

## 4th Annual AVUHSD STEM Expo Results

### First Place Grand Prize Winner

#### Dorsa Bahmani - Scientific Inquiry - Is Manuka Honey the Answer to Antibiotic Resistance? - QHHS

	First place	Second Place	Third Place
<b>Environmental or Agricultural Innovation</b>	Amber Stricklen Gracie Weilbacher Vanessa Canales “Kinetic Energy Flywheel” <b>QHHS</b>	Valerie Castillo Rachel Mobaraka “Sources of Light Affect Plant Growth” <b>SOAR High</b>	Kristen Kim Duong Nguyen Elizabeth Barajas “Aquaponics at Home” <b>HHS</b>
<b>Invention</b>	Matthew Cardona “The Acoustic Gauntlet” <b>HHS</b>	Isabel Agbing Christian Sanchez Trevor Vahan “Hydroagia” <b>HHS</b>	Trinity Jacobs Jessica Munoz “Portable Recycling Center” <b>SOAR High</b>
<b>Reverse Engineering</b>	Juliana Maida Salami Iuna Kassandra Vasquez “Apple vs LG” <b>PHS</b>	Nassim Tavakoli Taylor Lowe “Smoke Alarm” <b>QHHS</b>	Sean Wygant “Consumer Electronics” <b>HHS</b>
<b>Robotics and Computer Science</b>	Devon Woolston Joey Beam Noah Hinkley “ROV” <b>QHHS</b>	Nikoli Corraera Jeremy Davis “Search and Rescue” <b>LnHS</b>	Anthony Lugo Anthony Jaspersen Rafael Swinger “Robotic Spider” <b>EHS</b>
<b>Rube Goldberg</b>	Jodie Cheun “Slime Machine” <b>SOAR High</b>	Eden Plantinga Bank Tyagi “Plant and Dog Feeder” <b>QHHS</b>	Alex Ethridge Alexis Rodriguez Jason Santa Cruz “Reading in Space” <b>LnHS</b>
<b>Science Fiction</b>	Michelle Wolf Anabrisa Hernandez “Beyond the Scope” <b>LHS</b>	Kambrie Miller Hannah Sutton “The Outbreak” <b>QHHS</b>	Liliana Tauvar “Success in the Real World” <b>SOAR High</b> Abigail Fricke Allison Fricke “The Adventures of Orion and Avina” <b>LHS</b>
<b>Scientific Inquiry</b>	Dorsa Bahmani “Is Manuka Honey the Answer to Antibiotic Resistance?” <b>QHHS</b>	Andrea Pulido Angela Pulido “Treatment of Used Motor Oil /Alternative Fuel” <b>HHS</b>	Elisha Penaflour “Air Quality of Hand Dryers” <b>QHHS</b>