*

Tyler Keck 12th grade
\$1,000 resident tuition and fees scholarship to
Colorado State University – Pueblo
Monte Vista High School Monte Vista
*Can Super Absorbent Polymers Lower The
Concentration Of Metals In Real Water
Environments?*

Intel Foundation

Ryan Patterson Scholarship

Robin Blenden 12th grade
certificate, \$2,000 scholarship to be used at a
college
of student's choice
Monte Vista High School Monte Vista
*The Effects Of Anti-Gel Additives On Biodiesel And
Petroleum Diesel Blends*

University of Colorado at Boulder

College of Engineering & Applied Sciences Scholarship

Skylar Anderson 9th grade
\$1,500/year scholarship for four years
Palmer High School Colorado Springs
*What Is Your Music Trying to Tell You?: Using
Fractals To Compose And Encrypt Music*

Chris Messick 11th grade
\$1,500/year scholarship for four years
Sargent High School Monte Vista
Point And Click, Literally: Phase II

Forrest Friesen 11th grade
\$2,500/year scholarship for four years
Palmer High School Colorado Springs
*Design And Construction Of A Dynamic Artificial
Neural Network*

Chelsea Oden 10th grade
\$4,000/year scholarship for four years
Monte Vista High School Monte Vista
*Pursuing Patterns In Primes, Face III: An
Investigation Of Prime Properties In A Three-
Dimensional Sieve Of Crosthenes*

Science Service

American Psychology Association

Dani Gonzales 10th grade
certificate
Grand Valley High School Parachute
No Guts Know Glory

ASM Materials Education Foundation

Chris Messick 11th grade
Certificate, medallion (to be mailed later)
Sargent High School Monte Vista
Point And Click, Literally: Phase II

Discovery Channel, Inc.

Discovery Young Scientist Challenge

Katy Schneider 6th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Miller Middle School Durango
The Mind's Eye

Alan Seltzer 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Summit Middle School Boulder
A Dose Of Detergent And Duckweed

Jordan Lestina 7th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Dove Creek Middle School Dove Creek
L-Ascorbic Acid - Analyzing Food By Titration

Hannah Piekenbrock 6th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
West Jefferson Middle School Conifer
Erosion In The Denver Metro Area

J. Raleigh Burt 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Sargent Junior High School Monte Vista
*Deflation Evaluation: Investigating Passive Air Loss
From Butyl Bicycle Tubes*

Emily Schnoor 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Sargent Junior High School Monte Vista
De"gas"enator

Robin Betz 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Summit Middle School Boulder
Evolving Solutions

Jennifer Manfredo 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Canon City Middle School Canon City
A Dazzling Time With Visual Acuity

Marlena Widman 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
The Classical Academy Colorado Springs
Grapes In Your Gas Tank

Ethan Hahn 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
The Classical Academy Colorado Springs
Ion Lifter Thrust

Alex Hetrick 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Walsh Jr/Sr High School Walsh
This Little Piggy ... Didn't Quite Make It!

Caitlin Reeves 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Cortez Middle School Cortez
Contagious Laughing

K C Zinn 6th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
St. Peter's Lutheran School Monte Vista
Erwinia On The Eye

Emmie Mediate 7th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
The Classical Academy Colorado Springs
Color And Chlorine

Jonathan Witte 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Littleton Academy Littleton
Impact To Sudden Death

Christopher Krause 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
The Classical Academy Colorado Springs
Caution: Leaky Levees!

Isaiah Branch-Boyle 7th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
St. Columba School Durango
*Solar Integration - The Key To Passive Solar
Efficiency*

Rahul Shankar 6th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Mountain Ridge Middle School Colorado Springs
To Switch Or Not To Switch

Hannah Price 7th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Sargent Junior High School Monte Vista
Stuck On You

Zane Sternberg 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
La Veta Jr/Sr High School La Veta
*Does Phellinus Rimosus Contain Antibacterial
Agents?*

Allison Bernett 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Peak to Peak Charter School Lafayette
*Discovering How To Determine The Height From
Which A Ball Was Dropped*

Trevar Hobbs 8th grade
certificate, lapel pin, nomination to enter the
DCYSC national competition
Ward Middle School Ordway
*The tel1 Mutation And Its Effects On The
Drosophila Melanogaster*

Herbert Hoover Presidential Library Association

Herbert Hoover Young Engineer Award
Chris Messick 11th grade
certificate, medallion
Sargent High School Monte Vista
Point And Click, Literally: Phase II

Intel Corporation

Intel Excellence in Computer Science Award
Chelsea Oden 10th grade
certificate, \$200 (to be mailed later)
Monte Vista High School Monte Vista
*Pursuing Patterns In Primes, Face III: An
Investigation Of Prime Properties In A Three-
Dimensional Sieve Of Crotosthenes*

International Society for Optical Engineering

Reno Tsosie 7th grade
certificate, entry into a drawing for cash award
Cortez Middle School Cortez
Color And Memory

Mu Alpha Theta

Robert Glissmann 12th grade
Gwyneth Glissmann 9th grade
certificate
Peak to Peak Charter School Lafayette
*Using Eulerian Models To Determine Initial
Conditions Of Severe Weather*

National Society of Professional Engineers

Matthew Zubiell 10th grade
certificate, lapel pin, supporting materials, one-year
subscription to Engineering Times
Lewis-Palmer High School Monument
Indoor Firefighter Location

Ricoh Corporation

Ricoh Sustainability Development Award

Jonathan Bentley 7th grade
certificate, one-year subscription to Science News
Stanley British Primary School Denver
CO2 Emissions: What Grade Does Your Gas Get?

Scientific American

Chris Messick 11th grade
certificate, one-year subscription to Scientific
American
Sargent High School Monte Vista
Point And Click, Literally: Phase II

Malcolm Young 11th grade
certificate, one-year subscription to Scientific
American
Centaurus High School Lafayette
Coral Bleaching Adaptation

Lindsey Rugh 9th grade
certificate, one-year subscription to Scientific
American
Hotchkiss High School Hotchkiss
Fire On The Mountain

Max Krakauer 10th grade
Alex Ruch 10th grade
certificate, one-year subscription to Scientific
American
Palmer High School Colorado Springs
*Lighting A Fire: A Study Of The Fuels Involved In
The Hayman Fire*

United States Department of Commerce

Kelsey Fowler 9th grade
certificate, copy of United States Group on Earth
Observations brochure
Palmer High School Colorado Springs
Shipwreck Solutions: The Recovery Of An Oil Spill

United States Metric Association

John RF Kelly 9th grade
certificate
Loveland High School Loveland
*How Does The Amount Of Powder In A Bullet
Affect The Average Velocity?*

United States Public Health Service

Katie Winter 7th grade
certificate
Merino Jr/Sr High School Merino
*Xanthones For Your Health: The Effects Of
Xanthones On Fermentation*

Water Environment Federation

Stockholm Junior Water Prize

Tyler Keck 12th grade
certificate, nomination to enter the Stockholm
Junior
Water Prize national competition
Monte Vista High School Monte Vista
*Can Super Absorbent Polymers Lower The
Concentration Of Metals In Real Water
Environments?*

Yale Science and Engineering Association

Meredith MacGregor 11th grade
certificate, pewter medallion (to be mailed later)
Fairview High School Boulder
Cracking The Brazil Nut Effect