

LRSEF - High school - Special Awards

Amer. Assoc. of Dental Resch; Lvl Dental Soc; UofL - SAW1B - Junior Winner \$100 each student, \$100 each school, certificate, dinner w/ Louisville Dental Society

Dental Science Award

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

American Chemical Society - SAW2A - Invitation to ACS section Awards & Recognition Reception.

First Place Chemistry Project

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

American Chemical Society - SAW2B - Invitation to ACS section Awards & Recognition Reception.

Second Place Senior Chemistry Project

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

American Chemical Society - SAW2C - Invitation to ACS section Awards & Recognition Reception.

Third Place Senior Chemistry Project

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

American Society of Civil Engineers - SAW3B - 1 Certificate + \$25

Awarded to the project best depicting the civil engineering profession

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

ASU Walton Sustainability Solutions Initiatives - NAT5 - 2 Certificates and nomination to submit for the Grand Prize, a trip to Arizona for the 2016 Sustainability Solutions Festival. Winning entry must be mailed by May 1, 202106 to be considered for the Grand Prize

Winners selected from any category and should convey intent in their research to solve a complex problem that involves social justice, environmental and economic prosperity.

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

Bluegrass Food Technology Group - SAW5A - Certificate + \$100

No restrictions on categories. Top Science Fair Projects that is related to Food

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

Bluegrass Food Technology Group - SAW5B - Certificate and \$50 Cash Award

2nd place Science Fair Project that is related to Food

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

Delta Kappa Gamma, International, Averitt Express - SAW6B - Certificate + \$30 Senior

Available across any category, transportation preferred.

Trent Arington - VALLEY HIGH SCHOOL
Calorie Discrepancies

Delta Kappa Gamma, International, Community North - SAW7B - Certificate + \$30 Senior

Awarded across any category, focusing on medicine and health

Zayna Qaissi - EASTERN HIGH
Organisms VS Microwave Radiation

Delta Kappa Gamma, International, Theta Chapter - SAW10B - Certificate + \$30 Senior

Awarded across any category

Myrrakal Crawley - CENTRAL HIGH SCHOOL
Are Composite Faces More Attractive?

Environmental Innovation Award - SAW30 - \$50 award plus certificate

Isabel Ilari - Ballard High School Science & Engineering Fair
Bubbling for Bleach: Using Electrolysis with a Solar Cell to Build a Bleach Generator to Disinfect Drinking Water

GE APAF- Clear Thinker Award - SAW12B - Certificate + \$100 Senior

Awarded to project that demonstrates clear understanding of the problem with conclusions drawn from competent research and observations and clearly communicated by presenter. Preferred Categories: Engineering, Computer Science, Physics, and Chemistry

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

GE Best of Fair Award - Senior - SAW25 - Certificate and \$420 each

Top 4 Senior Division Project

Joshua Jacob - ST. XAVIER HIGH SCHOOL

Development of a Hybrid Inkjet 3D Printer: a Novel Approach to 3D Printing Conductive Architectures and Flexible Electronics

Sydney Kessler - Ballard High School Science & Engineering Fair

How Does a Gravel Seafloor Versus a Sand Seafloor Effect the Wave Velocity of a Tsunami?

William Schuhmann - Ballard High School Science & Engineering Fair

Vapor Propelled Marangoni Effect

Shruti Wadhwa - Kentucky Country Day

Analysis of different Nrf2 inducers on reversal of stress-induced changes in renal tubule cells

Gibson Family Award - SAW27B - \$50 Award plus certificate

Brandon McClain - CENTRAL HIGH SCHOOL

Sense Recognition

Jasmine Scott, Lima Alokozai - CENTRAL HIGH SCHOOL

Does Colored Paper Effect Test Scores?

Hexion Speciality Chemicals - Community Impact - SAW13B - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.

Alexis Sachleben - Ballard High School Science & Engineering Fair

Alternate Energy Technology in Reef Preservation

Hexion Speciality Chemicals - Creative Award - SAW13D - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.

Isabel Ilari - Ballard High School Science & Engineering Fair

Bubbling for Bleach: Using Electrolysis with a Solar Cell to Build a Bleach Generator to Disinfect Drinking Water

I-SWEEP - NAT9 - Invitation to attend the annual International Sustainable World Project Olympiad (I-SWEEP). Prize includes hotel accommodations, breakfasts, and field trip costs during the fair for student and 1 adult supervisor (parent or teacher)

Special award that display outstanding work in the theme of environmental sustainability and innovation.

Sophia Sodano - Ballard High School Science & Engineering Fair

Biodegradable spoons

Intel Science Talent Search - NAT8 - Invitation to apply for a free trip to annual INTEL Science & Engineering Fair

Top best 11th grade projects

Sherafghan Khan - GATTON ACADEMY OF MATHEMATICS AND SCIENCE

Isolation and Characterization of Novel Bacteriophage Flare16

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

Shruti Wadhwa - Kentucky Country Day

Analysis of different Nrf2 inducers on reversal of stress-induced changes in renal tubule cells

Jefferson County Conservation District - SAW29C - \$100 award.

Environmental Science

Maggie Wydotis - Ballard High School Science & Engineering Fair
Levels of Contamination of Different Drinking Water Sources

Kentucky Society of Professional Engineers - SAW18 - Certificate + \$50

Awarded across any category for projects exhibiting excellence in the engineering fields.

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

KY Chapter of Certified Hazardous Materials Mang. - SAW14 - Certificate + \$400

Awarded across any category.

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

Louisville Tropical Fish Fanciers - SAW19 - Two \$25 awards, Junior or Senior

Awarded across any category.

Andrew Segal - Ballard High School Science & Engineering Fair
Algae levels in Beargrass Creek

Louisville Water Company - SAW20 - \$200 plus a certificate.

Awarded across any category that exhibits a knowledge of water quality.

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

Mu Alpha Theta, The Honorary Mathematics Society - NAT10 - Certificate

Awarded to individual or group project demonstrating the most challenging, original, thorough, and creative investigation of a problem involving mathematics accessible to a High School student.

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

NASA Earth Systems Science Award - NAT11 - Certificate

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

National Oceanic and Atmospheric Assoc. (NOAA) - NAT12 - Letter, certificate, and NOAA medallion

Award will go to one individual (middle or high school) selected from among all general award categories whose research emphasizes NOAA's mission of Science, Service, and Stewardship in climate, weather, ocean and coastal sciences.

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

Office of Naval Research - NAT13B - Senior: Certificates, medallions and \$50 gift cards.

Naval Science Award given to projects competing as individuals only. Up to 3 senior and 3 junior award winners

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

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

Carly Schwartz - Ballard High School Science & Engineering Fair
The Effect of Fabric Softener on Fire-Resistant Polyester Children's Pajamas

Sigma Xi - SAW31 - \$100 + Certificate + Subscription to American Scientists Magazine + Invitation to Awards Dinner

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

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

Society for In Vitro Biology - NAT15 - Certificate

Winner must be in 11th grade with an exhibit in the area of plant or animal in vitro biology or tissue culture.

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

Stockholm Junior Water Prize - NAT16 - 3 regional certificates and nominations for the state SJWP Competition

Water prize certificates are awarded to the US high school student, age 15-20 and presently in 9-12 grades displaying the best water-related high school science projects.

Sydney Kessler - Ballard High School Science & Engineering Fair

How Does a Gravel Seafloor Versus a Sand Seffloor Effect the Wave Velocity of a Tsunami?

U.S. Fish & Wildlife Service - SAW24B - Plaque

Awarded across any category but focusing on the environment and conservation.

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

US Air Force - NAT17 - N/A

N/A

Prateek Katta - NORTH OLDHAM HIGH SCHOOL
A Viable Way to Test Cancer Treatments and Causes
Laziz Muradov - Ballard High School Science & Engineering Fair
Transferring energy with the use of high frequency microwave radiation

US Metric Association - NAT18 - Certificate

Any project which involves measures and expresses those measures consistently and correctly in SI metric. Project which uses a variety of metric units for different kinds of measures would be better choice than one which only uses centimeters to measure lengths or litres for volumes. Units of older (non-SI) metric systems are NOT acceptable (e.g. mmHg, cmHG, milibars, calories, kilocalories).

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

Yale Science & Engineering Association - NAT19 - Certificate

Awarded to 11th grade winner in the Computer Science, Engineering, Physics or Chemistry Category.

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