

USEF 2020 - Junior Division			
Category and Rank	Name	School	Project Title
Behavioral & Social Sciences - First	Katerina Rogacheva	Midvale Middle School	How the modern world affects teen's information processing and learning abilities
Behavioral & Social Sciences - Second	Grace Warner	American Preparatory Academy APA Draper 3	A Sticky Situation: The Relationship Between Gum Policy and School Cleanliness
Behavioral & Social Sciences - Third	Maximilian Kratz	Midvale Middle School	It's About Time (Perception)
Behavioral & Social Sciences - Fourth	Neal Jamison	Entheos Academy	The Relationship of Age and Hand Washing Compliance
Biology & Biochemistry - First	Perry Buxton	American Preparatory Academy APA Draper 3	The Effect of Lemon Water on the Body's pH.
Biology & Biochemistry - Second	Jordan Olschewski	Entheos Academy	Dogs vs. Humans: Ascertaining if dogs or their owners have more bacteria on their tongues and buccal pouches
Biology & Biochemistry - Third	Grant Eliason & James Eliason	West High	Adventures in Aquaponics
Biology & Biochemistry - Fourth	David Habib	Challenger	Synthetic vs. Natural Antacids
Chemistry - First	Linnea Evans	St. John the Baptist Middle School	Cold as Ice
Chemistry - Second	Eva Zemp & Emily Cooper	Clayton Middle School	Cookie Chemistry
Chemistry - Third	Allison Hulse	Bonneville Academy	Spherification with Orange Juice
Chemistry - Fourth	Keyan Olson	Mount Jordan Middle School	Exploring Plastic Disposal
Earth & Environmental Sciences - First	Sierra Sun	The Waterford School	To Flush or Not to Flush: An Analysis of "Flushable" Wipes
Earth & Environmental Sciences - Second	Aliyah Grijalva	St. Joseph Elementary School	Heavy Metal Concentrations in Water From China
Earth & Environmental Sciences - Third	Mia Giovanniello	J.E. Cosgriff Memorial	How Does Salinity Affect the Hatch Rate of Brine Shrimp?
Earth & Environmental Sciences - Fourth	Sophie Hoecherl, Saskia Willey & Georgia Barrett	Channing Hall	Think Blue
Energy: Chemical & Physical - First	Eden Bailey	American Preparatory Academy APA Draper 3	Critical Roll: An Analysis of the Stochastic Behavior of Polyhedral Substances whose Potential Energy is Transformed to Kinetic Energy when Subjected to Gravitational Forces.
Energy: Chemical & Physical - Second	Jack Simpson	Silver Summit Academy	Salt Water Battery
Energy: Chemical & Physical - Third	Connor Soelberg	Churchill Jr. High	Human Powered Devices
Energy: Chemical & Physical - Fourth	Vince Wong	Wasatch Jr. High	Fusion Laser Reactor
Engineering: Civil & Environmental - First	Beau Saber	J.E. Cosgriff Memorial	Using Nanoparticle Engineering To Capture and Recycle Plastic Pollutants In Water Bodies
Engineering: Civil & Environmental - Second	Madilyne Beaudry	St. Joseph Elementary School	Bioplastic Development; Yielding Lactic Acid Using Compost
Engineering: Civil & Environmental - Third	Dheeraj Vislawath, Thomas Lu & Ivan Chen	Midvale Middle School	Multipurpose UAVs
Engineering: Civil & Environmental - Fourth	Abby Holland, Brynn Frohman & Katie Brown	Channing Hall	Bamboozled
Engineering: Electrical & Computer Science - First	Evan Weinstein	Rowland Hall	Stop the Epidemic: Vaccinate
Engineering: Electrical & Computer Science - Second	Katherine Hall	St. Joseph Elementary School	Hyperthermic Emergency Automatic Response Tool
Engineering: Electrical & Computer Science - Third	Kassie Holt	Beehive Academy	Securely Memorable
Engineering: Electrical & Computer Science - Fourth	Nicholas Ermakov	Challenger	KNOW YOUR DOSE OR BE FRIED! Individual UV Exposure Dosimeter for Skin Cancer Prevention
Engineering: Materials & Biomedical - First	Sebastian Wrona	Ecker Hill Middle School	Painless Travel
Engineering: Materials & Biomedical - Second	George Smith & Sam Limburg	Hillside Middle School	Do you even wax, Bro?
Engineering: Mechanical - First	Aidan Mulligan	St. John the Baptist Middle School	Propeller Thrust
Engineering: Mechanical - Second	Kyle Palo	Bonneville Academy	Electro-Grapppler
Engineering: Mechanical - Third	Diego Ize-Cedillo & Isaac Wells	Weilenmann School of Discovery	Printer To Plastic
Engineering: Mechanical - Fourth	Ava Clark	St. John the Baptist Middle School	Arch Failure - Snap, Crackle, Pop
Medicine & Health Sciences - First	Eric Lu	West High	Coding for Codeine!
Medicine & Health Sciences - Second	Ava DiNardo	J.E. Cosgriff Memorial	Can the Use of Smart Technology Improve Health Outcomes?
Medicine & Health Sciences - Third	Krishnam Goel	Churchill Jr. High	Do Antibiotic Resistant Bacteria Live in Indoor Environments, and How do We Control Them?

Medicine & Health Sciences - Fourth	Aadya Lal	Challenger	Stem Cell Regeneration, Growth, and Development
Physics, Astronomy & Math - First	Dallin Soukup	Olympus Jr. High	Double Rainbows: Using Computer Modeling and Calculus to Explain the Phenomenon
Physics, Astronomy & Math - Second	Caleb Lyons	Clarke N. Johnsen Jr. High	Frisbee Flight 101
Physics, Astronomy & Math - Third	Aspen Edwards	Albion Middle School	Solar Geometry
Physics, Astronomy & Math - Fourth	Dylan Kelsey	Churchill Jr. High	Closed-End Air Columns: Music Magic
Plant Sciences - First	Caroline Mullin	St. Joseph Elementary School	Seeds With Wings
Plant Sciences - Second	Kalli Bo	Challenger	The Last Plant Standing
Plant Sciences - Third	Rebecca Leavitt & Mckenzie Coleman	Hillside Middle School	Radio-Frequency Radiation and Plant Growth
Plant Sciences - Fourth	Jakob Anderson	Draper Park Middle School	How Does pH Affect Plant Growth