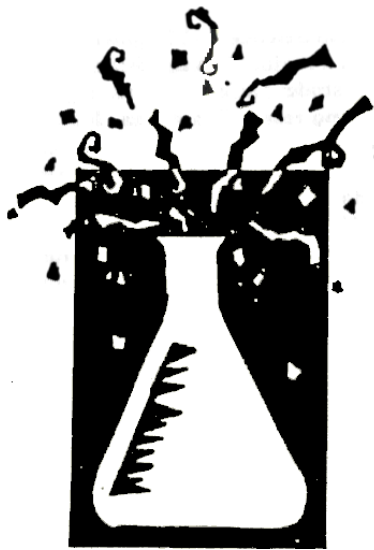


THE 55th ANNUAL OZARKS SCIENCE & ENGINEERING FAIR

HAMMONS STUDENT CENTER
MISSOURI STATE UNIVERSITY

March 31 – April 2, 2015



2015 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. TAMERA JAHNKE, DEAN
COLLEGE OF NATURAL & APPLIED SCIENCES
PRESENTER OF AWARDS



OSEF COMMITTEE MEMBERS

EXECUTIVE DIRECTOR:
DISPLAY & SAFETY:
ELEMENTARY FAIR:
MEMBERS AT LARGE:

PLACEMENT AWARDS:
SPECIAL AWARDS:
VOLUNTEERS:
WEBMASTERS:
SOCIAL NETWORKING:

MICHELLE NORNGREN
KEN MCCRORY
LACEY GEIGER
EMILY GRAY
CHERYL WRINKLE
SAMANTHA COOPER
BEN DALTON
MICHELLE NORNGREN
KELSEY ANDERSON
SUE MCCRORY
SUE MCCRORY
MICHELLE NORNGREN



SCIENTIFIC REVIEW COMMITTEE

DR. TOM TOMASI, CHAIR
DR. JACK STEIERT, MICROBIOLOGY
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 Olivia Brown
Are Hands Free Devices a Safe Alternative?
Denise Vinton
Greenwood Lab School

GRAND PRIZE Noah Khan
Laser Chat: A Secure Short-Range Messenger
Fred Fotsch
Glendale High School

1st ALTERNATE Bailey Adams
Green Water: A Study of Eco-Roofing
Pam Probert
Mansfield High School

2nd ALTERNATE Clint Jung
Building a Better Tennis Player
Denise Vinton
Greenwood Lab School

JUNIOR DIVISION GRAND PRIZE WINNERS

(Plaque to each Junior Grand Prize Winner & Teacher)

GRAND PRIZE Maddie Wutke
What Font Improves Recall?
Lynn Vogel
St. Agnes Middle School

ALTERNATE Savannah Sadler
Effect of Mycelium on Removing Pollutants
Ryan Curtis
Manes R-5

MAJOR SPONSORS

MISSOURI STATE UNIVERSITY – COLLEGE OF NATURAL & APPLIED
SCIENCES

MISSOURI STATE UNIVERSITY FOUNDATION

ASSOCIATED ELECTRIC COOPERATIVE, INC.

SCHNEIDER FOUNDATION

RODNEY AND CHERYL WRINKLE

2015 AWARDS AND SPONSORS

AMERICAN CHEMICAL SOCIETY – OZARK
SECTION
AMERICAN PSYCHOLOGICAL
ASSOCIATION
THE ASM MATERIALS EDUCATIONAL
SOCIETY
ASSOCIATION OF WOMEN GEOSCIENTISTS
BAKER CHAIR OF INSURANCE/GAMMA
IOTA SIGMA
THE LAWRENCE E. BANKS, JR., MEMORIAL
AWARD
CITY OF SPRINGFIELD – ENVIRONMENTAL
SERVICES DIVISION
COMMUNITY FOUNDATION OF THE
OZARKS
CREATIVE RESEARCH FOR IN VITRO
BIOLOGY
GREATER OZARKS AUDUBON SOCIETY
INTEL
MISSOURI STATE UNIVERSITY COLLEGE OF
NATURAL & APPLIED SCIENCES
MISSOURI STATE UNIVERSITY
DEPARTMENT OF BIOLOGY
MISSOURI STATE UNIVERSITY
DEPARTMENT OF PHYSICS,
ASTRONOMY & MATERIALS SCIENCE
THE LOU & NADINE MOORE MEMORIAL
AWARD

MU ALPHA THETA MATHEMATICS HONOR
SOCIETY
NATIONAL OCEANIC & ATMOSPHERIC
ADMINISTRATION
OZARKS SCIENCE & ENGINEERING FAIR
OZARKS TECHNICAL COMMUNITY
COLLEGE
THE MARY JEAN PLASTER MEMORIAL
AWARD
THE ROBERT W. PLASTER MEMORIAL
AWARD
RICOH CORPORATION
THE REGIONAL FAIR DIRECTOR EMERITUS
“SYLVIA SPEAR” AWARD
SCHNEIDER FOUNDATION
THE DR. ERIC D. SHADE MEMORIAL AWARD
STOCKHOLM JUNIOR WATER PRIZE
THE JAMES K. TICE MEMORIAL TEACHER
AWARD
UNITED STATES METRIC ASSOCIATION
UNITED STATES SURGEON GENERAL
WOMEN IN SCIENCE
YALE SCIENCE & ENGINEERING
ASSOCIATION



College of Natural & Applied Sciences **CNAS**



MAJORS TO CHOOSE FROM

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



Cooperative Engineering Program with Missouri S&T

Civil



Electrical

For Students from the following counties in Missouri:
Christian, Dade, Dallas, Greene, Lawrence,
Polk, Stone, Taney & Webster

Secondary Education Degrees and Certification



Biology, Chemistry, Earth Science,
Mathematics, Physics

DR. TAMERA JAHNKE, DEAN
DR. XINGPING SUN, ASSOCIATE DEAN
DR. DANIEL BECKMAN, ASSOCIATE DEAN

www.cnas.missouristate.edu
417-836-5249

THE 2015 JUNIOR DIVISION



PLACEMENT AWARD WINNERS!

JUNIOR DIVISION PLACEMENT AWARDS

BEHAVIORAL AND SOCIAL SCIENCES

- 1st Place: Maddie Wutke
What Font Improves Recall?
Lynn Vogel
St. Agnes
- 2nd Place: Jude Lugo
Do the Eyes Have it?
Timothy Hayes
Immaculate Conception
- 3rd Place: Maggie David
Rich or Homeless: Does it Matter How You Look?
Lynn Vogel
St. Agnes
- 4th Place: Ashlie German
Color Confusion
April Meltabarger
Pleasant View

BOTANY

- 1st Place: Andrew Gutowski
Stop The Music
Tim Harrison
Waynesville
- 2nd Place: Danielle Freeman
Sweet & Sour Radishes
Laura Stroup
The Summit
- 3rd Place: Samuel Brown
Effects of Different Light Colors on Plant Growth
Ryan Curtis
Manes R-5
- 4th Place: Izaak Turner
Effect of Microwave Radiation
Ryan Curtis
Manes R-5

CHEMISTRY

- 1st Place: Max Depperschmidt
Burning Batteries
April Meltabarger
Pleasant View
- 2nd Place: David Schimizu
Lucky Lemons
Laura Stroup
The Summit
- 3rd Place: Alyssa Harrington
Effect of the Type of Mint on Water Temperature
Ryan Curtis
Manes R-5
- 4th Place: Emma Riemenschneider
Stayin' Alive
April Meltabarger
Pleasant View
- Cole Lathrom
Effect of the Type of Liquid on a Grobeast's Density
Ryan Curtis
Manes R-5

COMPUTER SCIENCE/MATH

- 1st Place: Jacob Koppang
iPad Brawl
Laura Stroup
The Summit

EARTH & SPACE/ ENVIRONMENTAL SCIENCES

- 1st Place: Savannah Sadler
Effect of Mycelium on Removing Pollutants from Water
Ryan Curtis
Manes R-5
- 2nd Place: Cassie Brewer
Salt, Salt, Salt, Enough
Ryan Curtis
Manes R-5
- 3rd Place: Elayna Caulliette
The Effect of Color on Absorption of Radiant Energy
Ryan Curtis
Manes R-5
- 4th Place: Gideon Kroutil
Plate Tectonics
Ryan Curtis
Manes R-5

ENGINEERING

- 1ST Place: Timothy Harrington
The Effect of Temperature on Photo-Voltaic Cell Efficiency
Ryan Curtis
Manes R-5
- 2nd Place: Julius Gerolaga
Effect of Counterweight on Projectile Distance
Ryan Curtis
Manes R-5
- 3rd Place: Annie Callahan
It's a Plane Science!
Lynn Vogel
St. Agnes
- 4th Place: Wade Hite
What is the Best Paper for Paper Airplanes to Fly Farthest?
Lynn Vogel
St. Agnes

JUNIOR DIVISION PLACEMENT AWARDS

MEDICINE & HEALTH

1st Place: Evan Mason
Bye Bye Bacteria
Laura Stroup
The Summit

2nd Place: Danielle Colvin
The Effect of Caffeine on
the Heart Rate of a
Daphnia
Miriam Jump
St. Joseph Academy

3rd Place: Ryan Dirksen
Electrolytes: Homemade
vs Store Bought
Timothy Hayes
Immaculate Conception

4th Place: Bethany Moore
Which Toothpaste Brand
is Best?
Laura Stroup
The Summit

Olivia Frye
Greetings and Germ
Transfer
Laura Stroup
The Summit

PHYSICS

1st Place: Alexus Walker
The Effect of Temperature
on Magnet Strength
Ryan Curtis
Manes R-5

2nd Place: Nathan Good
Money-Ball
Laura Stroup
The Summit

3rd Place: Isabella Pondrum
Juicy Fruit
Tim Harrison
Waynesville

4th Place: Kody Skaggs
Effect of Fletching
Orientation on Arrow
Velocity
Ryan Curtis
Manes R-5

Mason Scruggs
Physics and Firecrackers
Lynn Vogel
St. Agnes



Many careers in the sciences may require more than a bachelor's degree. At MSU you can start working on your graduate degree while finishing your bachelor's by enrolling in an **Accelerated Master's Program!**

Master of Science, Biology

Master of Science, Cell and Molecular Biology

Master of Science, Chemistry

Master of Science, Communication Sciences & Disorders - Education of the Deaf and Hard of Hearing

Master of Science, Geospatial Sciences in Geography & Geology

Master of Science, Material Science

Master of Science, Mathematics

Master of Natural and Applied Science

Master of Science, Nursing

Master of Science, Plant Science



For more information, please visit <http://graduate.missouristate.edu/acceleratedprograms.htm>

Graduate College

901 S. National Ave., Springfield, MO 65897

(417) 836-5335

Missouri State
UNIVERSITY

THE 2015 SENIOR DIVISION



PLACEMENT AWARD WINNERS!

SENIOR DIVISION PLACEMENT AWARDS

BEHAVIORAL AND SOCIAL SCIENCES

1st Place: Olivia Brown
Are Hands-Free
Devices a Safe
Alternative?
Denise Vinton
Greenwood Lab

2nd Place: Parker Mee
Effect of Presenter
Gender on Argument
Denise Vinton
Greenwood Lab

3rd Place: Luke Ellickson
Katherine Sistrunk
The Effect of Aerobic
Exercise on Short
Term Memory
Tara Bonebrake
Greenwood Lab

4th Place: Matt Fohn
Shedding Away the
Pounds: A Research
Study on Drum Corps
Tabitha Shaver
Hartville

BOTANY

1st Place: Bailey Adams
Green Water: A Study
on Eco-Roofing
Pam Probert
Mansfield

2nd Place: Anna Hwang
Using Genetic Markers
to Identify Black
Walnut Parentage
Anson Elliott
Central

3rd Place: McKenzie Adamson
The Effect of Salinity in
the Form of Chloride
and Sulfide
Pam Probert
Mansfield

4th Place: Jordan Lebahn
The Effects of Seed
Density on the Product
of Biomass
Pam Probert
Mansfield

CHEMISTRY

1st Place: Megan Hubbard
Effects of a Catalyst
on the Rate of a
Chelation Reaction
Pam Probert
Mansfield

2nd Place: Kameron Haake
Chemistry of a Cookie
Tara Bonebrake
Greenwood

COMPUTER SCIENCE/MATH

1st Place: Zach Baker
The Effects of
Convection on PC
Cooling System
Denise Vinton
Greenwood

2nd Place: Daniel Stone
How to Teach a
Computer
Programming Class
Denise Vinton
Greenwood

3rd Place: Sujeong Park
Relating the Shape of
Finite-Perimeter
Fractal to the
Sequence and
Formula
Denise Vinton
Greenwood

EARTH & ENVIRONMENTAL SCIENCE

1ST Place: Adam Brock
The Use of Vitis
Riparia in Gravity Field
Water Filtration
Denise Vinton
Greenwood

2nd Place: Grace Watson
Characterizing the
Movement of
Polyethylene
Microbeads
Denise Vinton
Greenwood

EARTH & ENVIRONMENTAL SCIENCE (cont.)

3rd Place: Mathew Rowe
Carson Turner
The Growth and
Development of Fish
Under Various Colors
of Light
Tara Bonebrake
Greenwood

4th Place: Nofal Zabair
Will Sistrunk
Effects of Pollution on
Anole Habitat
Preference
Tara Bonebrake
Greenwood

ENGINEERING

1st Place: Noah Khan
Laser Chat: A Secure
Short-Range
Messenger
Fred Fotsch
Glendale

MEDICINE AND HEALTH

1ST Place: Rilee Hardcastle
Lay Off the Peanut
Butter Cups: The
Effects of TBHQ
Tabitha Shaver
Hartville

2nd Place: Blaine Dennis
Decomposition
Detection: A Forensic
Study Using Nuclide
Analysis
Pam Probert
Mansfield

3rd Place: Abigail Birkner
Effectiveness of
Childproof Containers
Denise Vinton
Greenwood

4th Place: Bailey Mills
The Effects of Acidic
Solutions on Release
of Mercury in Dental
Amalgam Fillings
Denise Vinton
Greenwood

SENIOR DIVISION PLACEMENT AWARDS

PHYSICS

1st Place:

Clint Jung
Building a Better
Tennis Player
Denise Vinton
Greenwood

2nd Place:

Zachariah Brinley
Hydrogen Generator
Roberto Texidor
School of the Ozarks

**THE 2015
JUNIOR & SENIOR
DIVISION**



**SPECIAL AWARD
WINNERS!**

SPECIAL AWARDS

AMERICAN CHEMICAL SOCIETY, OZARKS SECTION

\$100 Cash and Certificate of Award

Senior Division: Megan Hubbard
Mansfield

AMERICAN PSYCHOLOGICAL ASSOCIATION

Certificate of Award

Senior Division: Parker Mee
Greenwood

THE AMERICAN SOCIETY FOR METALS MATERIALS EDUCATION FOUNDATION

Medallion and Certificate of Award

Senior Division: Bailey Mills
Greenwood

ARIZONA STATE UNIVERSITY WALTON SUSTAINABILITY SOLUTIONS INITIATIVES

Certificate and Eligibility for National Competition

Senior Division: Blaine Dennis
Mansfield

Zach Brinley
School of the Ozarks

THE ASSOCIATION OF WOMEN GEOSCIENTISTS

Certificate of Merit

Senior Division: Cassie Brewer
Manes R-5

BAKER CHAIR OF INSURANCE/GAMMA IOTA SIGMA AWARD

\$50 Cash & Certificate of Achievement

Senior Division: Olivia Brown
Greenwood

BROADCOM MASTERS

Certificate of Award and Advancement in National Level Competition

Junior Division: Maddie Wutke
St. Agnes

Andrew Gutowski
Waynesville

Max Depperschmidt
Pleasant View

Jacob Koppang
The Summit

Savannah Sadler
Manes R-5

Timothy Harrington
Manes R-5

Evan Mason
The Summit

Alexus Walker
Manes R-5

CITY OF SPRINGFIELD – ENVIRONMENTAL SERVICES AWARD

Recycled Lunch Bag

Junior Division: Elayna Caulliette
Manes R-5

Savannah Sadler
Manes R-5

GREATER OZARK AUDOBON SOCIETY "ENVIRONMENTAL AWARENESS AWARD"

One Year Membership in the National Audobon Society & Field Guide

Junior Division: Savannah Sadler
Manes R-5

INTEL "EXCELLENCE IN COMPUTER SCIENCE" AWARD

Certificate of Award & \$200 Cash (to be mailed)

Senior Division: Zach Baker
Greenwood

INTEL SCIENCE TALENT SEARCH

Opportunity to Advance to National Competition

Senior Division: Olivia Brown
Greenwood

Clint Jung
Greenwood

MISSOURI DEPARTMENT OF CONSERVATION

Field Guide and Gift Bag

Junior Division: Savannah Sadler
Manes R-5

Senior Division: Bailey Adams
Mansfield

MISSOURI STATE UNIVERSITY COLLEGE OF NATURAL AND APPLIED SCIENCES

\$50 Cash Award

Junior Division: Maddie Wutke
St. Agnes

Senior Division: Olivia Brown
Greenwood

Noah Khan
Glendale

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: Olivia Brown
Greenwood

Noah Khan
Glendale

SPECIAL AWARDS

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY – BOTANY AWARD

Certificates to students & plaques to teachers

Junior Division: Andrew Gutowski
Waynesville

Senior Division: Anna Hwang
Central

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY – ENVIRONMENTAL SCIENCE AWARD

Certificates to students & plaques to teachers

Junior Division: Cassie Brewer
Manes R-5

Senior Division: Adam Brock
Greenwood

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY – MEDICINE & HEALTH AWARD

Certificates to students & plaques to teachers

Junior Division: Evan Mason
The Summit

Senior Division: Rilee Hardcastle
Hartville

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY

\$1,000 Work Study Award

Senior Division: Anna Hwang
Central

LOU & NADINE MOORE MEMORIAL AWARD

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

Junior Division: Maddie Wutke
St. Agnes

Joseph Tetlow
The Summit

MU ALPHA THETA NATIONAL MATHEMATICS HONOR SOCIETY

Certificate of Award

Senior Division: Zach Baker
Greenwood

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION “TAKING THE PULSE OF THE PLANET” AWARD

*Letter, Certificate of Award, and NOAA
Medallion*

Senior Division: Bailey Adams
Mansfield

RICOH CORPORATION

Certificate of Award

Senior Division: Adam Brock
Greenwood

SCHNEIDER FOUNDATION

\$200 Cash & Certificate

Junior Division: Maddie Wutke
St. Agnes

Andrew Gutowski
Waynesville

Max Depperschmidt
Pleasant View

Timothy Harrington
Manes R-5

Savannah Sadler
Manes R-5

SCHNEIDER FOUNDATION (cont.)

\$500 Cash & Certificate

Senior Division: Olivia Brown
Greenwood

Bailey Adams
Mansfield

Megan Hubbard
Mansfield

Noah Khan
Glendale

Adam Brock
Greenwood

THE DR. ERIC D. SHADE MEMORIAL COMPUTER SCIENCE AWARD

This award is given in memory of Dr. Eric Shade, a member of the College of Natural and Applied Science’s Computer Science Department. An avid musician, biker, player of card, video, and board games, Dr. Shade was also known for his wit and “Shade-isms”. Dr. Shade was a respected member of the University community, serving on the Faculty Senate and other committees over the years.

Dr. Shade was devoted to teaching and his students; many of them continue to be inspired by him years after leaving his classroom. One student said Dr. Shade didn’t just teach the course content; he taught students HOW to learn, ensuring his students would continue to grow in their careers long after graduation. The world is a brighter place for having had him in it.

Dr. Shade continued to teach during his recent battle against cancer, until March 5 of this year, and passed away on March 28, 2015.

Certificate of Award and \$150 cash

Senior Division: Daniel Stone
Greenwood

SOCIETY FOR IN VITRO BIOLOGY

Certificate of Award

Senior Division: Anna Hwang
Central

SPECIAL AWARDS

STOCKHOLM JUNIOR WATER PRIZE

Certificate & Promotion to National Competition

Senior Division: Bailey Adams
Mansfield

UNITED STATES METRIC ASSOCIATION

Certificate of Award

Junior Division: Clint Jung
Greenwood

UNITED STATES PUBLIC HEALTH SERVICES

Letter, Certificate of Award, and Medallion

Junior Division: Bethany Moore
The Summit

WOMEN IN SCIENCE

Certificate of Award and \$25 Gift Card

Junior Division: Bethany Moore
The Summit

Senior Division: Blaine Dennis
Mansfield

YALE SCIENCE & ENGINEERING ASSOCIATION AWARD

Certificate of Award and Medallion

Senior Division: Zachariah Brinley
School of the Ozarks

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

Ryan Curtis
Manes R-5

THE REGIONAL FAIR DIRECTOR EMERITUS "SYLVIA SPEAR MEMORIAL AWARD"

\$25 Cash to a First Time Teacher

Roberto Texidor
School of the Ozarks

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:

Tara Bonebrake
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:

Lynn Vogel
St. Agnes Middle School

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 2015 are:

Lynn Vogel
St. Agnes Middle School

Tim Harrison
Waynesville 6th Grade Center

April Meltabarger
Pleasant View

Laura Stroup
The Summit Preparatory Academy

Ryan Curtis
Manes R-5

SPECIAL AWARDS

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 2015 are:

Denise Vinton
Greenwood Laboratory School

Pam Probert
Mansfield High School

Fred Fotsch
Glendale High School

Tabitha Shaver
Hartville High School

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 2015 is:

Lynn Vogel
St. Agnes Middle 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 2015 is:

Denise Vinton
Greenwood Laboratory School

Fred Fotsch
Glendale 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
- Dr. Georgianna Saunders' BIO 101 Students
- Dr. Cheryl Wrinkle's PHY 101 Students
- Delta Zeta Members
- Board of Governors Scholarship Recipients
- Sue McCrory's CIS 200 Students
- Multicultural Leadership Scholarship Recipients
- Sigma Sigma Sigma Members
- Tau Kappa Epsilon Members
- Presidential Scholarship Recipients
- Phi Gamma Delta Members
- Alpha Delta Pi Members
- Alpha Chi Omega Members
- Alpha Kappa Lambda Members
- Xi Omicron Iota Members
- Anthropology Club Members
- Alpha Sigma Alpha Members
- Field Hockey Team Members

In addition, approximately 100 judges from local colleges, companies and organizations donated their time and expertise Tuesday evening to judge the over 100 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 donation of a copier 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 2015 International Science & Engineering Fair on May 10 – 15, 2015, in Pittsburgh, Pennsylvania.

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