

2018 Cosgriff Science Fair

8th Grade

1	Life Science	Does social media use have an effect on a user's well-being and happiness?	Maggie Simms
2	Life Science	What Is Causing Feather Damaging Behaviors In Captive Scarlet Ibises?	Sofia Patnode
3	Life Science	How can the Placebo Effect be used in Medicinal Practices?	Charlie Leo
4	Life Science	Does Memory Vary by Age and Gender?	Leya Joseph
5	Life Science	Which generation is addicted to their phone based on the effects of dopamine on blood pressure and heart rate?	Kurt McLaughlin

1	Physical Science	Can magnetic nanoparticles be engineered to effectively treat water bodies polluted by oil chemicals and allow for an efficient recapture and reuse of oil?	Jack Saber
2	Physical Science	Does a High Concentration of Carbon Dioxide in the Atmosphere Contribute to Global Warming?	Katie Horne
3	Physical Science	How Does Elevation Affect Air Quality in Salt Lake City?	Andrea Giovannello
4	Physical Science	In which environment does trash produce the most methane gas?	Violetta Wharton
5	Physical Science	How Many Gas Powered Cars Would Need to be Replaced by Electric Cars to Significantly Decrease the Amount of Carbon Monoxide in Salt Lake County in Terms of Automobile Produced Pollution?	Olivia Cowan

Best Oral Presentation

Jack Saber

Best Visual Display

Katie Horne

7th Grade

1	Life Science	Rain, rain go away?	Nico Morton
2	Life Science	How Does CO2 Affect Nutrient Content?	Colleen MacWilliams
3	Life Science	How Does Being In Contact With A Dog Affect A Humans Heart Rate And Systolic Blood Pressure?	Marco Crosswhite
4	Life Science	Do Drums or Cymbals Affect Hearing More?	Michael Donnelly
5	Life Science	How do the various ingredients that can be used in smoothies impact the blood sugar levels in humans?	Abby Fowler

1	Physical Science	Does the the temperature of a battery affect how long it will last?	Jack Gose
2	Physical Science	What ice melts are most effective and environmentally friendly?	Ava Sibthorp
3	Physical Science	How does temperature affect the strength of chemiluminescence?	Kevin Pernich
4	Physical Science	Is The Use of Headgear In Soccer Effective In Reducing The Forces To The Head That Cause Concussions?	Lanee Farr
5	Physical Science	Swimmers' Hair	Ian Conner

Best Oral Presentation

Anthony Walz

Best Visual Display

Lucas Gonzalez