

Grand Awards

Senior High Grand Award

- Friesen, Forrest[11] [SD12], Palmer HS/Sandy Smith: “Design and construction of a dynamic, artificial neural network”

Senior High Grand Award Runner Up

- Zubiel, Matthew[10] [SD17], Lewis Palmer HS/Tyler Dall: “Indoor firefighter location”

Junior High Grand Award

- Shankar, Aarthi[8] [8A5], Mountain Ridge MS/Regina Miller: “Dirth Laundry Secrets”

Junior High Grand Award Runner Up

- Shankar, Rahul[6] [6C27], Mountain Ridge MS/Jennifer Douglass: “To switch or not to switch”

Senior Division People’s Choice

- Zupan, Katie[10] [SD18], Classical Academy - North/Linda Cummings: “ Hovering Heights”

Junior Division People’s Choice

- Singh, Naureen[6] [6C25], Mountain Ridge MS/Jennifer Douglass: “Electromagnets”

Senior Awards

Senior High Biology

First Place – Senior High Biology

- Lockwood, Zach[9] [SA29], Palmer HS/Angie Dunn: “Mountain grown”

Second Place – Senior High Biology

- Kovshar, Yelena[9] [SA15], Palmer HS/Martha Alvarez: “The best and safest way to purify water in an emergency”
- Ruano, Saraiya[10] [SA21], Coronado HS/Lynne Williams: “Lost...forever? The effect of urban development on birds”

Third Place – Senior High Biology

- Ly, Tiffany[9] [SA6], Palmer HS/Angie Dunn: “Squeeze me”
- Ferguson, Amy[9] [SA27], Coronado HS/Lynne Williams: “Femur Ratios of Pretor and Prey”

Fourth Place – Senior High Biology

- Nosal, Breanna[10] [SA2], Classical Academy - North/Linda Cummings: “Mice and music”
- Doersch, Allison[9] [SA16], Palmer HS/Martha Alvarez: “Fresh as a rose”

Fifth Place – Senior High Biology

- Hall, McKenna[10] [SA3], Palmer HS/Karen Crosson: “Mold within William J. Palmer High School”
- Michael, Sara[9] [SA18], Classical Academy - North/Candus Muir: “The Midas touch”
- Grovenstein, Marlena[9] [SA25], Palmer HS/Angie Dunn: “The energy that we throw out”

Senior High Health/Behavioral Science

First Place – Senior High Health/Behavioral Science

- Wynn, Rachel[10] [SB15], Coronado HS/Darin Smith: “Does Music + Math = More Success?”

Second Place – Senior High Health/Behavioral Science

- Fisk, Andrew[12] [SB17], Home School/Keli Stoddard: “Heroes: They Ain’t What They Used to Be”

Third Place – Senior High Health/Behavioral Science

- Northam, Luke[10] [SB9], Classical Academy - North/Linda Cummings: “Music and productivity”
- Jennings, Jaimie[9] [SB11], Palmer HS/Carol Bach: “Head back to the hills!”

Fourth Place – Senior High Health/Behavioral Science

- Yassa, Amgad[9] [SB1], Palmer HS/Carol Bach: “Do you know what you’re drinking?”
- St. Louis, Tabea[9] [SB21], Classical Academy - North/Blake Galvin: “The fat of your dinner”

Fifth Place – Senior High Health/Behavioral Science

- Konecny, Sarah[10] [SB14], Coronado HS/Kendra Schleiker: “Making sense of your anxiety”
- Felix-Camacho, Argelia[10] [SB16], Coronado HS/Lynne Williams: “What Effects Pitch”

Senior High Physical Science

First Place – Senior High Physical Science

- Qiu, Diana[11] [SC2], Palmer HS/Sandy Smith: “Liquid Crystals”

Second Place – Senior High Physical Science

- Grossman, Lisa[10] [SC27], Palmer HS/Nancy Hampson: “UVAware: The effectiveness of sunscreen in blocking UVA light”
- Lenker, Michael[10] [SC38], Palmer HS/Nancy Hampson: “Gas in motion”

Third Place – Senior High Physical Science

- Fowler, Kelsey[9] [SC8], Palmer HS/Carol Bach: “Shipwreck solutions: The recovery of an oil spill”
- Frenchmore, Briana[9] [SC23], Palmer HS/Martha Alvarez: “Caught on film: The reflection of the eye”
- Theobald, Sarah[10] [SC31], Palmer HS/Nancy Hampson: “Canned heat”

Fourth Place – Senior High Physical Science

- Weber, Samantha[9] [SC16], Palmer HS/Martha Alvarez: “Solar distillation of sea water”
- Brewer, Bethany[9] [SC21], Palmer HS/Martha Alvarez: “The effectiveness of different mordants on different types of cloth”
- Wood, Michelle[10] [SC29], Coronado HS/Lynne Williams: “Cracking fingerprints”

Fifth Place – Senior High Physical Science

- Altmeyer, Shannon[10] [SC4], Classical Academy - North/Linda Cummings: “Saving daylight times”
- Urban, Robert[9] [SC7], Palmer HS/Karen Crosson: “Burning the densities”
- St. Louis, Hannah[10] [SC25], Classical Academy - North/Linda Cummings: “Can you see the “C””

Senior High Engineering/Mathematics/C.S.

First Place – Senior High Engineering/Mathematics/C.S.

- Friesen, Forrest[11] [SD12], Palmer HS/Sandy Smith: “Design and construction of a dynamic, artificial neural network”

Second Place – Senior High Engineering/Mathematics/C.S.

- Zubiel, Matthew[10] [SD17], Lewis Palmer HS/Tyler Dall: “Indoor refrigerator location”

Third Place – Senior High Engineering/Mathematics/C.S.

- Meluso, John[9] [SD14], Palmer HS/Martha Alvarez: “The demise of the file system”

Fourth Place – Senior High Engineering/Mathematics/C.S.

- Anderson, Skylar[9] [SD13], Palmer HS/Carol Bach: “What is your music trying to tell you?”

Fifth Place – Senior High Engineering/Mathematics/C.S.

- Flynn, Andrew[10] [SD6], Palmer HS/Nancy Hampson: “An Eye-Opening Experiment”
- Beard, Danny[10] [SD8], Palmer HS/Nancy Hampson: “Bending the future”

Senior High Group Projects

First Place – Senior High Group Projects

- Krakauer, Max[10] & Ruch, Alex[10] [SF1], Palmer HS/Nancy Hampson: “Lighting a fire: A study of the fuels involved in the Hayman Fire”

Second Place – Senior High Group Projects

- Siegel, Rebecca[9] & Dostal, Zoe[9] [SF13], Palmer HS/Martha Alvarez: “Much Ado About Methane: The affects of Pesticides on Methane Production”
- Zeng, Kylene[9] & Gopal, Chandni[9] [SF30], Palmer HS/Martha Alvarez: “Paper chromatography”

Third Place – Senior High Group Projects

- Hollmann, Rebecca[9] & Gilbert, Daniel[9] [SF18], Palmer HS/Martha Alvarez: “Batteries: The specific design”
- Goldberg, Jackie[10] & Harline, Jordan[10] [SF34], Coronado HS/Lynne Williams: “Violence in Video Games”
- Schroeder, Lacey[10] & Erpelding, Serena[10] [SF36], Coronado HS/Lynne Williams: “Veggie power”

Fourth Place – Senior High Group Projects

- Graner, Dan[10] & Langr, Tim[10] [SF3], Palmer HS/Nancy Hampson: “Solar water heating”
- Kostadinova, Gergana[9] & Miller, Wynter[9] [SF12], Palmer HS/Carol Bach: “What do you Remember?”
- Haefner, Ramsey[9] & Heck, Daniel[9] [SF14], Palmer HS/Martha Alvarez: “The trebuchet: Distance and propulsion”
- Davis, Annika[9] & Webster, Madeleine[9] [SF21], Palmer HS/Carol Bach: “The Ratkins Diet: Effects of a low-carb lifestyle”

Fifth Place – Senior High Group Projects

- Steed, Lacy[10] & Stephenson, Jordana[10] & Soppe, Morgan[10] [SF2], Coronado HS/Lynne Williams: “Spherical Variety in Varsity Sports”
- Long, Cody[9] & Alvarez, Daniel[9] [SF7], Palmer HS/Karen Crosson: “Catapults”
- McNamara, Molly[9] & O’Connor, Claire[9] [SF19], Palmer HS/Angie Dunn: “Sleek and shine?”
- Zook, Jamie[9] & Ford, Christina[9] [SF28], Palmer HS/Martha Alvarez: “ALU DNA sequence”

Junior Awards -- Eighth Grade

8th Grade Biology

First Place – 8th Grade Biology

- Shankar, Aarthi[8] [8A5], Mountain Ridge MS/Regina Miller: “Dirth Laundry Secrets”

Second Place – 8th Grade Biology

- Widman, Marlena[8] [8A10], Classical Academy - North/Gary Brohmer: “Grapes in your gas tank”

Third Place – 8th Grade Biology

- Thomsen, Sarah[8] [8A15], Classical Academy - North/Robert Thomason: “Growing beans better”

Fourth Place – 8th Grade Biology

- Janikowski, Philip[8] [8A3], North MS/Greg Busby: “Bacteria in restaurants”

Fifth Place – 8th Grade Biology

- Johnson, Greg[8] [8A1], Mountain Ridge MS/Regina Miller: “How Should You Clean a Sponge”

8th Grade Health & Behavioral Science

First Place – 8th Grade Health & Behavioral Science

- Edwards, Andrew[8] [8B7], Evangelical Christian/Karen Leidecker: “Who’s more politically aware?”

Second Place – 8th Grade Health & Behavioral Science

- Drohan, Laura[8] [8B2], Mountain Ridge MS/Regina Miller: “Metallica or Mozart?”

Third Place – 8th Grade Health & Behavioral Science

- Allen, April[8] [8B9], Sabin MS/Rose Di Censo: “Taste buds”

Fourth Place – 8th Grade Health & Behavioral Science

- Francis, Mackenzie[8] [8B5], Mountain Ridge MS/Regina Miller: “Do you see what I see”

8th Grade Physical Sciences

First Place – 8th Grade Physical Science

- Bentele, Christof[8] [8C31], Challenger MS/Scott Grumann: “Amphiphilic toothpaste”

Second Place – 8th Grade Physical Science

- Hahn, Ethan[8] [8C16], Classical Academy - North/Robert Thomason: “Ionic spacecraft propulsion”

Third Place – 8th Grade Physical Science

- Young, Emma[8] [8C1], Mountain Ridge MS/Regina Miller: “Magnetohydrodynamics”
- Tostanoski, Teddi[8] [8C11], North MS/Rachel Dane: “Radiation in Colorado”

Fourth Place – 8th Grade Physical Science

- Altmeyer, Kaileigh[8] [8C2], Classical Academy - North/Gary Brohmer: “Illumination illustration”
- Fager, Cody[8] [8C22], Sabin MS/Rose Di Censo: “Burn baby burn”
- Bazemore, Daniel[8] [8C27], Sabin MS/Rose Di Censo: “Here comes the sun”

Fifth Place – 8th Grade Physical Science

- Blackburn, Cheyanna[8] [8C24], Sabin MS/Rose Di Censo: “Magnifi cent”
- Tohn, Adam[8] [8C30], Challenger MS/Scott Grumann: “The unsuccessful Magnetron”
- Kwon, John[8] [8C33], Challenger MS/Tara Hanson: “Why are objects distorted?”

8th Grade Engineering/Mathematics/C.S.

First Place – 8th Grade Engineering/Mathematics/C.S.

- Krause, Christopher[8] [8D2], Classical Academy - North/Robert Thomason: “Caution: Leaky levees!”

Second Place – 8th Grade Engineering/Mathematics/C.S.

- Hanenburg, Kaitlin[8] [8D3], Classical Academy - North/Robert Thomason: “Sound insulation properties of different materials”

Junior Awards -- Seventh Grade

7th Grade Biology

First Place – 7th Grade Biology

- Sandoval, Kayla[7] [7A9], North MS/Rachel Dane: “Hair cleaning oil”

Second Place – 7th Grade Biology

- Graf, Jeremy[7] [7A14], Classical Academy - North/Annette Calabretta: “Does the liquid you feed a seed affect how quickly it will germinate?”

Third Place – 7th Grade Biology

- Costantino, Sarah[7] [7A16], Classical Academy - North/Annette Calabretta: “Caffeine”

Fourth Place – 7th Grade Biology

- Moore, Calli[7] [7A4], North MS/Rachel Dane: “Will *e.coli* become resistant to anti-bacterial drugs?”

Fifth Place – 7th Grade Biology

- Gudvangen, Laura[7] [7A2], North MS/Rachel Dane: “Would you like paper or plastic?”
- Grossman, Ray[7] [7A5], North MS/Rachel Dane: “The effects of secondhand smoke on fruit flies”

7th Grade Health & Behavioral Science

First Place – 7th Grade Health & Behavioral Science

- Boucher, Bess[7] [7B4], North MS/Rachel Dane: “Down deep into your teeth”

Second Place – 7th Grade Health & Behavioral Science

- Carpenter, Allyson[7] [7B8], Classical Academy - North/Candus Muir: “Hidden words”

Third Place – 7th Grade Health & Behavioral Science

- Roche, Matt[7] [7B9], Classical Academy - North/Candus Muir: “Are you a lunatic?”

Fourth Place – 7th Grade Health & Behavioral Science

- Marten, Tyler[7] [7B7], North MS/Rachel Dane: “Candy chromatography”

7th Grade Physical Science

First Place – 7th Grade Physical Science

- Mediate, Emmie[7] [7C9], Classical Academy - North/Candus Muir: “Color and chlorine”

Second Place – 7th Grade Physical Science

- Carrese, Hannah[7] [7C4], North MS/Rachel Dane: “What’s Hot; What’s Not: Reflections on Three Solar Thermal Principles”
- Smith, Zoe[7] [7C10], Classical Academy - North/Annette Calabretta: “Can you feel the power?”

Third Place – 7th Grade Physical Science

- Meluso, Anthony[7] [7C3], North MS/Rachel Dane: “Fast as an arrow: Archery physics”
- Avischious, Matthew[7] [7C18], Classical Academy - North/Candus Muir: “Winning at the free throw line”
- Chapman, Holly[7] [7C27], Classical Academy - North/Annette Calabretta: “Batteries not included”

Fourth Place – 7th Grade Physical Science

- Helfer, Zacc[7] [7C5], North MS/Rachel Dane: “Fore”
- Held, Amber[7] [7C17], Classical Academy - North/Candus Muir: “Does a soccer ball’s air pressure affect the distance it will travel?”
- Theobald, Andrew[7] [7C37], North MS/Rachel Dane: “Street sounds”

Fifth Place – 7th Grade Physical Science

- Louie, Dana[7] [7C6], North MS/Rachel Dane: “Electric liquids”
- Yourkowski, Mariah[7] [7C16], Classical Academy - North/Candus Muir: “Lights! Camera! Fog!”
- Michael, Amy[7] [7C20], Classical Academy - North/Candus Muir: “Singing in the rain”

Junior Awards -- Sixth Grade

6th Grade Biology

First Place – 6th Grade Biology

- Ciborowski, Delaney[6] [6A16], West MS/Eric Hamilton: “The effect of light on water fleas”

Second Place – 6th Grade Biology

- Smith, Lindsey[6] [6A8], Timberview MS/Amy Murrell: “Bacteria Days!!”

Third Place – 6th Grade Biology

- Ayers, Laurel[6] [6A10], Timberview MS/Amy Murrell: “Which yeast brand is the best?”

Fourth Place – 6th Grade Biology

- Jasperse-Sjolander, Liam[6] [6A4], North MS/Greg Busby: “Rockin’ Growin’ BAMBOO”

Fifth Place – 6th Grade Biology

- Meyer, Chris[6] [6A6], North MS/Greg Busby: “Oil spills”
- Comfort, Scott[6] [6A11], Timberview MS/Amy Murrell: “Plant hydration”

6th Grade Health & Behavioral Science

First Place – 6th Grade Health & Behavioral Science

- Wilkinson, Christina[6] [6B5], Discovery Canyon Elem./Christa Lundberg: “Rockin’ rats”

Second Place – 6th Grade Health & Behavioral Science

- Fedczuk, Katrina[6] [6B7], Mountain Ridge MS/Jennifer Douglass: “Hooray for hair”

6th Grade Physical Science

First Place – 6th Grade Physical Science

- Shankar, Rahul[6] [6C27], Mountain Ridge MS/Jennifer Douglass: “To switch or not to switch”

Second Place – 6th Grade Physical Science

- Helfer, Abbi[6] [6C4], North MS/Greg Busby: “Altitude adjusted”
- Muir II, Lorne[6] [6C6], Classical Academy - North/Candus Muir: “It’s all about the angle”

Third Place – 6th Grade Physical Science

- Frankmore, Mikayla[6] [6C9], Timberview MS/Amy Murrell: “Which acid dissolves an eggshell the most”
- Sullivan, Meagan[6] [6C15], Mountain Ridge MS/Jennifer Douglass: “Grace under pressure”

Fourth Place – 6th Grade Physical Science

- Duffy-Webb, Mickella[6] [6C2], North MS/Greg Busby: “Plant and vegetable dyes”
- Robley, David[6] [6C22], Woodmen Hills Elem./Kathleen Brannan: “Solar science”

Fifth Place – 6th Grade Physical Science

- Rios, Justin[6] [6C21], Woodmen Hills Elem./Kathleen Brannan: “Sinking shapes”
- Singh, Naureen[6] [6C25], Mountain Ridge MS/Jennifer Douglass: “Electromagnets”

Junior Awards -- Junior High Group

First Place – Junior High Group Projects

- Summers, Amanda[8] & Thelen, Trent[8] [JF1], Classical Academy - North/Gary Brohmer: “What designs of houses best withstand category five hurricanes?”

Second Place – Junior High Group Projects

- Barentine, Andrew[7] & Langhorst, Ryan[7] [JF5], West MS/Phillip Hutcherson: “iPoo”

Third Place – Junior High Group Projects

- Pelican, Hanna[7] & Zook, Forre[7] [JF9], North MS/Rachel Dane: “Is PV92 protecting you?”

Special Awards

AFCEA Junior 1st

- Shankar, Rahul[6] [6C27], Mountain Ridge MS/Jennifer Douglass: “To switch or not to switch”

AFCEA Junior 2nd

- Hahn, Ethan[8] [8C16], Classical Academy - North/Robert Thomason: “Ionic spacecraft propulsion”

AFCEA Junior 3rd

- Muir II, Lorne[6] [6C6], Classical Academy - North/Candus Muir: “It’s all about the angle”

AFCEA Senior 1st

- Friesen, Forrest[11] [SD12], Palmer HS/Sandy Smith: “Design and construction of a dynamic, artificial neural network”

AFCEA Senior 2nd

- Qiu, Diana[11] [SC2], Palmer HS/Sandy Smith: “Liquid Crystals”

AFCEA Senior 3rd

- Anderson, Skylar[9] [SD13], Palmer HS/Carol Bach: “What is your music trying to tell you?”

AFCEA Senior Teacher

- Smith, Sandy[] [SF44], /: “”

AFCEA Junior Teacher

- Grumman, Scott[] [SF45], /: “”

American Meteorological Society

- McCready, Loren[10] [SC28], Palmer HS/Nancy Hampson: “Global warming: A global warning”
- Bradley, Catherine[10] [SC30], Coronado HS/Lynne Williams: “Catch the wave”

American Psychological Association

- Dukellis, Katie[10] [SB12], Coronado HS/Lynne Williams: “Supersize kids”

American Society for Materials, International

- Qiu, Diana[11] [SC2], Palmer HS/Sandy Smith: “Liquid Crystals”

Association for Women Geoscientists

- Tostanoski, Teddi[8] [8C11], North MS/Rachel Dane: “Radiation in Colorado”

Citizen’s Project

- Shankar, Rahul[6] [6C27], Mountain Ridge MS/Jennifer Douglass: “To switch or not to switch”
- Michael, Amy[7] [7C20], Classical Academy - North/Candus Muir: “Singing in the rain”

Colorado Associates in Medical Physics

- Hahn, Ethan[8] [8C16], Classical Academy - North/Robert Thomason: “Ionic spacecraft propulsion”

Colorado Geological Survey

- Tostanoski, Teddi[8] [8C11], North MS/Rachel Dane: “Radiation in Colorado”
- Tatum, Chris[11] [SD10], Peyton HS/Tim Van Sickler: “Cave in!”

Colorado Springs Mineralogical Society

- Connelly, Liz[7] [7C29], Classical Academy - North/Candus Muir: “More or less salt for perfect crystals”
- Tostanoski, Teddi[8] [8C11], North MS/Rachel Dane: “Radiation in Colorado”
- Tatum, Chris[11] [SD10], Peyton HS/Tim Van Sickler: “Cave in!”

Comfort Zone Sr. High

- Reuter, Elise[7] [7C13], Classical Academy - North/Candus Muir: “Sunny savings – The efficiency of inexpensive solar collectors”

Comfort Zone Jr. High

- Schroeder, Lacey[10] & Erpelding, Serena[10] [SF36], Coronado HS/Lynne Williams: “Veggie power”

Discovery Sciences

- Calvert, Tessa[6] [6B3], Timberview MS/Amy Murrell: “Hiding heart rate with caffeine”
- Helfer, Abbi[6] [6C4], North MS/Greg Busby: “Altitude adjusted”
- Shankar, Rahul[6] [6C27], Mountain Ridge MS/Jennifer Douglass: “To switch or not to switch”
- Rogers, Sue[7] [7A3], North MS/Rachel Dane: “Myxococcus xanthus vs. melanoma”
- Pavlenko, Tonya[7] [7A6], North MS/Rachel Dane: “Cancers, tumors and cures”
- Damm-Hamblin, Haley[7] [7A18], North MS/Rachel Dane: “To drink or not to drink”
- Roche, Matt[7] [7B9], Classical Academy - North/Candus Muir: “Are you a lunatic?”
- Alvarado, Santino[7] [7B14], Carmel MS/Darian Founds: “Does eye color effect eyesight?”
- Carrese, Hannah[7] [7C4], North MS/Rachel Dane: “What’s Hot; What’s Not: Reflections on Three Solar Thermal Principles”
- Pepperl, Luke[7] [7C7], Classical Academy - North/Candus Muir: “The effect of the dihedral angle on glide distance”
- Theobald, Andrew[7] [7C37], North MS/Rachel Dane: “Street sounds”
- Harris, Adrianna[8] [8A4], Panorama MS/Kasey Burkholder: “Plant and different lighting fixtures”
- Gilbreth, John[8] [8A12], Hanover MS/Jenni Esser: “Will colored lights affect the plant’s growth”
- Baur, Ciera[8] [8B12], Challenger MS/Scott Grumann: “Teen addiction”
- Young, Emma[8] [8C1], Mountain Ridge MS/Regina Miller: “Magnetohydrodynamics”
- Hahn, Ethan[8] [8C16], Classical Academy - North/Robert Thomason: “Ionic spacecraft propulsion”
- Krause, Christopher[8] [8D2], Classical Academy - North/Robert Thomason: “Caution: Leaky levees!”
- Turner, Christian[8] [8D5], Classical Academy - North/Gary Brohmer: “Attacking the angle of attack with a wind tunnel!”
- D’Amour, Ashley[6] & Specht, Eyvone[6] [JF6], Ellicott MS/Suzanne Blau: “Which lip color lasts longer”
- Wood, Michelle[10] [SC29], Coronado HS/Lynne Williams: “Cracking fingerprints”

Estes Industries

- Althouse, David[7] [7C14], Classical Academy - North/Candus Muir: “Rockets with a Tude”
- Hoyt, Robert[9] & Ulliman, Caleb[9] [SF20], Palmer HS/Angie Dunn: “Up, down and away”

Fargo Pizza

- DeBoard, Jasmine[8] [8C25], Sabin MS/Rose Di Censo: “Atomic comets”
- Konecny, Sarah[10] [SB14], Coronado HS/Kendra Schleiker: “Making sense of your anxiety”

Free Thinkers

- Walsh, Sean[10] [SA22], Coronado HS/Lynne Williams: “Stem cell knowledge survey”

Herbert Hoover Young Engineers

- Beard, Danny[10] [SD8], Palmer HS/Nancy Hampson: “Bending the future”

Horticultural Society of Colorado Springs, Inc. Senior

- Lockwood, Zach[9] [SA29], Palmer HS/Angie Dunn: “Mountain grown”

Horticultural Society of Colorado Springs, Inc. Junior

- Bowles, Jennifer[8] [8A8], Classical Academy - North/Gary Brohmer: “Plant Growing With A Twist”

Intel Corp. Excellence in Computer Science

- Zubiel, Matthew[10] [SD17], Lewis Palmer HS/Tyler Dall: “Indoor fi refi ghter location”

International Society of Optical Engineers

- Qiu, Diana[11] [SC2], Palmer HS/Sandy Smith: “Liquid Crystals”

Memorial Hospital Laboratory

- Hearrell, Allie[6] [6B1], Classical Academy - North/Candus Muir: “Vitamina: How do multi-vitamins compare in dissolvability rates?”
- Baur, Ciera[8] [8B12], Challenger MS/Scott Grumann: “Teen addiction”
- Young-kin, Brittney[10] [SA4], Palmer HS/Karen Crosson: “Mold contamination”
- Foley, Jenni[10] [SB13], Coronado HS/Lynne Williams: “Guys or girls, who’s more prone?”

Mu Alpha Theta

- Shankar, Rahul[6] [6C27], Mountain Ridge MS/Jennifer Douglass: “To switch or not to switch”

National Society of Professional Engineers

- Friesen, Forrest[11] [SD12], Palmer HS/Sandy Smith: “Design and construction of a dynamic, artificial neural network”

Pikes Peak Peace and Justice Commission

- Warner, Eva[9] [SB6], Palmer HS/Carol Bach: “Filtron: The purity of water in Central America”
- Leonard, Julia[10] [SD16], Palmer HS/Nancy Hampson: “Death by fire: The raging spread of epidemic in the world of modern medicine”

Psychological Society of the Pikes Peak Region

- Wilkinson, Christina[6] [6B5], Discovery Canyon Elem./Christa Lundberg: “Rockin’ rats”
- Morris, Brittany[8] [8B3], Mountain Ridge MS/Regina Miller: “Stereotypes and first impressions”
- Northam, Luke[10] [SB9], Classical Academy - North/Linda Cummings: “Music and productivity”
- Di Biase, Sophia[9] [SB19], Doherty HS/Connie Law: “Animal testing”

Ricoh

- Thompson, Sara[9] [SD4], Palmer HS/Martha Alvarez: “Glass or plastic?”

Soil and Water Conservation Society

- Ginnett, Sam[7] [7C21], Classical Academy - North/Candus Muir: “Give me the dirt”
- Thomsen, Sarah[8] [8A15], Classical Academy - North/Robert Thomason: “Growing beans better”
- Dattilo, Rebecca[9] [SA8], Palmer HS/Angie Dunn: “How safe is our water?”
- Yassa, Amgad[9] [SB1], Palmer HS/Carol Bach: “Do you know what you’re drinking?”

Ted's Bicycles

- Carlston, Heidi[8] [8B10], Sabin MS/Rose Di Censo: "The Stroop effect"

U. S. Air Force

- Kovshar, Yelena[9] [SA15], Palmer HS/Martha Alvarez: "The best and safest way to purify water in an emergency"
- Byrd, Andrew[9] [SD7], Palmer HS/Carol Bach: "Alternate fuel sources"

U. S. Army Grand

- Tucker, Steven[9] & Berndsen, Cody[9] [SF9], Palmer HS/Carol Bach: "Solar powered car"

U. S. Army Award Certificate

- Christianson, Ezra[6] [6C20], Hanover MS/Jenni Esser: "Factory loaded ammunition compared to hand loaded ammunition"
- Phillips, Scott[6] [6C28], Kiowa MS/Suni Olkjer: "Lightning sugar"
- Roche, Matt[7] [7B9], Classical Academy - North/Candus Muir: "Are you a lunatic?"
- Webb, Tionne[7] [7B10], Classical Academy - North/Candus Muir: "Toothbrush comparison"
- Hahn, Ethan[8] [8C16], Classical Academy - North/Robert Thomason: "Ionic spacecraft propulsion"
- Turner, Christian[8] [8D5], Classical Academy - North/Gary Brohmer: "Attacking the angle of attack with a wind tunnel!"
- Wynn, Rachel[10] [SB15], Coronado HS/Darin Smith: "Does Music + Math = More Success?"

U. S. Dept. of Health and Human Services Outstanding Certificate

- St. Louis, Tabea[9] [SB21], Classical Academy - North/Blake Galvin: "The fat of your dinner"

U. S. Metric Association Certificate of Achievement

- DeBoard, Jasmine[8] [8C25], Sabin MS/Rose Di Censo: "Atomic comets"

U. S. Navy & Marines – Junior

- Meyer, Chris[6] [6A6], North MS/Greg Busby: "Oil spills"
- Young, Emma[8] [8C1], Mountain Ridge MS/Regina Miller: "Magnetohydrodynamics"
- Hahn, Ethan[8] [8C16], Classical Academy - North/Robert Thomason: "Ionic spacecraft propulsion"
- Murrell, Matthew[8] [8C19], Mountain Ridge MS/Regina Miller: "The power of energy"
- Braswell, Sean[8] [8D1], Panorama MS/Kasey Burkholder: "Hover time"

U. S. Navy & Marines – Senior

- Kovshar, Yelena[9] [SA15], Palmer HS/Martha Alvarez: "The best and safest way to purify water in an emergency"
- Fowler, Kelsey[9] [SC8], Palmer HS/Carol Bach: "Shipwreck solutions: The recovery of an oil spill"
- Weber, Samantha[9] [SC16], Palmer HS/Martha Alvarez: "Solar distillation of sea water"
- Murrow, Stephanie[10] [SD11], Coronado HS/Lynne Williams: "Efficiency: It's what's on the inside that counts"
- Zupan, Katie[10] [SD18], Classical Academy - North/Linda Cummings: "Hovering Heights"

Water Environment Federation

- Dattilo, Rebecca[9] [SA8], Palmer HS/Angie Dunn: "How safe is our water?"

Yale Science & Engineering Association

- Qiu, Diana[11] [SC2], Palmer HS/Sandy Smith: "Liquid Crystals"