

LRSEF- General Award Script - High school

Animal Sciences

2nd Place

Erik Taghizadeh - Ballard High School Science & Engineering Fair
Does Cellular Phone Radiation effect the Lifespan of a Cricket?

1st Place

Maddie Foley - Ballard High School Science & Engineering Fair
Can fish be trained using positive reinforcement?

Behavioral and Social Sciences

3rd Place

Fé Martinez - Ballard High School Science & Engineering Fair
Benefits of Chewing Gum?

2nd Place

Madison Fleischaker - Ballard High School Science & Engineering Fair
Reading Comprhension, Mobile Devices and Age

1st Place

Julie Nguyen - BROWN SCHOOL
The Effect of Distraction on Perception Reaction Time

Biochemistry

3rd Place

Anthony Mikos - Ballard High School Science & Engineering Fair
The Effect of PEctinase on Juice Extraction from Apples

2nd Place

Chandrahaas Kona - NORTH OLDHAM HIGH SCHOOL
Heavy Metal Toxicity and Organ Systems

1st Place

Shruti Wadhwa - Kentucky Country Day
Analysis of different Nrf2 inducers on reversal of stress-induced changes in renal tubule cells

Biomedical Engineering

1st Place

Alexander Reaugh - Ballard High School Science & Engineering Fair
Non-Dominant Gaming

Biomedical and Health Sciences

3rd Place

Aidan Davis - Ballard High School Science & Engineering Fair
Does Music Affecct Heart Rate?

2nd Place

Dana Hubscher - Ballard High School Science & Engineering Fair
Taste Discrimination and Preference for Reduced Fat Foods Among Teens

1st Place

Vishaal Balamurugan - NORTH OLDHAM HIGH SCHOOL
Stimulation of Islet Cell Vascular Growth for the Treatment for Diabetes

Cellular and Molecular Biology**3rd Place**

Claire Keum - Ballard High School Science & Engineering Fair
Denaturation of Enzymes: Keratin, Casein, and Albumen

2nd Place

Landys Guo - Kentucky Country Day
Effect of heme oxygenase-1 on epigenetic gene profile in adult cardiac progenitor cells

1st Place

Nashwa Saleem - Kentucky Country Day
Anticancer Activity of Thymoquinone and DNA Sequence AS1411 on Breast and Lung Cancer Cells

Chemistry**3rd Place**

Haseeb Tariq - Ballard High School Science & Engineering Fair
Quality of Different Waters

2nd Place

Rambod Edarehchi Gilani - TRINITY HIGH SCHOOL
Electrolysis of water and renewable energy system

1st Place

Lillian Hardin - Ballard High School Science & Engineering Fair
The Effect of Baking Powder and Baking Soda on Muffins

Earth and Environmental Science**3rd Place**

Lucy Biberman - Ballard High School Science & Engineering Fair
How Sea Walls Affect Circular Currents

2nd Place

Alexis Sachleben - Ballard High School Science & Engineering Fair
Alternate Energy Technology in Reef Preservation

1st Place

Sydney Kessler - Ballard High School Science & Engineering Fair
How Does a Gravel Seafloor Versus a Sand Seafloor Affect the Wave Velocity of a Tsunami?

Embedded Systems

1st Place

Brian Knapp - Ballard High School Science & Engineering Fair
Think About It!

Energy: Chemical**2nd Place**

Nitisha Malhotra - Ballard High School Science & Engineering Fair
Stability of Sustainable Activated Carbon Fibers in Solar Cells

1st Place

Sriram Satyavolu - Kentucky Country Day
Activated Carbon Fibers from Sustainable Agricultural Sources for Hydrogen Storage

Energy: Physical**3rd Place**

Qhawelwenkosi "Blessing" Mhlanga - Ballard High School Science & Engineering Fair
The Seebeck Effect

2nd Place

Laziz Muradov - Ballard High School Science & Engineering Fair
Transferring energy with the use of high frequency microwave radiation

1st Place

Tanya Gupta, Natasha Gupta - Ballard High School Science & Engineering Fair
Mitigating the Urban Heat Island (UHI): Study of Solar Absorption & Night-Sky Radiation on Cool-Roof Coatings

Engineering Mechanics**2nd Place**

Alex Edison - EASTERN HIGH
Windmill Car

1st Place

Leland Mason - Ballard High School Science & Engineering Fair
What Basic Automobile Shape is Most Aerodynamically Efficient?

Environmental Engineering**3rd Place**

Jakob Williamson - BULLITT CENTRAL HIGH SCHOOL
The Desalination of Ocean Water through Electrolysis

2nd Place

Mariam Prieto-Perez - BROWN SCHOOL
The Comparison of Different Types of Microbial Fuel Cells and their Energy Output

1st Place

Sophia Sodano - Ballard High School Science & Engineering Fair
Biodegradable spoons

Materials Science

3rd Place

Vidu Godage - Ballard High School Science & Engineering Fair
Lowest Possible Temperature For Graphene Growth Using Plasma

2nd Place

Kairav Kukkala - Ballard High School Science & Engineering Fair
Impact of Modifying Cement with Natural Fibers and Bio-waste Powders

1st Place

Joshua Jacob - ST. XAVIER HIGH SCHOOL
Development of a Hybrid Inkjet 3D Printer: a Novel Approach to 3D Printing Conductive Architectures and Flexible Electronics

Mathematics

1st Place

Kara Lee - The J Graham Brown High School
Does the Bernoulli Assumption in Baseball Make Sense?

Microbiology

3rd Place

Maria Dinh - Ballard High School Science & Engineering Fair
Bacteria in the School

2nd Place

Prateek Katta - NORTH OLDHAM HIGH SCHOOL
A Viable Way to Test Cancer Treatments and Causes

1st Place

Sherafghan Khan - GATTON ACADEMY OF MATHEMATICS AND SCIENCE
Isolation and Characterization of Novel Bacteriophage Flare16

Physics and Astronomy

3rd Place

Abby Wright - Ballard High School Science & Engineering Fair
How Varied Methods of Correcting Eyesight Affect Vision

2nd Place

Coleton Burch - Ballard High School Science & Engineering Fair
The Effect of Tee Height on Driving Distance

1st Place

William Schuhmann - Ballard High School Science & Engineering Fair
Vapor Propelled Marangoni Effect

Plant Sciences

2nd Place

Aidan Blewett - Ballard High School Science & Engineering Fair

Measuring the Rate of Photosynthesis

1st Place

Josh Eberle - VALLEY HIGH SCHOOL

Effect of Blood on Plant Vitality

Robotics and Intelligent Machines

1st Place

Austin Young - Ballard High School Science & Engineering Fair

Robots are Creating Art

Systems Software

2nd Place

Ben Berdichevsky - Ballard High School Science & Engineering Fair

How Organization affects reader understanding

1st Place

Aditi Tarkar - Ballard High School Science & Engineering Fair

How do fingerprint scanners work? Can fingerprints be replicated to unlock the fingerprint secured phones?

Translational Medical Science

3rd Place

Shanzeh Sayied - Kentucky Country Day

An In Vitro Test to Determine if Drugs Induce Cataract

2nd Place

Katherine Dillon - Ballard High School Science & Engineering Fair

Effectiveness of Antifungal Agents

1st Place

Anuj Chhabra - Ballard High School Science & Engineering Fair

What are the potential mechanism/s by which curcumin can lower the development of type 1 diabetes?