

LRSEF - Middle School - Special Awards

"Do Science" Award - SAW025 - Family membership to the KY Science Center.

Presented By : KY Science Center

Kentucky Science Center will award the "Do Science" special award to fun project that best exemplifies our spirit. This is a family membership printed up on a certificate. I will be sure it gets to Special Awards on Friday 3/1/19. I will instruct our in-gallery team to select this winner.

Jack Mulvihill - Saint Francis of Assisi, Louisville
Using Kentucky Native Plants to Create Bioplastics

Amazon Innovation Award - SAW30A

Makhtar Ndiaye - Newburg Middle School
Drawbot: The Art of a Perfect Circle.

American Chemical Society - SAW002D - Certificate only. Juniors get to go to banquet.

First place

Jack Mulvihill - Saint Francis of Assisi, Louisville
Using Kentucky Native Plants to Create Bioplastics

American Chemical Society - SAW002E - Certificate only

Second place

Margaret Beatty - Saint Francis of Assisi, Louisville
Does Commercial Pesticide Use Impact Trypsin Activity

American Chemical Society - SAW002F - Certificate only

Third place

Fiona Gallagher - Saint Francis of Assisi, Louisville
Use of Leaf Litter for the Production of Ethanol

American Meteorological Society - NAT001A - Certificate and name in magazine

Winning projects should be limited to the atmospheric and related oceanic and hydrologic sciences. Summary of winners e-mailed to the AMS sciencefair@ametsoc.org by Aug. 1

Caroline Row - Noe Middle
How water temperature and density affect the intensity of a model hurricane.

American Psychological Association - NAT002 - Certificate

Special award recognizing outstanding research in psychological science

Shayla Reynolds - Brown School Science Fair
Effect of Time on Reading Comprehension

American Society of Civil Engineers - SAW003A - 1 Certificate + \$25

Awarded to the project best depicting the civil engineering profession

Julianne Stiles - Saint Bernard Elementary
A Drop of Water

Association for Women Geoscientists - NAT004 - Certificate

Award to female student whose project exemplify high standards of innovativeness and scientific excellence in the geosciences.

Maia Kuehne-Seeber - Saint Francis of Assisi, Louisville
Fractal Faults And Seismic Loading

Bluegrass Section - Institute of Food Technologists - SAW005B - Certificate and \$100 Cash Award

2nd place Science Fair Project that is related to Food

Maxwell Holtgrave - Saint Francis of Assisi, Louisville
Exploring the Effect of Heat on Omega-3 Fish Oils

Bluegrass Stars Section, Mercedes-Benz Club of America - SAW021A - Certificate + \$100 + Invitation to Technical Session with the Club

Automotive Science Award

Mary Ballantine - Saint Francis of Assisi, Louisville
Automotive Exhaust: A Selective Environment for Bacteria

Broadcom Masters - NAT006 - Broadcom Masters Nominee with opportunity to apply for entry into national competition to win a trip and up to \$25,000

Top 10% of junior division projects nominees for the Broadcom National competition in Washington D.C and a chance to win a trip and up to \$25,000

Vedha Balamurugan - North Oldham High School
A new trend of type 2 diabetes in children: Genetic factors and improved treatment options

Mary Ballantine - Saint Francis of Assisi, Louisville
Automotive Exhaust: A Selective Environment for Bacteria

Margaret Beatty - Saint Francis of Assisi, Louisville
Does Commercial Pesticide Use Impact Trypsin Activity

Lilia Biagi - Saint Francis of Assisi, Louisville
Electric Field Remediation of Microfiber Pollution

Ella Diehl - Saint Francis of Assisi, Louisville
Exploring Noise Pollution Stress in Pollinators

Mattie Diehl - Saint Francis of Assisi, Louisville
Preventing Honeysuckle Invasion Using Kentucky Native Allelopathic Plants

Samuel Flynn - Saint Francis of Assisi, Louisville
Thermoelectric Potential of Asphalt

Nick Harshaw - Louisville Montessori
Atmospheric Carbon Dioxide and Its Effect on the pH of Natural Water Systems

Teklu Hemme - Saint Francis of Assisi, Louisville
Acoustic Levitation

Maia Kuehne-Seeber - Saint Francis of Assisi, Louisville
Fractal Faults And Seismic Loading

Brent Merrigan - Saint Francis of Assisi, Louisville
MedNotify

Jack Mulvihill - Saint Francis of Assisi, Louisville
Using Kentucky Native Plants to Create Bioplastics

Henry Murr - Saint Francis of Assisi, Louisville
Noninvasive Drug Testing via Raspberry Pi

Katie Quinn - Saint Francis of Assisi, Louisville
Exploring the Impact of Atrazine on Childhood Learning

Micah Steineker, Peter Kurto - North Oldham Middle School
Military Workload Robot

Isaac Stroud - Saint Francis of Assisi, Louisville
Creating Novel Fire Retardants

Churchill Downs Engineering Award - SAW007B - \$50 - Middle School

LRSEF to write check

Ann-Leigh Cissell - Carrithers Middle School
Fatal Equine Diseases

Delta Kappa Gamma - SAW010G - \$25 + Certificate Junior

Jennifer brings cash

Ashley Lawson - Newburg Middle School
Algorithms of a Rubik Cube

Delta Kappa Gamma - SAW010H - \$25 + Certificate Junior

Jennifer brings cash

Kelsey House - Carrithers Middle School
Social Media and its affect on middle school behavior

Delta Kappa Gamma - SAW010I - \$25 + Certificate Junior

Jennifer brings cash

Hansel Kim - Carrithers Middle School
How to outsmart a smart key.

Delta Kappa Gamma - SAW010J - \$25 + Certificate Junior

Jennifer brings cash

Kevin Stone - Carrithers Middle School
Kevin's Soccer Experiment

Delta Kappa Gamma - SAW010K - \$25 + Certificate Juinor

Jennifer brings cash

Matthew Burns - Walden School
Rocket Aerodynamics

Delta Kappa Gamma - SAW010L - \$25 + Certificate Junior

Jennifer brings cash

Brandon Halstead - Carrithers Middle School
It's a Hard Drive Life

Delta Kappa Gamma - SAW010M - \$25 + Certificate Junior

Jennifer Brings Cash

JD Wiegand - Carrithers Middle School
Are You Protected?

Delta Kappa Gamma - SAW010N - \$25 + Certificate Junior

Jennifer Brings Cash

Cearra Miles - Carrithers Middle School
The Negatives of Social Media

GE APAF - Clear Thinker Award - SAW012A - Certificate + \$100 Junior

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
SWETHA SENTHIL NATHAN - Noe Middle
Smart Street Light

Gibson Family Award - SAW011A - \$50 plus certificate to middle school student

LRSEF to write check
Julieanne Stiles - Saint Bernard Elementary
A Drop of Water

Gibson Family Award - SAW011B - \$50 plus certificate for middle school

LRSEF to write check
Marianna Grabova - North Oldham Middle School
Electric vs. Manual Toothbrush Efficiency

Hexion, Inc. - Community Impact award - SAW013A - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.
Jack Mulvihill - Saint Francis of Assisi, Louisville
Using Kentucky Native Plants to Create Bioplastics

Hexion, Inc. - Creative award - SAW013C - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.
Krish Gupta - Anchorage Independent Public School
Harmful Algal Blooms (HABs): Studying the Impact of N, P, K Fertilizer Run-Off on Aquatic Biota

Jefferson County Conservation District - SAW014A - 1st place (\$200)

Env. Science awards
Emmy Murphy - Saint Francis of Assisi, Louisville
Does No-till Farming Affect Soil Organic Matter

Jefferson County Conservation District - SAW014B - 2nd place - \$150 award

Env. Science
Mattie Diehl - Saint Francis of Assisi, Louisville
Preventing Honeysuckle Invasion Using Kentucky Native Allelopathic Plants

Jefferson County Conservation District - SAW014C - 3rd place - \$100 award

Environmental Science
Madison Bailey - The Montessori School of Louisville
Water Pollution vs Plant Growth

Kentucky Gas Association - SAW015A - Certificate + \$50 any grade LRSEF to write check.

Awarded across any category for projects related to the natural gas industry including safety, corrosion, etc.
Fiona Gallagher - Saint Francis of Assisi, Louisville
Use of Leaf Litter for the Production of Ethanol

Kentucky Gas Association - SAW015B - Certificate + \$50 any grade LRSEF to write check

Awarded across any category for projects related to the natural gas industry including safety, corrosion, etc.
Mary Jane Tevis-Orona - Carrithers Middle School
Rust removal with electrolysis

KFC Be Original award - SAW042A - Gift basket

Most original projects across any category
Mattie Diehl - Saint Francis of Assisi, Louisville

KFC Be Original award - SAW042C - Gift basket

Most original project awarded across any category.

Vedha Balamurugan - North Oldham High School

A new trend of type 2 diabetes in children: Genetic factors and improved treatment options

KFC Be Original award - SAW042D - Gift Basket

Most original project awarded across any category.

Kevin Brothers - Saint Francis of Assisi, Louisville

Programming Autonomous Vehicles to Make Ethical Decisions

KFC Be Original award - SAW042F - Gift Basket

Most original project awarded across any category.

Brooklyn Pizzonia - Saint Francis of Assisi, Louisville

Carnivorous Plants: a Novel solution to Gluten Intolerance

KFC Be Original award - SAW042G - Gift Basket

Most original project awarded across any category.

cooper osborne - Saint Francis of Assisi, Louisville

Electromagnetic Fields: A shield against cosmic radiation?

KFC Be Original award - SAW042H - Gift Basket

Most original project awarded across any category.

Jack Mulvihill - Saint Francis of Assisi, Louisville

Using Kentucky Native Plants to Create Bioplastics

KFC Be Original award - SAW042J - Gift Basket

Most original project awarded across any category.

Oliver Carmack - Saint Francis of Assisi, Louisville

Biodegradable Plastics

KY Chapter of Air & Waste Management Association (KY-AWMA) - SAW016A - \$100 plus certificate

Awarded across any category in field of waste management

Fiona Gallagher - Saint Francis of Assisi, Louisville

Use of Leaf Litter for the Production of Ethanol

Lemelson Early Inventor Prize - NAT007-1 - Certificate and \$100

Presented By : ISEF

Prize is to be given to 6-8 grader that meets the invention award criteria. See judging information.

Liam Kirby - Saint Francis of Assisi, Louisville

Wearable Air Quality Sensor

Louisville Chapter of the Society for Neuroscience - SAW019 - Prize of \$100. We would also invite the winner to present the poster at our 27th annual Neuroscience Day at the UofL to be held on April 13th.

Savannah Townsley - Carrithers Middle School

What a Pain!

Louisville Dental Society, UofL School of Dentistry, - SAW001B - Junior Winner \$150 for the student(s)

Presented By : and Louisville Section of the American Assoc. for Dental Research

Dental Science Award

Marianna Grabova - North Oldham Middle School
Electric vs. Manual Toothbrush Efficiency

NASA Earth Systems Science Award - NAT011 - Certificate

Nick Harshaw - Louisville Montessori
Atmospheric Carbon Dioxide and Its Effect on the pH of Natural Water Systems

Office of Naval Research - NAT013A - Junior: Certificate and medallion

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

Liv Ashley - Saint Francis of Assisi, Louisville
Exploring the Possible Impact of Actaminophen on Developing Brains

Annabel Bryant - Saint Francis of Assisi, Louisville
Exploring the Potential Antimicrobial Abilities of *S. Canadensis*

Teklu Hemme - Saint Francis of Assisi, Louisville
Acoustic Levitation

Ricoh Americas Corporation - NAT014 - Certificate

Awarded to project that have principles & technical innovations that offer the greatest potential for increasing our ability to grow environmentally friendly & socially responsible businesses. Project must also protect the environment & conserve resources, pollution prevention, and use all resources in a more sustainable business matter.

Fiona Gallagher - Saint Francis of Assisi, Louisville
Use of Leaf Litter for the Production of Ethanol

Success Through STEM - SAW024

Presented By : Aimee Turner

\$50 plus attending presentation workshop

Erika Graham - Saint Francis of Assisi, Louisville
Is there a between fly ash and thyroid cancer incidents

U.S. Air Force - NAT017C - certificate

Middle or High school project

Mahasen Alsaadi - Nur Islamic School of Louisville
Using Muscles to Allow Robots to Detect Objects at a Distance

U.S. Air Force - NAT017D - certificate

Middle or High school project

Leo Reinhart - Saint Francis of Assisi, Louisville
Designing an Eco-Friendly Wind Turbine

U.S. Fish & Wildlife Service - SAW034A - Junior Award Plaque

Presented By : Bob Herndon

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

Leo Reinhart - Saint Francis of Assisi, Louisville
Designing an Eco-Friendly Wind Turbine

Women Environmental Leaders of Louisville (WELL) - SAW040A - \$TBD + Certificate Junior

GALS - Girls Achieving Leadership through Science

Lilia Biagi - Saint Francis of Assisi, Louisville
Electric Field Remediation of Microfiber Pollution