

Senior Division

Animal Science

Third Place

Bradie Lindsay	SR-AS-211	Calming therapies to reduce number of seizures in epileptic dogs	Carbon High School
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Second Place

Lauren Gardner	SR-AS-121	An Investigation Into the Reproductive Strategies of <i>Neritina natalensis</i>	Success Academy Dsu
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First Place

Faith Anderson	SR-AS-233	Operant Conditioning in Madagascar Hissing Cockroaches	Success Academy Suu
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Senior Division

Behavioral & Social Sciences

Third Place

Hamza Samha	SR-BS-197	Personally Type and Study Skills	Success Academy Suu
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Second Place

Sheldon Williams	SR-BS-135	Heart Rate, and Errors Musicians Make While Sight Reading Music	Success Academy Dsu
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First Place

Noel McAllister	SR-BS-139	The Effects of <i>Bacopa monnieri</i> on <i>Blaberus discoidalis</i> Memory Tested Via Microstimulation of the Antenna Nerves	Success Academy Dsu
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Senior Division

Biochemistry

Third Place

Katelyn Erickson	SR-BC-177	The Effects of Different Flours on Ethanol Production	Success Academy Dsu
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Second Place

Tylee McCall Hunt	SR-BC-116	Egg Substitutes and Their Effect on Leavening, Binding, and Thickening	Success Academy Dsu
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First Place

Justin Webb	SR-BC-147	Oxidation Rate of Dopamine Hydrochloride Using Spectrophotometry	Success Academy Dsu
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Senior Division

Cell & Molecular Biology

Third Place

Shawnte Mitchell	SR-CM-180	Dragon Creation Prodject	Canyon View High School
Eric Spencer	SR-CM-180	Dragon Creation Prodject	Canyon View Middle School

Second Place

Gavin Paxman	SR-CM-109	The Acquired Resistance of Escherichia coli B to Ampicillin compared to T4 Bacteriophages	Success Academy Dsu
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First Place

Koa Brown	SR-CM-175	The Effect of Artificial Sweeteners on Yeast Fermentation in an Acidic Environment	Success Academy Dsu
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Senior Division

Chemistry

Third Place

Zackary James Hunt	SR-CH-111	Conductivity of Conventional Fruits	Success Academy Dsu
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Second Place

Kourtney Nicole Kezos	SR-CH-124	The Effect of Oxybenzone on Ultraviolet Protection	Success Academy Dsu
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First Place

Sydney Cuff	SR-CH-127	The Effect of Environmental Factors on the Degradation of Oil Paint.	Success Academy Dsu
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Senior Division

Computer Science

Third Place

Austin Prince	SR-CS-231	Photography	Success Academy Suu
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Second Place

Luke Hansen	SR-CS-190	Target Sort:A New Sorting Algorithm Inspired by the Rubik's Cube	Carbon High School
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First Place

Bradley Walters	SR-CS-159	Mitigating Effects of Database Breaches with Stronger Password Storage Strategies	Success Academy Dsu
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Senior Division

Earth & Planetary Science

Second Place

Jenecee Mathis	SR-EP-133	The Effect of Category Four Hurricanes and Humanitarian Aid on Fertility Rates	Success Academy Dsu
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First Place

Andrew Stender	SR-EP-173	Equating When Rising Sea Levels will Affect US Cities	Success Academy Dsu
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Senior Division

Energy and Transportation

Third Place

Dalton Stone Petty	SR-ET-114	A Comparison of Novel Heat Exchanger Efficiency to Current Heat Exchanger Efficiency	Success Academy Dsu
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Second Place

Paxton Gibson	SR-ET-115	Adobe Insulation Versus Fiberglass Insulation	Success Academy Dsu
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First Place

Alexa Brammer	SR-ET-232	Blade Variance Effects on Wind Turbine Energy Production	Snow Canyon Middle School
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Senior Division

Engineering: Electrical and Mechanical

Third Place

Weston Shakespear	SR-EE-201	Layers Upon Layers	Canyon View High School
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Second Place

Parker Humes	SR-EE-237	FANTastic	Carbon High School
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First Place

Joshua Miraglia	SR-EE-184	Efficiently Reducing Application Interference in Memory Systems While Preserving Performance	Success Academy Dsu
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Senior Division

Engineering: Materials and Bioengineering

Third Place

Kaitlyn McKnight	SR-EMB-146	The Effects of Pressure on the Rotator Cuff	Success Academy Dsu
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Second Place

Leilana Hoelsterling	SR-EMB-132	Effects of natural and synthetic fibers and fabrics on thermal properties of emergency mylar blankets	Success Academy Dsu
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First Place

Hunter Twitchell	SR-EMB-113	The Effect of Dimple Configuration on Golf Ball Flight Time and Distance	Success Academy Dsu
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Senior Division

Environmental Management

Third Place

Shane Farnsworth	SR-EM-126	The Effects of Lead Oxide and Copper Powder on the Development of Zebrafish Embryo	Success Academy Dsu
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Second Place

Tyler Yoklavich	SR-EM-199	Going Small to Clean Up Big: Increasing Efficiency of Oil Spill Cleanup. Phase II	Carbon High School
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First Place

Sophie Talbot	SR-EM-136	Turbidity of Water based on Time of Water Chlorination	Success Academy Dsu
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Senior Division

Environmental Science

Third Place

Isaac Sandoval	SR-ES-215	The Effect of White Tailed Prairie dogs on Soil Health in New Castle, UT.	Canyon View High School
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Second Place

Avery Abelhouzen	SR-ES-110	Activated Carbon Filtration for the Removal of Pesticides and Herbicides in Drinking Water	Success Academy Dsu
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First Place

Sydney Kay	SR-ES-142	Filtering turbidity using Balfouriana filters versus Sediment filters	Success Academy Dsu
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Senior Division

Mathematical Sciences

Third Place

Christina Bartholomew	SR-MS-112	The Ability of Proprioception to Increase Muscle Recruitment	Success Academy Dsu
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Second Place

Alexis Schimbeck	SR-MS-119	How positive and negative name correlation affects sense of smell	Success Academy Dsu
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First Place

Troilus (Troy) White	SR-MS-188	Levels of the independent variable: How many is too many?	Cedar High
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Senior Division

Medicine & Health Sciences

Third Place

Katelyn Bryner	SR-MH-165	Beneficial Alternatives to Benzophenone-3 in Chemical-Based Sunscreen for Additional Protection from UVA/UVB Radiation	Success Academy Dsu
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Second Place

Jayden Christiansen Van	SR-MH-118	The Effects of Incline Training on the VO ₂ max of High School Adolescents	Success Academy Dsu
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First Place

Marquee Jensen	SR-MH-202	A Diabetics Good Nights Rest	Carbon High School
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Senior Division

Microbiology

Second Place

Torie Hammack	SR-MI-196	How Clean is Your Apple?	Carbon High School
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First Place

Maycee Dawn Redfearn	SR-MI-123	The Zone of Inhibition of Streptococcus Mutans and Streptococcus Oralis using Antibacterials	Success Academy Dsu
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Senior Division

Physics & Astronomy

Third Place

Kinzie Nikelle Sullivan	SR-PA-122	Does Extreme Temperature Exposure Effect the Core of the Softball	Success Academy Dsu
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Second Place

Felicity Anne Brockbank	SR-PA-125	The Force of Terminal Ballistics on Varying Solid Materials	Success Academy Dsu
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First Place

Brycen Cheney	SR-PA-150	The Effect of Water Absorption on Rope Friction	Success Academy Dsu
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Senior Division

Plant Sciences

Third Place

Grace Broadbear	SR-PS-178	Don't Treat Soil Like Dirt	Carbon High School
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Second Place

Drake Hinton	SR-PS-138	The Effects of Organic vs. Inorganic Fertilizer on the Levels of Ascorbic Acid in Solarium lycopersicum	Success Academy Dsu
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First Place

Dallen Tweddell	SR-PS-238	Fermented Feeds in Agriculture	Carbon High School
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