

2014 LRSEF SENIOR DIVISIONAL WINNERS

Animal Sciences

1st Prize

EnEnergy Drinks And Worms
Sydnee Bradley
Ballard High School

2nd Prize

The Effect of Caffeine on Sea Monkeys
Sydney Rudolf
Ballard High School

3rd Prize

Cricket Chirps vs. Temp
Sara Pierce
Ballard High School

Behavioral & Social Sciences

1st Prize

The Emotional Effect of Music
Olivia Garlt
Ballard High School

2nd Prize

The Impact of Group Size and Social Relationship on the Actions of a Bystander
McKenzie Ballard
Ballard High School

3rd Prize

The Halo Effect
Madison Von Deylen
Ballard High School

Biochemistry

1st Prize

The power of Nanotechnology
Shreeyanka Luitel
Ballard High School

Biochemistry

2nd Prize

Vacuolar ATPase in Breast Cancer Metastasis

Steven St Clair
Ballard High School

3rd Prize

Denaturalization of proteins
Prateek Katta
North Oldham High School

Cellular & Molecular Biology

1st Prize

Digitalis in Breast Cancer: Good or Bad?
Syeda Khundmiri
Ballard High School

2nd Prize

Can Hepatotoxicity be Predicted by Using Structure-Activity Relationship Models
Hiba Abbas
Ballard High School

3rd Prize

Effect of Heme Oxygenase -1 on Mitoses of Adult Cardiac Stem Cells in Cardiac Stem Cell
Therapy
Landys Guo
Kentucky Country Day

Chemistry

1st Prize

Dissolving Ibuprofen: Which liquid ensures quick relief?
Madison Benton
Ballard High School

2nd Prize

Effects of Acids and Bases on Steel
Nicholas Rogers
Ballard High School

3rd Prize

Double Stuf Me!!
James Scharff
Ballard High School

Computer Science

1st Prize

Can The Mind and Body Be Trained Using Virtual Reality?
Nicholas McClure
Ballard High School

2nd Prize

How Intelligent is Artificial Intelligence?
Caroline Clark
Ballard High School

Earth and Planetary Science

1st Prize

Bioluminescence - Impact of Light Variance on Dinoflagellates
Alexis Sachleben
Ballard High School

2nd Prize

Measuring Skyglow in Louisville Kentucky
Olivia Outlaw
Ballard High School

3rd Prize

Which camouflage will blend in best during early october
Blake Heckman
Ballard High School

Energy & Transportation

1st Prize

Road vs. Rail
Elisa Wydotis
Ballard High School

2nd Prize

Finding the Best Bioethanol Source
Amanda White
Ballard High School

3rd Prize

Atmospheric absent magnetic levitation Transportation system
Joseph Estephane
Portland Christian School

Engineering: Electrical & Mechanical

1st Prize

Trebuchet Arm Lengths
Kelsey Shanrock
Ballard High School

2nd Prize

Current in waves
Henry Brun
Ballard High School

3rd Prize

Building a Coin Battery
Glenn Schultz
Ballard High School

Engineering: Materials & Bioengineering

1st Prize

Field Hockey Sticks: How Materials Affect Performance
Cate McShane
Ballard High School

2nd Prize

How Do the Materials in Golf Balls Affect How Far They Travel?
Andrea Pignato
Ballard High School

3rd Prize

Bullet Penetration and Expansion
Audrey Hixenbaugh
Ballard High School

Environmental Management

1st Prize

Energy-from-Waste (EfW): The Trashy Solution to a Global Problem
Ellen Tyra
Ballard High School

2nd Prize

The Effects Of Soil when Filtering Pollutants
Madeline Burch
Ballard High School

3rd Prize

Oil Spills: What is the best way to clean them up

Aaron Burns

Ballard High School

Environmental Sciences**1st Prize**

Grow Green

Emma Landherr

Ballard High School

2nd Prize

Isopods and Preferred pH Environment

Taylor Hensley

Ballard High School

3rd Prize

How "Green" are "Green" detergents

Andrew Segal

Ballard High School

Mathematical Sciences**1st Prize**

Are Student Who Play Chess Better In Logical Thinking?

Benjamin Kantardzic

Ballard High School

2nd Prize

The Birthday Paradox

Abigail Goldberg

Ballard High School

3rd Prize

Does playing chess make the grade?

Marshall Smith

Ballard High School

Medicine and Health Sciences**1st Prize**

Hydrogen Sulfide Ameliorates Hearing Loss After Ischemic Stroke

Chitra Kumar

Ballard High School

2nd Prize

Can You Really Keep A Tune?

Nicole Weber

Ballard High School

3rd Prize

Are Fingerprints Inherited?

Claire Scott

Ballard High School

Microbiology**1st Prize**

A Comparison between BustinJunch and Kimya, Two Newly Discovered Mycobacteriophages

Justin Bunch

Erin Burba

The Carol Martin Gatton Academy of Mathematics and Science in Ke

2nd Prize

How often should contact solution be changed?

Lindsey Hafling

Ballard High School

3rd Prize

Hand Soap vs. Hand Sanitizer

Tristan Thrailkill

Ballard High School

Physics and Astronomy**1st Prize**

The Effects of White Noise on Reading Speed

William Brennan

Ballard High School

2nd Prize

How Far Will A Soccer Ball Travel At Different Air Pressures

Madison Stewart

Ballard High School

3rd Prize

Colorblindness in Men and Women

Mikah Goins

Ballard High School

Plant Sciences

1st Prize

Growing Lettuce with Vitamins

Griffin Fleischaker

Ballard High School