

SLVSEF 2016 - Junior Division			
Category and Rank	Name	School	Project Title
Behavioral & Social Sciences - First	Isabella DiNardo	J.E. Cosgriff Memorial	Game On: Does Mindful Gaming Lead to Improvements in Cognitive Function?
Behavioral & Social Sciences - Second	Carrie Thompson & Nyah Runia	Channing Hall	Correlating the Increase on Age and Decrease in Self-Esteem
Behavioral & Social Sciences - Third	Tiara Tuttle	American Preparatory Academy	An Auditory EGGsperiment
Behavioral & Social Sciences - Fourth	Anthony Hill	Churchill Jr. High	Octopide: The Effect of Habitat Enrichment on the Giant Pacific Octopus
Biology & Biochemistry - First	Christopher Li	West High	How do UVB-radiated human melanocytes react when treated with N-Acetylcysteine?
Biology & Biochemistry - Second	Mason Buxton	American Preparatory Academy	To Spike or Not to Spike? The Effects of Fructose, Glucose & Sucrose on Blood Sugar
Biology & Biochemistry - Third	Tara Horscroft	Entheos Academy	Silver Nanoparticles: Bacteria's Menace or a Whole Lot of Hype?
Biology & Biochemistry - Fourth	Marley Rosello	J.E. Cosgriff Memorial	Are Natural Cleaners as Effective at Killing Bacteria as Artificial Cleaners?
Chemistry - First	Benjamin Tward	Wasatch Jr. High	Rust Inhibitors
Chemistry - Second	Jacinda Lee & Gideon Gomm	West High	The Future of Fire Retardants
Chemistry - Third	Tommy Christopherson	Clarke N. Johnsen Jr. High	Plastic Milk
Chemistry - Fourth	Cole Novara	St. John the Baptist Middle School	Marvelous Muffin Manipulations
Earth & Environmental Sciences - First	Victoria Smithson	St. Vincent de Paul School	Impact of Drugs on Daphnia
Earth & Environmental Sciences - Second	Mia May	West High	Acid Rain's Impact on Radish Plants
Earth & Environmental Sciences - Third	James Mecklenburg & Mark Whisenant	Hillside Middle School	Geomagnetism and the Inverse Square Law
Earth & Environmental Sciences - Fourth	Audrey Glende & Greta Asay	Clayton Middle School	Nasty Nitrogen: Effect of Development on Nitrogen Levels in Rivers
Energy: Chemical & Physical - First	Alexander Robert	St. Joseph Elementary School	Mercurial Magnets
Energy: Chemical & Physical - Second	Anoushka Kharkar	Challenger	Burn Clean and Go Green
Energy: Chemical & Physical - Third	Grace Wang	Midvale Middle School	Solar Cells Put to the Temp
Energy: Chemical & Physical - Fourth	Noah Robert	St. Joseph Elementary School	Tubular Turbines
Engineering: Civil & Environmental - First	Pearl Marden	St. Joseph Elementary School	Green to Green: Waste to Wealth
Engineering: Civil & Environmental - Second	Michael Romero	J.E. Cosgriff Memorial	Smog Eating Roads
Engineering: Civil & Environmental - Third	Erica Strand	J.E. Cosgriff Memorial	Third World Water
Engineering: Civil & Environmental - Fourth	Sathyashri Muruganandam	Wasatch Jr. High	Hydropower
Engineering: Electrical & Computer Science - First	Elise Perry	Challenger	Where Oh Where Did My WiFi Go?
Engineering: Electrical & Computer Science - Second	Wentao Zhang	Midvale Middle School	Exploring Computer/Network Security through Design and Implement of Three New Encryption Algorithms
Engineering: Electrical & Computer Science - Third	James Baird	St. Joseph Elementary School	SOLARBOT: THE MOST EFFICIENT TWO AXIS TRACKER SOLAR PANEL
Engineering: Electrical & Computer Science - Fourth	Kajal Ganesh	J.E. Cosgriff Memorial	MEASURING THE QUALITY OF MACHINE LEARNING PROGRAMS
Engineering: Materials & Biomedical - First	Lillian Billeter	Reid School	Hot and Cold Magnets
Engineering: Materials & Biomedical - Second	Kevin Abanto	St. Andrew School	A Cool Pad For A Cool Cap
Engineering: Materials & Biomedical - Third	Zoe Garver	Churchill Jr. High	Field of Germs
Engineering: Materials & Biomedical - Fourth	Sam Gaskill	The McGillis School	Frozen Skis
Engineering: Mechanical - First	Jack Shuckra	J.E. Cosgriff Memorial	Race Wheels for the Junior
Engineering: Mechanical - Second	John Matthews	J.E. Cosgriff Memorial	Flying Trains
Engineering: Mechanical - Third	Eve Warner	American Preparatory Academy	Project Pirouette
Engineering: Mechanical - Fourth	Jaspar Ruegemer	Weilenmann School of Discovery	Hydraulics Under Pressure
Medicine & Health Sciences - First	Hailey Warden	J.E. Cosgriff Memorial	Bad Air Got Your Lungs?
Medicine & Health Sciences - Second	Vishal Jammulapati	West High	The "Impact" of Backpack Strap Length on Shoulders
Medicine & Health Sciences - Third	Jane Zhang	West High	resistance to death
Medicine & Health Sciences - Fourth	Anya Tiwari	Midvale Middle School	Nanotechnology in Diabetes
Physics, Astronomy & Math - First	Steele Smith	Draper Park Middle School	Optimizing Velocity from a Magnetic Linear Accelerator

Physics, Astronomy & Math - Second	Jonas Malinka-Thompson	The Madeleine Choir School	Got Lift? What Airfoil Creates the Most Lift?
Physics, Astronomy & Math - Third	Matthew McNamee	Wasatch Jr. High	Ball Bounce Height vs Drop Height Ball Inflation and Ball Material
Physics, Astronomy & Math - Fourth	Nicholas Falkner	St. Vincent de Paul School	Super Powers of a Superconductor
Plant Sciences - First	Theodore Violet	J.E. Cosgriff Memorial	Optimizing Lawn Watering
Plant Sciences - Second	Samuel Conner	J.E. Cosgriff Memorial	O'Chemistree
Plant Sciences - Third	Matylda Blaszcak	J.E. Cosgriff Memorial	Which nutrient out of NPK helps Arabidopsis survive through drought?
Plant Sciences - Fourth	Hayden Bracken	Hillside Middle School	Miracle-Gro or Miracle-No