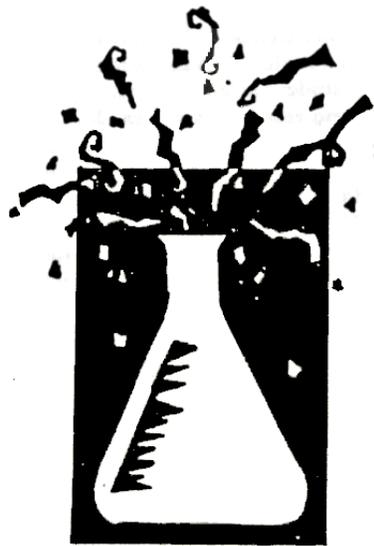


THE 56TH ANNUAL OZARKS SCIENCE & ENGINEERING FAIR

HAMMONS STUDENT CENTER
MISSOURI STATE UNIVERSITY

March 29 – March 31, 2016



2016 WINNERS

Sponsored By:

Missouri State University – College of Natural & Applied Sciences
Missouri State University Foundation
Associated Electric Cooperative, Inc.
Schneider Foundation
Rodney & Cheryl Wrinkle



MASTER OF CEREMONIES

MICHELLE NORNGREN
EXECUTIVE DIRECTOR
OZARKS SCIENCE & ENGINEERING FAIR

DR. KEN VOLLMAR
DEPARTMENT OF COMPUTER SCIENCE
COLLEGE OF NATURAL & APPLIED SCIENCES
PRESENTER OF AWARDS

DR. TOBY DOGWILER
DEPARTMENT OF GEOGRAPHY, GEOLOGY, AND PLANNING
COLLEGE OF NATURAL AND APPLIED SCIENCES
PRESENTER OF AWARDS



OSEF COMMITTEE MEMBERS

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ELEMENTARY FAIR:	LACEY GEIGER
MEMBERS AT LARGE:	SAMANTHA COOPER
PLACEMENT AWARDS:	BEN DALTON
SPECIAL AWARDS:	MICHELLE NORNGREN
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	DENISE VINTON
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	MICHELLE NORNGREN



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BRIAN HIGH, CHEMISTRY
DR. CARLY YADON, HUMAN BEHAVIOR
DR. MICHAEL PFANDER, DVM, NONHUMAN VERTEBRATES



SENIOR DIVISION GRAND PRIZE WINNERS & ALTERNATES

(Grand Prize Awards Sponsored by: Rodney and Cheryl Wrinkle, Schneider Foundation & Associated Electric Cooperative, Inc. - includes plaques & trip to the Intel International Science & Engineering Fair for the Grand Prize Winners.)

GRAND PRIZE

Mikayla Allen
The Effect of Excitotoxicity on Amyotrophic Lateral Sclerosis
Thayer High School
Adrick Miller

GRAND PRIZE

Jesse Paxton
Accuracy of Google Translate with American High School Vocabulary
Greenwood Laboratory School
Denise Vinton

1st ALTERNATE

Maya Hudson
The Effect of Wraps on the Angle of Horses' Fetlock Joints
Greenwood Laboratory School
Denise Vinton

2nd ALTERNATE

George Chen
How Does Treating Wood with Different Liquids Affect the Wood's Strength?
Greenwood Laboratory School
Denise Vinton

JUNIOR DIVISION GRAND PRIZE WINNERS

(Plaque to each Junior Grand Prize Winner & Teacher)

GRAND PRIZE

Abby Cardone
Egg Beats
St. Agnes Middle School
Lynn Vogel

ALTERNATE

David Wells
A Method of Lunar Construction Using In-Situ Materials
Pershing Middle School
Jeffrey Wells

MAJOR SPONSORS

MISSOURI STATE UNIVERSITY – COLLEGE OF NATURAL & APPLIED
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2016 AWARDS AND SPONSORS

AMERICAN METEOROLOGICAL SOCIETY
AMERICAN PSYCHOLOGICAL
ASSOCIATION
THE AMERICAN SOCIETY OF
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ASSOCIATION OF WOMEN GEOSCIENTISTS
BAKER CHAIR OF INSURANCE/GAMMA
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THE LAWRENCE E. BANKS, JR., MEMORIAL
AWARD
BROADCOM MASTERS
CITY OF SPRINGFIELD – ENVIRONMENTAL
SERVICES DIVISION
COMMUNITY FOUNDATION OF THE
OZARKS
CREATIVE RESEARCH FOR IN VITRO
BIOLOGY
GREATER OZARKS AUDUBON SOCIETY
GREENE COUNTY RESOURCE
MANAGEMENT
INTEL
MASTER NATURALISTS
MISSOURI DEPARTMENT OF
CONSERVATION
MISSOURI SOCIETY OF PROFESSIONAL
ENGINEERS, OZARKS CHAPTER
MISSOURI STATE UNIVERSITY COLLEGE OF
NATURAL & APPLIED SCIENCES
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DEPARTMENT OF BIOLOGY

MISSOURI STATE UNIVERSITY
DEPARTMENT OF GEOGRAPHY,
GEOLOGY, AND PLANNING
THE LOU & NADINE MOORE MEMORIAL
AWARD
MU ALPHA THETA MATHEMATICS HONOR
SOCIETY
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION
NATIONAL OCEANIC & ATMOSPHERIC
ADMINISTRATION
OZARKS SCIENCE & ENGINEERING FAIR
THE MARY JEAN PLASTER MEMORIAL
AWARD
THE ROBERT W. PLASTER MEMORIAL
AWARD
RICOH CORPORATION
THE REGIONAL FAIR DIRECTOR EMERITUS
“SYLVIA SPEAR” AWARD
SCHNEIDER FOUNDATION
STOCKHOLM JUNIOR WATER PRIZE
THE JAMES K. TICE MEMORIAL TEACHER
AWARD
UNITED HEALTHCARE
UNITED STATES AIR FORCE
UNITED STATES METRIC ASSOCIATION
UNITED STATES NAVY
WOMEN IN SCIENCE
YALE SCIENCE & ENGINEERING
ASSOCIATION

THE 2016 JUNIOR DIVISION



PLACEMENT AWARD WINNERS!

JUNIOR DIVISION PLACEMENT AWARDS

BEHAVIORAL AND SOCIAL SCIENCES

- 1st Place: Elizabeth Morrissey
Right Hand vs Left Hand
Laura Stroup
The Summit Prep
- 2nd Place: Tristen Noe
The Stroop Effect
Taylor Blankenship
Mountain Grove MS
- 3rd Place: Nate DeVoss
Melody and Memory
Lynn Vogel
St. Agnes MS
- 4th Place: Bethany Moore
Highlighting: Does It Make
Students Brighter?
Laura Stroup
The Summit Prep

BIOCHEMISTRY

- 1st Place: Kyler McGulgan
Brandon Woods
Got Calcium?
Kara Shiveley
Willard MS
- 2nd Place: Rhett Wakefield
Electrolyte Challenge:
Orange Juice vs Sport
Drink
Jessica Schober
Mountain Grove MS
- 3rd Place: Hudson Aikins
Nicoli Condon
Eye See Colors
Kailey Bridges
Marshfield Junior High
- 4th Place: Ashton Contreeras
The Effect of Soil on
Decomposition
Aletha Rogers
Norwood R-1

BOTANY

- 1st Place: Alyssa Harrington
Effect of the Quantity of
Fertilizer on Plant Growth
Ryan Curtis
Manes R-5

BOTANY (cont.)

- 2nd Place: Madison Rues
Which Antocyanin Rich
Fruit Will Produce the
Most Electricity?
Miriam Jump
St. Joseph Academy
- 3rd Place: Joseph Tetlow
Plants 101
Jody Telow
Health Sciences Academy
- 4th Place: Cooper Johnson
Plants Grown Inside
Potatoes
Laura Stroup
The Summit Prep

CHEMISTRY

- 1st Place: Heidi Duarte
Is There Lead in Mexican
Candy?
Miriam Jump
St. Joseph Academy
- 2nd Place: David Shimizu
Sugar Rush
Laura Stroup
The Summit Prep
- 3rd Place: Allie German
Chloe Sutherland
How to Put the "Pee" in
Polymer
April Thompson
Pleasant View MS
- 4th Place: Connor Brown
Wood Heat
Kara Shively
Willard MS

COMPUTER SCIENCE

- 1st Place: Haylie Garrison
Effect of Interference on
Wi-Fi Strength
Ryan Curtis
Manes R-5
- 2nd Place: Izaak Turner
Time of Charge on
Battery Strength
Ryan Curtis
Manes R-5

COMPUTER SCIENCE (cont.)

- 3rd Place: Max Depperschmidt
Walling Wi-Fi
April Thompson
Pleasant View MS
- 4th Place: Memerie Choate
Effect of Wavelength on
Amount of Energy a Solar
Panel Produces
Ryan Curtis
Manes R-5

EARTH & SPACE

- 1st Place: Timothy Harrington
Effect of Soil Type on
Riverbed Erosion
Ryan Curtis
Manes R-5
- 2nd Place: Vanessa Lampley
Moon Bait
Kailey Bridges
Marshfield Junior High
- 3rd Place: Mikaya Kelley
Prevent Erosion
Jessica Schober
Mountain Grove MS
- 4th Place: Christopher Edwards
The Effects of Weather
Prediction Method on
Accuracy of Weather
Prediction
Aletha Rogers
Norwood R-1

ENGINEERING

- 1ST Place: David Wells
A Method of Lunar
Construction Using In-Situ
Materials
Jeffrey Wells
Pershing MS
- 2nd Place: Gracie Stine
Which Fruit Produces the
Most Volts?
Jessica Schober
Mountain Grove MS
- 3rd Place: Hayden Simmons
Angelina Anderson
The Winds of Change
Kara Shiveley
Willard MS

JUNIOR DIVISION PLACEMENT AWARDS

ENGINEERING (cont.)

4th Place: Julius Thomas
Effect of Soil Types on
Bearing Capacity
Ryan Curtis
Manes R-5

ENVIRONMENTAL

1st Place: Kayla Cotter
Concentrate on
Amphipods
Lynn Vogel
St. Agnes MS

2nd Place: Brooklyn Williams
Comfort vs Convenience
Aaron Tillman
Marshfield Junior High

3rd Place: Sierra Cornelison
The Effect of Mycorrhizal
Fungi on Biomass
Aletha Rogers
Norwood R-1

4th Place: Justin Chadwell
The Effects of the
Purification Method on
Total Dissolved Solids
Aletha Rogers
Norwood R-1

MATH

1st Place: Daphne Boggs
Cole Hartman
Are You Golden?
Aaron Tillman
Marshfield Junior High

2nd Place: Shane Walters
How Different Baseball
Stadiums Affect Batting
Averages
Jessica Schober
Mountain Grove MS

3rd Place: Abbie Mellington
The Fibonacci Sequence
in Arms
Kailey Bridges
Marshfield Junior High

MEDICINE & HEALTH

1st Place: Taylor Russell
Balloon Science
Lynn Vogel
St. Agnes MS

2nd Place: Nathan Good
The Bitter Truth:
Comparing Male and
Female PTC Phenotype
Laura Stroup
The Summit Prep

3rd Place: Kristy Branstine
Abbie Bernelis
The Effect of Green Tea
on the Breakdown of
Starch
Kara Shiveley
Willard MS

4th Place: Kayla Rumley
Comparing the
Sweetness of Sugar and
Sugar Substitutes
Miriam Jump
St. Joseph Academy

MICROBIOLOGY

1st Place: Evan Mason
Paper Towel Terror
Laura Stroup
The Summit Prep

2nd Place: Gabe Rouch
Charles Fuller
Ultraviolet Germicide
Kara Shiveley
Willard MS

3rd Place: Laci Ipock
The Effect of Stethoscope
Location on Bacterial
Colony Growth
Aletha Rogers
Norwood R-1

4th Place: Asia Wurner
Mummification
Taylor Blankenship
Mountain Grove MS

PHYSICS

1st Place: Alex Herrell
That's Stretching It
Lynn Vogel
St. Agnes MS

2nd Place: Ayden Rouse
The Bank is Open
Aaron Tillman
Marshfield Junior High

3rd Place: Robert Smith
The Incredible Edible Egg
April Thompson
Pleasant View MS

4th Place: Abigail Brengle
The Effects of Salt Brine
Beet Juice on the
Freezing Point of Water
Aletha Rogers
Norwood R-1

ZOOLOGY

1st Place: Abby Cardone
Egg Beats
Lynn Vogel
St. Agnes MS

2nd Place: Dylan Calhoun
The Effects of Deer
Attractant on White Tail
Deer
Aletha Rogers
Norwood R-1

3rd Place: Lauryn Justiss
Effects of Caffeine on
Brine Shrimp
Mariam Jump
St. Joseph Academy

4th Place: Katie Rumpf
Lighting Up Worms
Ryan Curtis
Manes R-5

THE 2016 SENIOR DIVISION



PLACEMENT AWARD WINNERS!

SENIOR DIVISION PLACEMENT AWARDS

BEHAVIORAL AND SOCIAL SCIENCES

1st Place: Jesse Paxton
Accuracy of Google
Translate with
American High School
Vocabulary
Denise Vinton
Greenwood Lab

2nd Place: Deric Jones
The Effects of
Chewing Gum on
Memory
Tabitha Shaver
Hartville HS

3rd Place: Treavor Engleman
Is Procrastination
Really That Bad?
Denise Vinton
Greenwood Lab

4th Place: Broc Arnall
The Effects of Music
Genre on
Concentration
Tabitha Shaver
Hartville HS

BOTANY

1st Place: Junvon Park
Effects of Ascorbic
Acid and Sodium
Hypochlorite
Denise Vinton
Greenwood Lab

2nd Place: Lorissa Ellis
Effects of Iron on Plant
Growth
Tabitha Shaver
Hartville HS

3rd Place: Alyssa Presley
How Color of Light
Affects Plant Growth
Joe Davis
Parkview HS

ENGINEERING

1st Place: George Chen
How Does Treating
Wood With Different
Liquids Affect the
Wood's Strength?
Denise Vinton
Greenwood Lab

ENGINEERING (cont.)

2nd Place: Andrew Brassfield
Does Performance Air
Filters Improve
Performance of
Automobiles?
Denise Vinton
Greenwood Lab

3rd Place: Parker Mee
Desalination in Public
Water Fountains to
Alleviate Potable
Water Shortage
Denise Vinton
Greenwood Lab

4th Place: Braden Keith
The Effects of Different
Types of Bats on the
Distance the Ball
Travels
Tabitha Shaver
Hartville HS

ENVIRONMENTAL

1ST Place: Hanning Wang
Acid Rain and
Damage to Plant
Leaves
Denise Vinton
Greenwood Lab

2nd Place: Mian Wang
Plastic in the
Environment
Denise Vinton
Greenwood Lab

3rd Place: Zhan Xin
The Lotus Effect in
Our Daily Life
Denise Vinton
Greenwood Lab

MEDICINE AND HEALTH

1ST Place: Mikayla Allen
The Effect of
Excitotoxicity on
Amyotrophic Lateral
Sclerosis
Adrick Miller
Thayer HS

MEDICINE AND HEALTH (cont.)

2nd Place: Riley McNay
Ultraviolet Light vs
Disinfectant Cleaner in
Reducing Hospital
Acquired Infections
Denise Vinton
Greenwood Lab

3rd Place: Zach Cosby
Effect of Artificial
Sweeteners on Blood
Glucose Levels
Denise Vinton
Greenwood Lab

4th Place: Cheyanne Mullinex
The Effects of
Essential Oils on
Scars
Tabitha Shaver
Hartville HS

MICROBIOLOGY

1st Place: Anna McGehee
Silver Sol-Gel
Solutions:
Antimicrobial Coatings
Denise Vinton
Greenwood Lab

2nd Place: Marisa Cabrales
The Effect of
Antibiotics on Bacteria
Adrick Miller
Thayer HS

PHYSICS

1st Place: Casey Bright
Does Brand Name
Mean Better
Absorbancy?
Joe Davis
Parkview HS

2nd Place: Emily Chisum
The Effects of Coconut
Oil and Tea Tree Oil
on the Tensile
Strength and Luster of
Different Hair Types
Tabitha Shaver
Hartville HS

SENIOR DIVISION PLACEMENT AWARDS

PHYSICS (cont.)

3rd Place: Zach Baker
Can 3-D Printed
Objects Be
Tempered?
Denise Vinton
Greenwood Lab

4th Place: Jace Keith
The Effects of Arm
Angle on the Velocity
of a Ball
Tabitha Shaver
Hartville HS

ZOOLOGY

1st Place: Harry Kime
Maddy Joplin
Which Music is Betta?
Brandi Mendenhall
Central HS

2nd Place: Maya Hudson
The Effect of Wraps on
the Angle of Horse
Fetlock Joints
Denise Vinton
Greenwood Lab

3rd Place: Alexia Tasker
The Effects of
Carbohydrates on
Lumbricus Terrestris
Tabitha Shaver
Hartville HS

4th Place: Morgan Benne
The Effects of
Commonly Consumed
Oils on Lumbricus
Terrestris
Tabitha Shaver
Hartville HS



College of Natural & Applied Sciences **CNAS**



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- Biology
- Chemistry
- Computer Science
- Geography
- Geology
- Geospatial Sciences
- Geotourism
- Hospitality & Restaurant Administration
- Mathematics
- Physics
- Planning
- Tourism Planning & Development
- Wildlife Conservation & Management



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**THE 2016
JUNIOR & SENIOR
DIVISION**



**SPECIAL AWARD
WINNERS!**

SPECIAL AWARDS

AMERICAN METEOROLOGICAL SOCIETY

Certificate of Award

Senior Division: Mian Wang
Greenwood Lab

Hanning Wang
Greenwood Lab

AMERICAN PSYCHOLOGICAL ASSOCIATION

Certificate of Award

Senior Division: Deric Jones
Hartville HS

THE AMERICAN SOCIETY OF MAMMOLOGISTS

Certificate of Award

Junior Division: Dylan Calhoun
Norwood R-1

Senior Division: Maya Hudson
Greenwood Lab

THE AMERICAN SOCIETY FOR METALS MATERIALS EDUCATION FOUNDATION

Preliminary Certificate

Senior Division: Lorissa Ellis
Hartville HS

ARIZONA STATE UNIVERSITY WALTON SUSTAINABILITY SOLUTIONS INITIATIVES

Certificate

Senior Division: Andrew Brassfield
Greenwood Lab

Parker Mee
Greenwood Lab

THE ASSOCIATION OF WOMEN GEOSCIENTISTS

Certificate of Merit

Junior Division: Vanessa Lampley
Marshfield Junior High

BAKER CHAIR OF INSURANCE/GAMMA IOTA SIGMA AWARD

\$50 Cash & Certificate of Achievement

Senior Division: Riley McNay
Greenwood Lab

Ryan Ward
Hartville HS

BROADCOM MASTERS

Certificate of Award and Advancement in National Level Competition with awards up to \$25,000

Junior Division: Elizabeth Morrissey
The Summit Prep

Kyler McGulgan
Willard MS

Brandon Woods
Willard MS

Alyssa Harrington
Manes R-5

Heidy Duarte
St. Joseph Academy

Haylie Garrison
Manes R-5

Timothy Harrington
Manes R-5

David Wells
Pershing MS

Kayla Cotter
St. Agnes MS

Daphne Boggs
Marshfield Junior High

Taylor Russell
St. Agnes MS

Evan Mason
The Summit Prep

Alex Herrell
St. Agnes MS

Abby Cardone
St. Agnes MS

CITY OF SPRINGFIELD – ENVIRONMENTAL SERVICES AWARD

Recycled Lunch Bag

Junior Division: Brooklyn Williams
Marshfield Junior High

Senior Division: Mian Wang
Greenwood Lab

GREATER OZARK AUDOBON SOCIETY "ENVIRONMENTAL AWARENESS AWARD"

One Year Membership in the National Audobon Society & Field Guide

Junior Division: Ariadna Galaviz
Willard MS

Kanija Blackmon
Willard MS

GREENE COUNTY RESOURCE MANAGEMENT "GROUNDWATER GUARDIAN" AWARD

Certificate and Bonus Item

Junior Division: Kayla Cotter
St. Agnes MS

INTEL INTERNATIONAL SCIENCE AND ENGINEERING FAIR AWARD

Certificate and Trip to INTEL ISEF

Senior Division: Mikayla Allen
Thayer HS

Jesse Paxton
Greenwood Lab

INTEL SCIENCE TALENT SEARCH

Opportunity to Advance to National Competition with awards up to \$150,000

Senior Division: Jesse Paxton
Greenwood Lab

Junvon Park
Greenwood Lab

George Chen
Greenwood Lab

Hanning Wang
Greenwood Lab

SPECIAL AWARDS

INTEL SCIENCE TALENT SEARCH (cont.)

Senior Division: Mikayla Allen
Thayer HS

Anna McGehee
Greenwood Lab

Casey Bright
Parkview HS

Harry Kime
Central HS

Maddy Joplin
Central HS

MASTER NATURALISTS ENVIRONMENTAL AWARD

\$50 Cash

Junior Division: Kayla Cotter
St. Agnes MS

Senior Division: Zhan Xin
Greenwood Lab

MISSOURI DEPARTMENT OF CONSERVATION "CONSERVATION AWARD"

DVDs, Field Guides, and Materials

Junior Division: Dylan Calhoun
Norwood R-1

Conservation CD, DVD, and Books

Senior Division: Hanning Wang
Greenwood Lab

MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS, OZARKS CHAPTER, "FUTURE ENGINEER" AWARD

Cash Award

Junior Division: David Wells
Pershing MS

Savannah Baus
Mountain Grove MS

Senior Division: Parker Mee
Greenwood Lab

Braden Keith
Hartville HS

MISSOURI STATE UNIVERSITY "GRAND AWARD"

*\$1,000 Scholarship to each Senior Division
Grand Prize Winner if they decide to attend
Missouri State University full-time (if the
winning category project is a team, the
scholarship is shared).*

Senior Division: Jesse Paxton
Greenwood Lab

Junvon Park
Greenwood Lab

George Chen
Greenwood Lab

Hanning Wang
Greenwood Lab

Mikayla Allen
Thayer HS

Anna McGehee
Greenwood Lab

Casey Bright
Parkview HS

Harry Kime
Central HS

Maddy Joplin
Central HS

MISSOURI STATE UNIVERSITY DEPARTMENT OF GEOGRAPHY, GEOLOGY, PLANNING AND GEOSPATIAL SCIENCE AWARD

*Subscription to National Geographic
Magazine*

Junior Division: Ariadna Galaviz
Willard MS

Kanija Blackmon
Willard MS

Kayera Cornelison
Norwood R-1

Justin Chadwell
Norwood R-1

Savannah Baus
Mountain Grove MS

MISSOURI STATE UNIVERSITY DEPARTMENT OF GEOGRAPHY, GEOLOGY, PLANNING AND GEOSPATIAL SCIENCE AWARD (cont.)

Junior Division: Kayla Cotter
St. Agnes MS

Timothy Harrington
Manes R-5

MISSOURI STATE UNIVERSITY COLLEGE OF NATURAL AND APPLIED SCIENCES

\$50 Cash Award

Junior Division: Abby Cardone
St. Agnes MS

Senior Division: Mikayla Allen
Thayer HS

Jesse Paxton
Greenwood Lab

MISSOURI STATE UNIVERSITY COLLEGE OF NATURAL AND APPLIED SCIENCE SCHOLARSHIP AWARD

*\$1,000 Scholarship to each Senior Division
Grand Prize Winner if they decide to attend
Missouri State University full-time (if the
winning category project is a team, the
scholarship is shared).*

Senior Division: Mikayla Allen
Thayer HS

Jesse Paxton
Greenwood Lab

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY AWARD

Certificates to students & plaques to teachers

Junior Division: Madison Rues
St. Joseph Academy

Timothy Harrington
Manes R-5

Dylan Calhoun
Norwood R-1

Kayla Cotter
St. Agnes MS

Evan Mason
The Summit Prep

SPECIAL AWARDS

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY AWARD (cont.)

Senior Division: Junvon Park
Greenwood Lab

Alexia Tasker
Hartville HS

Mian Wang
Greenwood Lab

Anna McGehee
Greenwood Lab

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY

\$1,000 Work Study Award

Senior Division: Anna McGehee
Greenwood Lab

LOU & NADINE MOORE MEMORIAL AWARD

*\$50 Cash Award to the top Junior Division
projects covering Education or Special Needs*

Junior Division: Will Garand
St. Agnes MS

McKenzie Blakey
The Summit Prep

Danielle Freeman
The Summit Prep

MU ALPHA THETA NATIONAL MATHEMATICS HONOR SOCIETY

Certificate of Award

Senior Division: Maya Hudson
Greenwood Lab

NASA EARTH SCIENCE AWARD

Certificate

Junior Division: Timothy Harrington
Manes R-5

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION "TAKING THE PULSE OF THE PLANET" AWARD

*Letter, Certificate of Award, and NOAA
Medallion*

Junior Division: Timothy Harrington
Manes R-5

RICOH CORPORATION SUSTAINABLE DEVELOPMENT AWARD

Certificate of Award

Junior Division: Sierra Cornelison
Norwood R-1

SCHNEIDER FOUNDATION

\$200 Cash & Certificate

Junior Division: Elizabeth Morrissey
The Summit Prep

Abby Cardone
St. Agnes MS

Kyler McGulgan
Willard MS

Braden Woods
Willard HS

David Wells
Pershing MS

\$500 Cash & Certificate

Senior Division: Jesse Paxton
Greenwood Lab

Mikayla Allen
Thayer HS

Junvon Park
Greenwood Lab

George Chen
Greenwood Lab

Hanning Wang
Greenwood Lab

SOCIETY FOR IN VITRO BIOLOGY

Certificate of Award

Senior Division: Anna McGehee
Greenwood Lab

STOCKHOLM JUNIOR WATER PRIZE

*Certificate & Promotion to National
Competition*

Senior Division: Mian Wang
Greenwood Lab

Hanning Wang
Greenwood Lab

Parker Mee
Greenwood Lab

UNITED STATES AIR FORCE

Certificate of Award

Junior Division: Jaron Harrod
Marshfield Junior High

Laken Fairweather
Marshfield Junior High

Senior Division: Anna McGehee
Greenwood Lab

UNITED STATES METRIC ASSOCIATION

Certificate of Award

Junior Division: Zac Allen
Willard MS

Austin Allen
Willard MS

UNITED STATES NAVY

Certificate, Medallion, Gift Cards

Junior Division: Savannah Baus
Mountain Grove MS

Jacob Holloway
Norwood R-1

Senior Division: George Chen
Greenwood Lab

Parker Mee
Greenwood Lab

SPECIAL AWARDS

WOMEN IN SCIENCE

Certificate of Award and \$25 Gift Certificate

Junior Division: Abby Cardone
St. Agnes MS

Senior Division: Anna McGehee
Greenwood Lab

YALE SCIENCE & ENGINEERING ASSOCIATION AWARD

Certificate of Award

Senior Division: Parker Mee
Greenwood Lab

Casey Bright
Parkview HS

THE ROBERT W. PLASTER MEMORIAL EXCELLENCE IN TEACHING AWARD

\$1,000 Cash Award to the Teacher with the most Placement Awards in the Senior Division

Denise Vinton
Greenwood Laboratory School

THE MARY JEAN PLASTER MEMORIAL EXCELLENCE IN TEACHING AWARD

\$1,000 Cash Award to the Teacher with the Most Placement Awards in the Junior Division

Aletha Rogers
Norwood R-1

Ryan Curtis
Manes R-5

THE REGIONAL FAIR DIRECTOR EMERITUS "SYLVIA SPEAR MEMORIAL AWARD"

\$25 Cash to a First Time Teacher

Taylor Blankenship
Mountain Grove MS

Jessica Schober
Mountain Grove MS

THE JAMES K. TICE MEMORIAL TEACHER AWARD

This award of \$250 cash and a certificate has been established in memory of James K. Tice, whose constant support and encouragement of Missouri's teachers and students changed so many lives.

Mr. Tice served for many years as a teacher, principal and superintendent of K-12 schools. Even after he retired from public education, Mr. Tice continued his tireless dedication to improving educational opportunities for everyone. He was devoted to creating learning communities, by integrating current and emerging technologies into the classroom.

Mr. Tice was a coach, a teacher, a mentor, a surrogate parent, and a friend. He never failed to say "I appreciate you". It is our hope that the recipient of this award also hears "We appreciate you".

The recipient of this year's award is:

Denise Vinton
Greenwood Laboratory School

THE LAWRENCE E. BANKS, JR., MEMORIAL TECHNOLOGY FOR TEACHERS AWARD

This award of \$250 cash and a certificate has been established in memory of Lawrence E. Banks, Jr., the former Dean of the Missouri State University College of Natural and Applied Sciences and a long-time friend and supporter of the Fair.

Dr. Banks was dedicated to education in the state of Missouri and was a strong proponent of innovative educational projects at the K-12 level as well as higher education. In 2000, he received the Science Teachers' of Missouri Distinguished Service Award in recognition of his tireless support and commitment to science education.

In memory of Dr. Banks' enthusiasm and interest in technology, the recipient of this award is encouraged to integrate technology in their classroom.

The recipient of this year's award is:

Ryan Curtis
Manes R-5

OZARKS SCIENCE & ENGINEERING FAIR JUNIOR DIVISION TEACHER AWARDS

This Certificate is awarded to the teachers of the Junior Division First Place Category winners. The recipients of the Junior Division Teacher Awards for 2016 are:

Laura Stroup
The Summit Prep

Kara Shiveley
Willard MS

Ryan Curtis
Manes R-5

Miriam Jump
St. Joseph Academy

Jeffrey Wells
Pershing MS

Lynn Vogel
St. Agnes MS

Aaron Tillman
Marshfield Junior High

OZARKS SCIENCE & ENGINEERING FAIR SENIOR DIVISION TEACHER AWARDS

This Certificate is awarded to the teachers of the Senior Division First Place Category winners. The recipients of the Senior Division Teacher Awards for 2016 are:

Denise Vinton
Greenwood Lab

Adrick Miller
Thayer HS

Joe Davis
Parkview HS

Brandi Mendenhall
Central HS

SPECIAL AWARDS

OZARKS SCIENCE & ENGINEERING FAIR JUNIOR DIVISION GRAND PRIZE TEACHER AWARD

This award of a plaque is awarded to the teacher of the Junior Division Grand Prize student project. The recipient of the OSEF Foundation Junior Division Grand Prize Teacher Award for 2016 is:

Lynn Vogel
St. Agnes MS

OZARKS SCIENCE & ENGINEERING FAIR SENIOR DIVISION GRAND PRIZE ALTERNATES TEACHER AWARD

This award of a certificate is awarded to the teacher(s) of the Senior Division Grand Prize Alternates student projects. The recipients of the OSEF Foundation Senior Division Grand Prize Alternates Teacher Award for 2016 is:

Denise Vinton
Greenwood Laboratory School

OZARKS SCIENCE & ENGINEERING FAIR SENIOR DIVISION GRAND PRIZE TEACHER AWARD

This award of a plaque is awarded to the teacher(s) of the Senior Division Grand Prize student projects. The recipients of the OSEF Foundation Senior Division Grand Prize Teacher Award for 2016 is:

Denise Vinton
Greenwood Laboratory School

Adrick Miller
Thayer High School

Thank You

The Ozarks Science & Engineering Fair Foundation and Steering Committee would like to recognize those volunteers, both individuals and organizations, without whom this event would not be possible. This week alone, over 600 hours of volunteer time and effort were donated – our deepest thanks and appreciation especially to the following:

- Dr. Myra Hughes' BIO 210 Students
- Sue McCrory's CIS 200 Students
- Dr. Jill Black's GRY 240 Students
- Dr. Michelle Bowe's BIO 334 Students
- Alpha Delta Pi Members
- Kathy Shade's Ozarks Technical Community College Students

In addition, approximately 100 judges from local colleges, companies and organizations donated their time and expertise Tuesday evening to judge the over 200 projects at this year's Fair. We cannot recognize them all by name, but their efforts are greatly appreciated.

We would also like to extend a very special Thank You to Copy Products for their generous loan of a copier for the duration of the Fair, and Mike Murphy of the College of Natural and Applied Sciences' Electronic Support Services for the loan of printers for the duration of the Fair.

Finally, we especially want to acknowledge the generous donation contributed by Associated Electric Cooperative, Schneider Foundation, and Rodney and Cheryl Wrinkle toward the substantial travel expenses incurred by the Senior Division Grand Prize Winners for travel to the 2016 International Science & Engineering Fair on May 8, 2016 to May 13, 2016 in Phoenix, Arizona.

Volunteers are the lifeblood of an event of this magnitude. Without you, we could not continue the Fair's tradition of excellence. Thank you!