

OZARKS SCIENCE & ENGINEERING FAIR

HAMMONS STUDENT CENTER
MISSOURI STATE UNIVERSITY

April 8, 9 & 10, 2008



2008 WINNERS

Sponsored By:

Missouri State University
Associated Electric Cooperative, Inc.
Schneider Foundation

Positronic Industries

Missouri Society of Professional Engineers – Ozark Chapter
F & H Food Equipment Company



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:
EXECUTIVE ASSISTANT:
SPECIAL AWARDS:

PLACEMENT AWARDS:
WEB PAGE DEVELOPMENT:
VOLUNTEERS:
DISPLAY & SAFETY:
ELEMENTARY FAIR:

MICHELLE NORNGREN
JULIANNA NORNGREN
CHERYL SCHAEFER
SAMANTHA SCHAEFER
ADAM CRANE
SUE MCCRORY
SUE MCCRORY
KEN MCCRORY
ROCHELLE MCCRORY



SCIENTIFIC REVIEW COMMITTEE

DR. TOM TOMASI, CHAIR
DR. JACK STEIERT, MICROBIOLOGY
DR. BRYAN BREYFOGLE, CHEMISTRY
DR. MATTHEW FANETTI, HUMAN BEHAVIOR
DR. MICHAEL PFANDER, DVM, NONHUMAN VERTEBRATES



SENIOR DIVISION GRAND PRIZE WINNERS
AND ALTERNATES

(Grand Prize Awards Sponsored by: F & H Food Equipment Company, Positronic Industries & Associated Electric Cooperative, Inc., & includes plaques for the Grand Prize Winners and Teachers.)

GRAND PRIZE MILES BARNHART
RECYCLING CARBON DIOXIDE FOR BIOFUEL
TODD VAN GORDEN
GREENWOOD LAB SCHOOL

GRAND PRIZE CANIN CHRISTELL
INTELLIGENT TASK COORDINATION WITH
MULTIPLE ROBOTS
TODD CHRISTELL
HOMESCHOOL

1st ALTERNATE Ashley Dameron
How Ice Thickness Affects Impact Craters on Europa
Rick Snyder
Kickapoo High School

2nd ALTERNATE Tron Sherman
Effects of Reflected Light on Bean Seeds
Pam Probert
Mansfield High School

JUNIOR DIVISION GRAND PRIZE WINNERS

GRAND PRIZE STUART JUMP
THE EFFECTS OF LEAD IN SOIL
MIRIAM JUMP
ST. JOSEPH MIDDLE SCHOOL

MAJOR SPONSORS

MISSOURI STATE UNIVERSITY

ASSOCIATED ELECTRIC COOPERATIVE, INC.

SCHNEIDER FOUNDATION

POSITRONIC INDUSTRIES

MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS – OZARK CHAPTER

F & H FOOD EQUIPMENT COMPANY

2008 AWARDS AND SPONSORS

AMERICAN CHEMICAL SOCIETY – OZARK
SECTION
AMERICAN METEOROLOGICAL SOCIETY
AMERICAN PSYCHOLOGICAL ASSOCIATION
AMERICAN SOCIETY OF MAMMALOGISTS
THE ASM INTERNATIONAL FOUNDATION
ASSOCIATION FOR WOMEN GEOSCIENTISTS
BAKER CHAIR OF INSURANCE/GAMMA IOTA
SIGMA
CITY OF SPRINGFIELD – SOLID WASTE
DIVISION
CITY UTILITIES OF SPRINGFIELD
COMMUNITY FOUNDATION OF THE OZARKS
DRURY UNIVERSITY
EXPANDING YOUR HORIZONS: WOMEN IN
SCIENCE
GREATER OZARKS AUDUBON SOCIETY
GREENE COUNTY RESOURCE MANAGEMENT
DEPARTMENT
HERBERT HOOVER PRESIDENTIAL LIBRARY
ASSOCIATION
HORAN & BECKER
INTEL
INTERNATIONAL SOCIETY OF OPTICAL
ENGINEERS
IRENE BRUNER MEMORIAL AWARD
MISSOURI DEPARTMENT OF CONSERVATION
MISSOURI MASTER NATURALISTS
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
NATIONAL SOCIETY OF PROFESSIONAL
ENGINEERS
OZARKS SCIENCE & ENGINEERING FAIR
FOUNDATION
POSITRONIC INDUSTRIES
THE REGIONAL FAIR DIRECTOR EMERITUS
“SYLVIA SPEAR” AWARD
SCHNEIDER FOUNDATION
SMITH-GLYNN-CALLOWAY FOUNDATION
SOCIETY FOR SCIENCE & THE PUBLIC
SOCIETY OF MANUFACTURING ENGINEERS
SYLVIA SPEAR MEMORIAL AWARD
SPRINGFIELD/GREENE COUNTY
ENVIRONMENTAL ADVISORY BOARD
TROPHIES, ETC.
UNITED STATES ARMY
UNITED STATES NAVY/MARINE CORPS
UNITED STATES DEPARTMENT OF HEALTH &
HUMAN SERVICES
UNITED STATES METRIC ASSOCIATION
WALLACE WEBER MEMORIAL AWARD
WATER ENVIRONMENT FEDERATION
WATERSHED COMMITTEE OF THE OZARKS
YALE SCIENCE & ENGINEERING ASSOCIATION

THE 2008 JUNIOR DIVISION



PLACEMENT AWARD WINNERS!

JUNIOR DIVISION PLACEMENT AWARDS

BEHAVIORAL AND SOCIAL SCIENCES

- 1st Place: Sam Jones
The Effects of Playing Video
Games While Listening to Music
Laura Stroup
Summit Preparatory School
- 2nd Place: Theo Shuler
How Reliable Are Eye Witnesses'
Testimonies?
Laura Stroup
Summit Preparatory School
- 3rd Place: Nathan Bogart
The Effects of Various Print
Colors on Reading Speed
J. Lloyd Hinsley
Mansfield Middle School
- 4th Place: John Bentley
Does Sleep Affect Your Brain
Power?
Timothy Hayes
Immaculate Conception

BIOCHEMISTRY

- 1st Place: Kristine Schoeder
Stains Be Gone
Lynn Vogel
St. Agnes Middle School
- 2nd Place: Lindsay Marmouget
Stains . . . Not My Cup of Tea
Lynn Vogel
St. Agnes Middle School
- 3rd Place: Michael Harter
pH In Your Saliva
Miriam Jump
St. Joseph Middle School
- 4th Place: Thomas Halter
It's a Dog's Life
Lynn Vogel
St. Agnes Middle School

BOTANY

- 1st Place: Lexi Sherman
The Effects of Temperature &
Time on Germination & Growth of
Bean Seeds
J. Lloyd Hinsley
Mansfield Middle School

BOTANY (cont.)

- 2nd Place: Melissa Edwards
The Effects of Seed Mass on a
Plant's Germination & Stem
Length on a Bean Plant
J. Lloyd Hinsley
Mansfield Middle School
- 3rd Place: David Havens
Grow Plants Grow
Lynn Vogel
St. Agnes Middle School
- 4th Place: Abby Davis
Mattelyn Arthur
Do Your Flowers Have a Cold?
Aaron Tillman
Marshfield Junior High

CHEMISTRY

- 1st Place: Jimmy Rossiter
Pennies in Fresh Water, Salt
Water, & Open Air
Miriam Jump
St. Joseph Middle School
- 2nd Place: Clarissa Gutierrez
Can I Purify Water?
Lynn Vogel
St. Agnes Middle School
- 3rd Place: Emma Thomas
Acid in Water
Lynn Vogel
St. Agnes Middle School
- Steven Schupbach
Shrinking Solutions
Robin Hilton
Clever Middle School
- 4th Place: Melinda Willhite
Effects of the Change in
Temperature in Salt Crystal
Formation
Giselle Stewart
Manes Middle School

- Kelsey Meyer
Alyx Rollins
Burn Baby Burn
Carolyn Mulkey
Billings Middle School

EARTH AND SPACE SCIENCES

- 1st Place: Brandon Tredway
The Way I R
Lynn Vogel
St. Agnes Middle School
- 2nd Place: Leah Langenberg
Angle of Impact
Lynn Vogel
St. Agnes Middle School
- 3rd Place: Meggie Bullard
The Sun's Magnetic Personality
Timothy Hayes
Immaculate Conception
- 4th Place: Camden Eck
Is It Warm Enough Now?
Lynn Vogel
St. Agnes Middle School

ENGINEERING

- 1st Place: Michael DeVoss
It's a Hit!
Lynn Vogel
St. Agnes Middle School
- 2nd Place: Zac Lawson
How Far Can You Hurl?
Darlene Henne
Pleasant View Middle School
- 3rd Place: Christian Gray
The Effects of Various Degrees
of Pitch & the Number of Blades
on the RPMs of a Windmill
J. Lloyd Hinsley
Mansfield Middle School
- 4th Place: Nicholas Roth
A Wind, Wind Situation
Lynn Vogel
St. Agnes Middle School

ENVIRONMENTAL SCIENCES

- 1st Place: Stuart Jump
The Effects of Lead in Soil
Miriam Jump
St. Joseph Middle School
- 2nd Place: Michelle Jarek
Committing The CO₂ Crime
Laura Stroup
Summit Preparatory School

JUNIOR DIVISION PLACEMENT AWARDS

ENVIRONMENTAL SCIENCES (cont.)

3rd Place: Macy Allison
The Effects of Radiation on
Common Household Molds
J. Lloyd Hinsley
Mansfield Middle School

4th Place: Tate Hammers
Does Magnetism Affect
Tornadoes
Timothy Hayes
Immaculate Conception

MATHEMATICS / COMPUTER SCIENCES

1st Place: Evan Haleg
Yahtzee!
Lynn Vogel
St. Agnes Middle School

2nd Place: Tyran Vestal
Quick Computations
Darlene Henne
Pleasant View Middle School

3rd Place: Brianna Cubellis
How Average Squared
Displacements Helps Predict the
Number of Steps in a Random
Walk
J. Lloyd Hinsley
Mansfield Middle School

4th Place: Andrew Gunnett
Going, Going, Gone
Carolyn Mulkey
Billings Middle School

MEDICINE AND HEALTH

1st Place: Savanna Steffen
SPF50 . . . Use It
Darlene Henne
Pleasant View Middle School

2nd Place: Jacob Beam
Physical Activity Affects Lung
Capacity
Darlene Henne
Pleasant View Middle School

Abigail Horton
Snack Attack: Good vs. Evil
Lynn Vogel
St. Agnes Middle School

MEDICINE AND HEALTH (cont.)

3rd Place: Sierra Strunk
The Effects of Salicylic Acid on
Daphnia Heart Rate
J. Lloyd Hinsley
Mansfield Middle School

Sarah Gutzke
Lead Content of Children's
Jewelry & Toys
Laura Stroup
Summit Preparatory School

4th Place: Emily Smid
Sanitized Students – Beat the
Bug
Timothy Hayes
Immaculate Conception

Brittany Groves
Three a Day
Carolyn Mulkey
Billings Middle School

MICROBIOLOGY

1st Place: Sierra Tasker
Yeast Pressure
Giselle Stewart
Manes Middle School

2nd Place: Valerie Quirk
The Power of Green Tea vs.
Mouthwash
Laura Stroup
Summit Preparatory School

3rd Place: Lydia Smith
Honey
Laura Stroup
Summit Preparatory School

4th Place: Lee Viorel
Germ Busters
Lynn Vogel
St. Agnes Middle School

PHYSICS

1st Place: Julia Bumberry
Up, Up & Away: A Hot Air Balloon
Experiment
Timothy Hayes
Immaculate Conception

PHYSICS (cont.)

2nd Place: Trey Jones
The Effect of Various
Temperatures on the Strength of
Magnets
J. Lloyd Hinsley
Mansfield Middle School

Keith Cissell
Need for Speed
Lynn Vogel
St. Agnes Middle School

3rd Place: Robert Kelly
The Strength in Numbers
Rebecca Jamieson-Pugh
Hickory Hills Middle School

Issac Gray
Does Your Golf Ball Make You a
"Tiger"?
Miriam Jump
St. Joseph Middle School

4th Place: Michael Bulfer
The Effect of Type of Terrain on
Distance a Marble Travels
Lannie Hinote
Skyline Middle School

Allen Phillips
Ready, Set, Launch
Lynn Vogel
St. Agnes Middle School

ZOOLOGY

1st Place: Kaylee Caldwell
Enlightened Chickens
Carolyn Mulkey
Billings Middle School

2nd Place: Jacob Merrit
Zach O'Conner
MSBC (Mice Stimulated by
Caffeine)
Heather Aust
Ozark Junior High

JUNIOR DIVISION PLACEMENT AWARDS

ZOOLOGY (cont.)

3rd Place: McKenzie Gott
Artemia – Testing the Limits of
Alcohol on Hatching
Darlene Henne
Pleasant View High School

4th Place: Gray Malkmus
Will Triops Grow Better in
Different Kinds of Water?
Laura Stroup
Summit Preparatory School

THE 2008 SENIOR DIVISION



PLACEMENT AWARD WINNERS!

SENIOR DIVISION PLACEMENT AWARDS

BEHAVIORAL AND SOCIAL SCIENCES

1st Place: Molly Carnahan
Alice Haseltine
Battle of Bands
Todd Van Gorden
Greenwood Lab School

2nd Place: Amy Shaver
Jennifer Bickert
Effects of Weather on Mood
Tabitha Shaver
Hartville High School

Sara Riley
The Brains Behind Where is
Waldo?
Peggy Veatch
Thayer High School

3rd Place: Katie Bradley
Aromatherapy for Horses
Charlotte Mistler
Logan-Rogersville HS

Kelly Quirk
Jackie Emerick
The Effect of Right/Left Brain
Character on Perception
Pam Probert
Mansfield High School

4th Place: Jennifer Gomez
Effects of Gender on Short
Term Memory
Tabitha Shaver
Hartville High School

Jennifer Barnes
To Tell The Truth
Jennifer Bryant
Hillcrest High School

BIOCHEMISTRY

1st Place: Josh Dorcy
Effect of Endocrine Disruptors
on *Raphanus*
Pam Probert
Mansfield High School

2nd Place: Taylor Aiken
Identification of B-
casomorphin-7 in Dairy
Products
Todd Van Gorden
Greenwood Lab School

BIOCHEMISTRY (cont.)

3rd Place: Jessica Forrester
Jenna Miller
DNA in Onions
Carolyn Mulkey
Billings High School

BOTANY

1st Place: Tron Sherman
The Effects of Reflected Light
From Varied Colors of Mulch
on *Phaseolus Vulgaris* Seeds
Pam Probert
Mansfield High School

2nd Place: Meredith Lindberg
Increasing the Water Holding
Capacity of Sand – Is There
Hope for Drought-Stricken
Areas?
Peggy Veatch
Thayer High School

3rd Place: Grace Prewitt
Effectiveness of Herbal
Remedies to Improve the
Health of Tomato Plants
Charlotte Mistler
Logan-Rogersville HS

4th Place: Sharyn Cook
Joey Ming
The Effects of Soil Type &
Water Amount on Plant
Growth
Tabitha Shaver
Hartville High School

CHEMISTRY

1st Place: Devin Moore
Carter Cunningham
Light Emissions of
Chemiluminescent Reactions
Charlotte Mistler
Logan-Rogersville HS

2nd Place: Lyndsay Burke
Alicia Taylor
The Effect of Temperature on
Vitamin C in Juice
Tabitha Shaver
Hartville High School

CHEMISTRY (cont.)

3rd Place: Paige Bolduc
The Effectiveness of the
Active Ingredients in Antacids
Charlotte Mistler
Logan-Rogersville HS

4th Place: Veronica Buchanan
How Safe Is Your Baby?
Jennifer Bryant
Hillcrest High School

EARTH/SPACE SCIENCE

1st Place: Erin Dierksen
A Toxicology Study of Cu and
Cr on Radish Seeds
Pam Probert
Mansfield High School

2nd Place: Ashley Dameron
How Ice Thickness Affects
Impact Craters on Europa
Rick Snyder
Kickapoo High School

3rd Place: Stephanie Anderson
Effects of Oceanic
Temperature on pH and CO₂
Storage Capacity
Rick Snyder
Kickapoo High School

4th Place: Zachary Saunders
The Effects of a Sulfur Dioxide
Rich Environment on Mars
Rick Snyder
Kickapoo High School

ENGINEERING

1st Place: Kati Sherman
Enhancing Concrete Stability
Under Acid Attack
Pam Probert
Mansfield High School

2nd Place: Canin Christell
Intelligent Task Coordination
with Multiple Robots
Todd Christell
Homeschool

3rd Place: Chris Bekas
Water Generation
Ash Grove High School
Sally Keith

SENIOR DIVISION PLACEMENT AWARDS

ENGINEERING (cont.)

4th Place Chase Brewer
The Power of Tape
Peggy Veatch
Thayer High School

ENVIRONMENTAL SCIENCES

1st Place: Miles Barnhart
Recycling Carbon Dioxide for
Biofuel Production with Algae
Todd Van Gorden
Greenwood Lab School

2nd Place: Katherine Holst
Dylan Montileone
What's in Your Water?
Todd Van Gorden
Greenwood Lab School

3rd Place: Katie Mulkey
Kelsey Cochran
Watersheds
Carolyn Mulkey
Billings High School

4th Place: Ali Randolph
Air Pollution in Springfield
Jennifer Bryant
Hillcrest High School

MATHEMATICS

1st Place: Constance Quirk
Rachel Sowers
A Statistical Analysis of
Batting Averages in Stadiums
Pam Probert
Mansfield High School

2nd Place: Zack McClanahan
The Aspect Ratio of Cylinders
Tabitha Shaver
Hillcrest High School

MEDICINE AND HEALTH

1st Place: Ryan Veatch
Natural vs. OTC Remedies for
Reducing Flatulence
Peggy Veatch
Thayer Middle School

2nd Place: Caitlin Masterson
Kirsten Adamson
Can We See What You're
Hearing?
Todd Van Gorden
Greenwood Lab School

MEDICINE AND HEALTH (cont.)

3rd Place: Brad Cook
Josh Burk
Sound Levels in Springfield
Todd Van Gorden
Greenwood Lab School

4th Place: James Hunt
Range of Frequencies That
the Human Ear Can Detect
Jennifer Bryant
Hillcrest High School

MICROBIOLOGY

1st Place: Andrew Miller
Nolan Goth
Falling Off the Wagon with
Fruit Juice
Todd Van Gorden
Greenwood Lab School

2nd Place: Trevor Fenimore
Which Has More Bacteria:
Pasteurized, Chocolate, or
Unpasteurized
Jennifer Bryant
Hillcrest High School

3rd Place: Karen Ragsdale
Alicia Omohundro
How Disinfectants Affect
Growth of Bacteria on Objects
Tabitha Shaver
Hartville High School

4th Place: Lauren Johnston
Taryn Ellis
Antimicrobial Effect of
Nicotine on Bacteria
Todd Van Gorden
Greenwood Lab School

PHYSICS

1st Place: Evan Whorton
Tyler Page
Effect of Trebuchet Arm on
Projectile Accuracy
Pam Probert
Mansfield High School

2nd Place: Holli Holloway
The Effect of Shape on the
Melting Rate of Ice
Tabitha Shaver
Hartville High School

PHYSICS (cont.)

3rd Place: Thomas Auner
Sunny Qiu
Matt Hendrick
Corking the Bat
Todd Van Gorden
Greenwood Lab School

4th Place: Keenan Gore
The Frozen Baseball
Jennifer Bryant
Hillcrest High School

ZOOLOGY

1st Place: William Lawson
Thermodynamic Advantage to
Seasonal Shedding of Antlers
Stephanie Blake
Parkview High School

2nd Place: Dallas Massey
The Effects of UV Light on
Colex Mosquito Larvae
Pam Probert
Mansfield High School

3rd Place: Anisha Rimal
Studies on Cryopreservation
in Examining Horses
Arbindra Rimal
Greenwood Lab School

4th Place: Lacie Vitzthum
The Growth of Worms
Jennifer Bryant
Hillcrest High School

**THE 2008
JUNIOR & SENIOR
DIVISION**



**SPECIAL AWARD
WINNERS!**

SPECIAL AWARDS

AMERICAN CHEMICAL SOCIETY, OZARKS SECTION

The Ozark ACS Senior Division Award of a Certificate Award

Senior Division: Joshua Priest
The Efficiency of Biofuels
Peggy Veatch
Thayer High School

AMERICAN SOCIETY OF MAMMALOGISTS

Certificates of Award

Junior Division: Josh Carroll
Teach an Old Horse New Tricks
Lynn Vogel
St. Agnes Middle School

Senior Division: William Lawson
Thermodynamic Advantages to Seasonal Shedding of Antlers
Stephanie Blake
Parkview High School

THE ASM INTERNATIONAL FOUNDATION

Certificate of Award

Senior Division: Kati Sherman
Enhancing Concrete Stability Under Acid Attack
Pam Probert
Mansfield High School

THE AMERICAN METEOROLOGICAL SOCIETY

Certificate of Award

Senior Division: Erin Cady
Kate Mattax
Climate Changes & Its Effects on Water Quality
Todd Van Gorden
Greenwood Lab School

THE ASSOCIATION OF WOMEN GEOSCIENTISTS

Certificate of Recognition

Senior Division: Stephanie Anderson
Effects of Oceanic Temperature on pH & CO₂ Storage Capacity
Rick Snyder
Kickapoo High School

BAKER CHAIR OF INSURANCE/GAMMA IOTA SIGMA AWARD

\$50 Cash & Certificate of Achievement

Senior Division: Veronica Buchanan
How Safe Is Your Baby?
Jennifer Bryant
Hillcrest High School

IRENE BRUNER MEMORIAL AWARD

\$25 Cash & Certificate

Junior Division: Brianna Love
Magnets + Plants = ?
Lynn Vogel
St. Agnes Middle School

CITY OF SPRINGFIELD – SOLID WASTE DIVISION

Recycled T-Shirt

Junior Division: Sarah Nichols
Which Paper Degrades the Fastest?
Laura Stroup
Summit Preparatory

Senior Division: Miles Barnhart
Recycling Carbon Dioxide for Biofuel Production with Algae
Todd Van Gorden
Greenwood Lab School

Aaron Baker
Further Studies into Use of Waste Materials as Insulators
Tabitha Shaver
Hartville High School

CITY UTILITIES OF SPRINGFIELD

\$100 Cash Award

Junior Division: Nicholas Roth
A Wind, Wind Situation
Lynn Vogel
St. Agnes Middle School

Senior Division: Miles Barnhart
Recycling Carbon Dioxide for Biofuel
Todd Van Gorden
Greenwood Lab School

CONSTELLATION CLUB – TROPHIES ETC. "GALAXY EXPLORERS" AWARD

Plaque & \$25 Cash to each

Junior Division: Maggie Bullard
The Sun's Magnetic Personality
Timothy Hayes
Immaculate Conception

Junior Division: Julia Bumberry
Up, Up & Away: A Hot Air Balloon Experiment
Timothy Hayes
Immaculate Conception

Senior Division: Canin Christell
Intelligent Task
Coordination with Multiple Robots
Todd Christell
Homeschool

Zachary Saunders
Effects of a Sulfur Dioxide Rich Environment on Mars
Rick Snyder
Kickapoo High School

DISCOVERY EDUCATION'S YOUNG SCIENTIST CHALLENGE

Eligibility to Compete in the Next Level of Competition

Junior Division: Sam Jones
The Effects of Playing Video Games While Listening to Music
Laura Stroup
Summit Preparatory

SPECIAL AWARDS

DISCOVERY EDUCATION'S YOUNG SCIENTIST CHALLENGE (cont.)

Junior Division: Theo Shuler
How Reliable Are Eye Witnesses' Testimonies?
Laura Stroup
Summit Preparatory

Kristine Schoeder
Stains Be Gone
Lynn Vogel
St. Agnes Middle School

Lindsay Marmouget
Stains . . . Not My Cup of Tea
Lynn Vogel
St. Agnes Middle School

Lexi Sherman
The Effects of Temperature & Time on Germination & Growth of Bean Seeds
J. Lloyd Hinsley
Mansfield Middle School

Melissa Edwards
The Effects of Seed Mass on a Plant's Germination & Stem Length on a Bean Plant
J. Lloyd Hinsley
Mansfield Middle School

Jimmy Rossiter
Pennies in Fresh Water, Salt Water, & Open Air
Miriam Jump
St. Joseph Middle School

Clarissa Gutierrez
Can I Purify Water?
Lynn Vogel
St. Agnes Middle School

Brandon Tredway
The Way I R
Lynn Vogel
St. Agnes Middle School

Leah Langenberg
Angle of Impact
Lynn Vogel
St. Agnes Middle School

DISCOVERY EDUCATION'S YOUNG SCIENTIST CHALLENGE (cont.)

Junior Division: Michael DeVoss
It's a Hit!
Lynn Vogel
St. Agnes Middle School

Zac Lawson
How Far Can You Hurl?
Darlene Henne
Pleasant View Middle School

Stuart Jump
The Effects of Lead in Soil
Miriam Jump
St. Joseph Middle School

Michelle Jarek
Committing The CO₂ Crime
Laura Stroup
Summit Preparatory

Evan Haleg
Yahtzee!
Lynn Vogel
St. Agnes Middle School

Tyran Vestal
Quick Computations
Darlene Henne
Pleasant View Middle School

Savanna Steffen
SPF50 . . . Use It
Darlene Henne
Pleasant View Middle School

Jacob Beam
Physical Activity Affects Lung Capacity
Darlene Henne
Pleasant View Middle School

Abigail Horton
Snack Attack: Good vs. Evil
Lynn Vogel
St. Agnes Middle School

Sierra Tasker
Yeast Pressure
Giselle Stewart
Manes Middle School

DISCOVERY EDUCATION'S YOUNG SCIENTIST CHALLENGE (cont.)

Junior Division: Valerie Quirk
The Power of Green Tea vs. Mouthwash
Laura Stroup
Summit Preparatory

Julia Bumberry
Up, Up & Away: A Hot Air Balloon Experiment
Timothy Hayes
Immaculate Conception

Trey Jones
The Effect of Various Temperatures on the Strength of Magnets
J. Lloyd Hinsley
Mansfield Middle School

Keith Cissell
Need for Speed
Lynn Vogel
St. Agnes Middle School

Kaylee Caldwell
Enlightened Chickens
Carolyn Mulkey
Billings Middle School

Jacob Merrit
Zach O'Conner
MSBC (Mice Stimulated by Caffeine)
Heather Aust
Ozark Junior High

DRURY UNIVERSITY

3 Hours Undergraduate Credit to each Senior High First Place Award Winner

Senior Division: Molly Carnahan
Alice Haseltine
Battle of Bands
Todd Van Gorden
Greenwood Lab School

Josh Dorcy
Effect of Endocrine Disruptors on *Raphanus*
Pam Probert
Mansfield High School

SPECIAL AWARDS

DRURY UNIVERSITY (cont.)

Senior Division: Tron Sherman
The Effects of Reflected
Light From Varied Colors
of Mulch on *Phaseolus*
Vulgaris Seeds
Pam Probert
Mansfield High School

Devin Moore
Carter Cunningham
Light Emissions of
Chemiluminescent
Reactions
Charlotte Mistler
Logan-Rogersville HS

Erin Dierksen
A Toxicology Study of Cu
& Cr on Radish Seeds
Pam Probert
Mansfield High School

Kati Sherman
Enhancing Concrete
Stability Under Acid
Attack
Pam Probert
Mansfield High School

Miles Barnhart
Recycling Carbon Dioxide
for Biofuel Production with
Algae
Todd Van Gorden
Greenwood Lab School

Constance Quirk
Rachel Sowers
A Statistical Analysis of
Batting Averages in
Stadiums
Pam Probert
Mansfield High School

Ryan Veatch
Natural vs. OTC
Remedies for Reducing
Flatulence
Peggy Veatch
Thayer Middle School

Andrew Miller
Nolan Goth
Falling Off the Wagon
with Fruit Juice
Todd Van Gorden
Greenwood Lab School

DRURY UNIVERSITY (cont.)

Senior Division: Evan Whorton
Tyler Page
Effect of Trebuchet Arm
on Projectile Accuracy
Pam Probert
Mansfield High School

William Lawson
Thermodynamic
Advantage to Seasonal
Shedding of Antlers
Stephanie Blake
Parkview High School

*6 Hours Undergraduate Credit to the Senior
High Grand Prize Award Winners*

Senior Division: Miles Barnhart
Recycling Carbon
Dioxide for Biofuel
Todd Van Gorden
Greenwood Lab School

Canin Christell
Intelligent Task
Coordination with Multiple
Robots
Todd Christell
Homeschool

EVANGEL UNIVERSITY

*\$1,500 Scholarship to each Senior Division
First Place Winner as Entering Freshmen*

Senior Division: Molly Carnahan
Alice Haseltine
Battle of Bands
Todd Van Gorden
Greenwood Lab School

Josh Dorcy
Effect of Endocrine
Disruptors on *Raphanus*
Pam Probert
Mansfield High School

Tron Sherman
The Effects of Reflected
Light From Varied Colors
of Mulch on *Phaseolus*
Vulgaris Seeds
Pam Probert
Mansfield High School

EVANGEL UNIVERSITY (cont.)

Senior Division: Devin Moore
Carter Cunningham
Light Emissions of
Chemiluminescent
Reactions
Charlotte Mistler
Logan-Rogersville HS

Erin Dierksen
A Toxicology Study of Cu
& Cr on Radish Seeds
Pam Probert
Mansfield High School

Kati Sherman
Enhancing Concrete
Stability Under Acid
Attack
Pam Probert
Mansfield High School

Miles Barnhart
Recycling Carbon Dioxide
for Biofuel Production with
Algae
Todd Van Gorden
Greenwood Lab School

Constance Quirk
Rachel Sowers
A Statistical Analysis of
Batting Averages in
Stadiums
Pam Probert
Mansfield High School

Ryan Veatch
Natural vs. OTC
Remedies for Reducing
Flatulence
Peggy Veatch
Thayer Middle School

Andrew Miller
Nolan Goth
Falling Off the Wagon
with Fruit Juice
Todd Van Gorden
Greenwood Lab School

Evan Whorton
Tyler Page
Effect of Trebuchet Arm
on Projectile Accuracy
Pam Probert
Mansfield High School

SPECIAL AWARDS

EVANGEL UNIVERSITY (cont.)

Senior Division: William Lawson
Thermodynamic
Advantage to Seasonal
Shedding of Antlers
Stephanie Blake
Parkview High School

EXPANDING YOUR HORIZONS: WOMEN IN SCIENCE

Certificate of Award

Junior Division: Savanna Steffen
SPF 50: Use It
Darlene Henne
Pleasant View MS

Senior Division: Anisha Rimal
Studies on
Cryopreservation in
Examining Horses
Albindra Rimal
Greenwood Lab School

GREATER OZARK AUDOBON SOCIETY "ENVIRONMENTAL AWARENESS AWARD"

*One Year Membership in the National
Audubon Society & Bird Identification Book*

Junior Division: Jordan Francis
Our Feathered Friends
Rebecca Jamieson-Pugh
Hickory Hills MS

THE GREENE COUNTY GROUNDWATER GUARDIAN AWARD (sponsored by the GREENE COUNTY RESOURCE MANAGEMENT DEPARTMENT)

*Plaque & Tickets to Discovery Center &
Fantastic Caverns*

Junior Division: Emma Thomas
Acid in Water
Lynn Vogel
St. Agnes Middle School

HERBERT HOOVER PRESIDENTIAL LIBRARY ASSOCIATION "YOUNG ENGINEER AWARD"

Certificate of Award & Medallion

Senior Division: Canin Christell
Intelligent Task
Coordination with Multiple
Robots
Todd Christell
Homeschool

HORAN & BECKER MEDICAL SCIENCE AWARD (sponsored by HORAN & BECKER, DDS, AFFILIATED ORAL SURGEONS)

\$100 Health Science Award

Senior Division: Ryan Veatch
Natural vs. OTC
Remedies for Reducing
Flatulence
Peggy Veatch
Thayer High School

INTEL "EXCELLENCE IN COMPUTER SCIENCE" AWARD

Certificate of Award & \$200 Cash

Senior Division: Canin Christell
Intelligent Task
Coordination with Multiple
Robots
Todd Christell
Homeschool

INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERS

Certificate of Award

Senior Division: Canin Christell
Intelligent Task
Coordination with Multiple
Robots
Todd Christell
Homeschool

MISSOURI DEPARTMENT OF CONSERVATION

Plaque, Field Guide, CD & DVD

Junior Division: Stuart Jump
The Effects of Lead in Soil
Miriam Jump
St. Joseph School

Senior Division: William Lawson
Thermodynamic
Advantages to Seasonal
Shedding of Antlers
Stephanie Blake
Parkview High School

MISSOURI MASTER NATURALIST AWARD, JUNIOR DIVISION

Certificate of Award & \$50 Cash

Junior Division: Sarah Nichols
Which Paper Degrades
Fastest?
Laura Stroup
Summit Preparatory

MISSOURI MASTER NATURALIST AWARD, SENIOR DIVISION

Certificate of Award & \$50 Cash

Senior Division: William Lawson
Thermodynamic
Advantages to Seasonal
Shedding of Antlers
Stephanie Blake
Parkview High School

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY

Certificates to students & plaques to teachers

Junior Division: Lexi Sherman
The Effects of
Temperature & Time on
Germination & Growth of
Bean Seeds
J. Lloyd Hinsley
Mansfield Middle School

Stuart Jump
The Effects of Lead in Soil
Miriam Jump
St. Joseph Middle School

SPECIAL AWARDS

MISSOURI STATE UNIVERSITY DEPARTMENT OF BIOLOGY (cont.)

Senior Division: Sierra Strunk
The Effects of Salicylic Acid on *Daphnia* Heart
J. Lloyd Hinsley
Mansfield Middle School

Sierra Tasker
Yeast Pressure
Giselle Stewart
Manes Middle School

Kaylee Caldwell
Enlightened Chickens
Carolyn Mulkey
Billings Middle School

Rebecca Hardman
How Electricity Affects the Germination & Growth of *Brassica Rapa*
Rick Snyder
Kickapoo High School

Katherine Holst
Dylan Montileone
What's In Your Water?
Todd Van Gorden
Greenwood Lab School

Ryan Veatch
Natural vs. OTC
Remedies for Reducing Flatulence
Peggy Veatch
Thayer High School

Senior Division: Andrew Miller
Nolan Goth
Falling Off the Wagon with Fruit Juice
Todd Van Gorden
Greenwood Lab School

William Lawson
Thermodynamic Advantage to Seasonal Shedding of Antlers
Stephanie Blake
Parkview High School

\$1,000 Work/Study Award

Senior Division: Katherine Holst
Dylan Montileone
What's In Your Water?
Todd Van Gorden
Greenwood Lab School

MISSOURI STATE UNIVERSITY COLLEGE OF NATURAL AND APPLIED SCIENCES

\$50 Cash Award

Junior Division: Stuart Jump
The Effects of Lead in Soil
Miriam Jump
St. Joseph Middle School

Senior Division: Miles Barnhart
Recycling Carbon Dioxide for Biofuel
Todd Van Gorden
Greenwood Lab School

Senior Division: Canin Christell
Intelligent Task
Coordination with Multiple Robots
Todd Christell
Homeschool

MISSOURI STATE UNIVERSITY DEPARTMENT OF PHYSICS, ASTRONOMY & MATERIALS SCIENCE

Certificate of Award

Senior Division: Thomas Auner
Sunny Qiu
Matt Hendrick
Corking the Bat
Todd Van Gorden
Greenwood Lab School

Senior Division: Keenan Gore
The Frozen Baseball
Jennifer Bryant
Hillcrest High School

Holli Holloway
Effects of Shape on Melting of Ice
Tabitha Shaver
Hartville High School

LOU & NADINE MOORE MEMORIAL AWARD

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

Junior Division: Devin Merz
How Hard Is Your Math?
Lynn Vogel
St. Agnes Middle School

Taylor Lower
Morning, Noon or Night?
Miriam Jump
St. Joseph Middle School

MU ALPHA THETA NATIONAL MATHEMATICS HONOR SOCIETY

Certificate of Award

Senior Division: Constance Quirk
Rachel Sowers
An Analysis of Batting Averages in Stadiums
Pam Probert
Mansfield High School

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Certificate of Award

Senior Division: Erin Cady
Kate Mattax
Climate Changes & Its Effects on Water Quality
Todd Van Gorden
Greenwood Lab School

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS "INNOVATIVE ENGINEERING" AWARD

Certificate of Award & Lapel Pin

Senior Division: Kati Sherman
Enhancing Concrete Stability Under Acid Attack
Pam Probert
Mansfield High School

SPECIAL AWARDS

RICOH CORPORATION

Certificate of Award & Progression to National Competition

Senior Division: Joshua Priest
The Efficiency of Biofuels
Peggy Veatch
Thayer High School

SCHNEIDER FOUNDATION (in cooperation with the Community Foundation of the Ozarks)

\$200 Cash & Certificate

Junior Division: Lexi Sherman
The Effects of
Temperature & Time on
Germination & Growth on
Bean Seeds
J. Lloyd Hinsley
Mansfield Middle School

Kristine Schoeder
Stains Be Gone
Lynn Vogel
St. Agnes Middle School

Julia Bumberry
Up, Up & Away: A Hot Air
Balloon Experiment
Timothy Hayes
Immaculate Conception

Stuart Jump
The Effects of Lead in Soil
Miriam Jump
St. Joseph Middle School

Savanna Steffen
SPF 50: Use It
Darlene Henne
Pleasant View Middle
School

\$500 Cash & Certificate

Senior Division: Ryan Veatch
Natural vs. OTC
Remedies for Reducing
Flatulence
Peggy Veatch
Thayer High School

SCHNEIDER FOUNDATION (in cooperation with the Community Foundation of the Ozarks) (cont.)

Senior Division: Josh Dorcy
Effects of Endocrine
Disruptors on *Raphanus*
Pam Probert
Mansfield High School

Miles Barnhart
Recycling Carbon Dioxide
for Biofuel
Todd Van Gorden
Greenwood Lab School

Tron Sherman
Effects of Reflected Light
on Bean Seeds
Pam Probert
Mansfield High School

Canin Christell
Intelligent Task
Coordination with Multiple
Robots
Todd Christell
Homeschool

THE SMITH-GLYNN-CALLOWAY MEDICAL FOUNDATION AWARD

\$150 Cash Award

Senior Division: James Hunt
Range of Frequencies
That the Human Ear
Hears
Jennifer Bryant
Hillcrest High School

Ryan Veatch
Natural vs. OTC
Remedies for Reducing
Flatulence
Peggy Veatch
Thayer High School

Kirtana Viswanathan
Prevention of Bowel
Inflammation in
Premature Infants
Lynn Vogel
Springfield Catholic

THE SMITH-GLYNN-CALLOWAY MEDICAL FOUNDATION AWARD (cont.)

\$250 Cash Award

Senior Division: Brad Cook
Josh Burke
Sound Levels in
Springfield, MO
Todd Van Gorden
Greenwood Lab School

\$300 Cash Award

Senior Division: Caitlin Masterson
Kirsten Adamson
Can We See What You're
Hearing?
Todd Van Gorden
Greenwood Lab School

SOCIETY FOR SCIENCE & THE PUBLIC

Certificate of Award & Progression to National Competition

Junior Division: Sam Jones
The Effects of Playing
Video Games While
Listening to Music
Laura Stroup
Summit Preparatory

Theo Shuler
How Reliable Are Eye
Witnesses' Testimonies?
Laura Stroup
Summit Preparatory

Kristine Schoeder
Stains Be Gone
Lynn Vogel
St. Agnes Middle School

Lindsay Marmouget
Stains . . . Not My Cup of
Tea
Lynn Vogel
St. Agnes Middle School

Lexi Sherman
The Effects of
Temperature & Time on
Germination & Growth of
Bean Seeds
J. Lloyd Hinsley
Mansfield Middle School

SPECIAL AWARDS

SOCIETY FOR SCIENCE & THE PUBLIC (cont.)

Junior Division: Melissa Edwards
The Effects of Seed Mass
on a Plant's Germination
& Stem Length on a Bean
Plant
J. Lloyd Hinsley
Mansfield Middle School

Jimmy Rossiter
Pennies in Fresh Water,
Salt Water, & Open Air
Miriam Jump
St. Joseph Middle School

Clarissa Gutierrez
Can I Purify Water?
Lynn Vogel
St. Agnes Middle School

Brandon Tredway
The Way I R
Lynn Vogel
St. Agnes Middle School

Leah Langenberg
Angle of Impact
Lynn Vogel
St. Agnes Middle School

Michael DeVoss
It's a Hit!
Lynn Vogel
St. Agnes Middle School

Zac Lawson
How Far Can You Hurl?
Darlene Henne
Pleasant View Middle
School

Stuart Jump
The Effects of Lead in Soil
Miriam Jump
St. Joseph Middle School

Michelle Jarek
Committing The CO₂
Crime
Laura Stroup
Summit Preparatory

Evan Haleg
Yahtzee!
Lynn Vogel
St. Agnes Middle School

SOCIETY FOR SCIENCE & THE PUBLIC (cont.)

Junior Division: Tyran Vestal
Quick Computations
Darlene Henne
Pleasant View Middle
School

Savanna Steffen
SPF50 . . . Use It
Darlene Henne
Pleasant View Middle
School

Jacob Beam
Physical Activity Affects
Lung Capacity
Darlene Henne
Pleasant View Middle
School

Abigail Horton
Snack Attack: Good vs.
Evil
Lynn Vogel
St. Agnes Middle School

Sierra Tasker
Yeast Pressure
Giselle Stewart
Manes Middle School

Valerie Quirk
The Power of Green Tea
vs. Mouthwash
Laura Stroup
Summit Preparatory

Julia Bumberry
Up, Up & Away: A Hot Air
Balloon Experiment
Timothy Hayes
Immaculate Conception

Trey Jones
The Effect of Various
Temperatures on the
Strength of Magnets
J. Lloyd Hinsley
Mansfield Middle School

Keith Cissell
Need for Speed
Lynn Vogel
St. Agnes Middle School

SOCIETY FOR SCIENCE & THE PUBLIC (cont.)

Junior Division: Kaylee Caldwell
Enlightened Chickens
Carolyn Mulkey
Billings Middle School

Jacob Merrit
Zach O'Conner
MSBC (Mice Stimulated
by Caffeine)
Heather Aust
Ozark Junior High

SOCIETY OF MANUFACTURING ENGINEERS

Certificate & Calculator

Junior Division: Nicholas Roth
A Wind, Wind Situation
Lynn Vogel
St. Agnes Middle School

Senior Division: Chase Brewer
The Power of Tape
Peggy Veatch
Thayer Middle School

Canin Christell
Intelligent Task
Coordination with Multiple
Robots
Todd Christell
Homeschool

SOUTHWEST MISSOURI SOLAR ENERGY ASSOCIATION

Certificate of Award

Junior Division: Nick Gardner
Solar Speedway
Miriam Jump
St. Joseph Middle School

Maggie Bullard
The Sun's Magnetic
Personality
Timothy Hayes
Immaculate Conception

Senior Division: Blaine Cheek
Changing a Simple Solar
Cell for More Efficiency
Jennifer Bryant
Hillcrest High School

SPECIAL AWARDS

SPRINGFIELD/GREENE COUNTY ENVIRONMENTAL ADVISORY BOARD

\$50 Cash

Senior Division: Kamber Brown
Wind Speed & Dew
Points Influence on
Radon Levels
Rick Snyder
Kickapoo High School

SPRINGFIELD/GREENE COUNTY ENVIRONMENTAL ADVISORY BOARD "INNOVATIVE ENVIRONMENTAL PROJECT" AWARD

\$50 Cash

Senior Division: Michelle Jarek
Greenhouse Gases:
Committing the CO₂
Crime
Laura Stroup
Summit Preparatory

UNITED STATES ARMY – Excellence in Biology

Certificate of Award & Daypack Calculator

Senior Division: Brad Cook
Josh Burk
Sound Levels in
Springfield, MO
Todd Van Gorden
Greenwood Lab School

UNITED STATES ARMY – Excellence in Chemistry

Certificate of Award & Daypack Calculator

Senior Division: Veronica Buchanan
How Safe Is Your Baby?
Jennifer Bryant
Hillcrest High School

UNITED STATES ARMY – Excellence in Engineering

Certificate of Award & Daypack Calculator

Senior Division: Blaine Cheek
Changing a Simple Solar
Cell for More Efficiency
Jennifer Bryant
Hillcrest High School

UNITED STATES ARMY – Excellence in Environmental Science

Certificate of Award & Daypack Calculator

Senior Division: Katherine Holst
Dylan Montileone
What's in Your Water?
Todd Van Gorden
Greenwood Lab School

UNITED STATES ARMY – Excellence in Physics

Certificate of Award & Daypack Calculator

Senior Division: Holli Holloway
The Effects of Shape on
the Melting Rate of Ice
Tabitha Shaver
Hartville High School

UNITED STATES ARMY – Award of Excellence

Bronze Medallion

Senior Division: Katherine Holst
Dylan Montileone
What's in Your Water?
Todd Van Gorden
Greenwood Lab School

UNITED STATES METRIC ASSOCIATION

Certificate of Award

Senior Division: Josh Priest
The Efficiency of Biofuels
Peggy Veatch
Thayer High School

UNITED STATES NAVY/MARINE CORPS

Medal & Certificate of Award

Junior Division: Bailey Mittman
To Compete or Not
Compete: That is the
Question
Laura Stroup
Summit Preparatory

Jacob Merrit
Zach O'Connor
MSBC (Mice Stimulated
By Caffeine)
Heather Aust
Ozark Junior High

UNITED STATES NAVY/MARINE CORPS (cont.)

Junior Division: Steven Schupbach
Shrinking Solutions
Robin Hilton
Clever Middle School

Patrick Ashcraft
Jesse Adams
The Simple Electric
Generator
Heather Aust
Ozark Junior High

Trey Jones
The Effect of Various
Temperatures on Strength
of Magnets
J. Lloyd Hinsley
Mansfield Middle School

Senior Division: James Hunt
Range of Frequencies
That the Human Ear Can
Hear
Jennifer Bryant
Hillcrest High School

Medal, \$50 Gift Certificate & Certificate of Award

Senior Division: Brad Cook
Josh Burk
Sound Levels in
Springfield, MO
Todd Van Gorden
Greenwood Lab School

Evan Whorton
Tyler Page
Effect of Trebuchet Arm
on Projectile Accuracy
Pam Probert
Mansfield High School

Lindsay Burke
Alicia Taylor
The Effect of Temperature
on Vitamin C in Juice
Tabitha Shaver
Hartville High School

SPECIAL AWARDS

UNITED STATES DEPARTMENT OF HEALTH & HUMAN SERVICES

Certificate of Award & Binder

Senior Division: Ryan Veatch
Natural vs. OTC
Remedies for Reducing
Flatulence
Peggy Veatch
Thayer High School

WALLACE WEBER MEMORIAL AWARD FOR BOTANY

\$25 Cash & Certificate of Award for Outstanding Botany Project

Junior Division: Grace Prewitt
Herbal Remedies to Slow
the Growth of Crown Gall
Charlotte Mistler
Logan-Rogersville HS

WATER ENVIRONMENT FEDERATION/STOCKHOLM WATER PRIZE

Certificate of Award, Advancement to National Level Competition

Senior Division: Kelsey Cochran
Katie Mulkey
Watersheds
Carolyn Mulkey
Billings High School

WATERSHED COMMITTEE OF THE OZARKS

\$50 Cash Award

Junior Division: Alex Goans
Feeding Nemo
Lynn Vogel
St. Agnes Middle School

Senior Division: Kelsey Cochran
Katie Mulkey
Watersheds
Carolyn Mulkey
Billings High School

YALE SCIENCE & ENGINEERING ASSOCIATION, INC.

Award Certificate

Senior Division: Matt Reese
Mac Collins
Design of an Oceanic
Chemical Mapping
Instrument
Fred Fotsch
Glendale High School

THE REGIONAL FAIR DIRECTOR EMERITUS "SYLVIA SPEAR MEMORIAL AWARD"

\$25 Cash to a First Time Teacher.

Timothy Hayes
Immaculate Conception Middle School

POSITRONIC INDUSTRIES TEACHER AWARD

This cash award of \$75 is awarded to the Teacher, Junior High, Middle School or Senior High, with the most total entries. The recipient of the Positronic Award for 2008 is:

Lynn Vogel
St. Agnes Middle School

OZARKS SCIENCE & ENGINEERING FAIR FOUNDATION 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 2008 is:

Miriam Jump
St. Joseph Middle School

OZARKS SCIENCE & ENGINEERING FAIR FOUNDATION 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 2008 are:

Todd Van Gorden
Greenwood Lab School

Todd Christell
Homeschool



The Ozarks Science & Engineering Fair Steering Committee would like to extend a very special Thank You and acknowledgement to Head Football Coach Terry Allen, Assistant Coach-Defensive Line Derrick LeBlanc & the Missouri State Football Bears for their generous donation of time and effort in setting up and dismantling the Fair.



Go Bears!



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. Georgianna Saunders' BIO 100 Class
- Dr. Roberta Aram's ELE 434 Class
- Michelle Hulett's CIS 101 Classes
- Missouri State University Biology Department
- Missouri State University Football Team & Coaches (Go BEARS!)
- Missouri State University Pre-Medical Society
- Missouri State University Wrestling Club
- Sue McCrory's CIS 101 & RIL 211 Classes
- Dr. Janice Greene's BIO 205 Class
- Kelly Hansen's IDS 110 Class
- Citizenship & Service Learning Students
- Theta Chi, Iota Beta Chapter
- Harry Shea's CSC 101 Class
- Aimee Marcello's CIS 101 Class
- Dr. Meyer's GRY 108 Class
- Alpha Phi Omega, Beta Mu Chapter
- Dr. Cheryl Schaefer's PHY 123 Class

In addition, nearly 200 judges from local colleges, companies and organizations donated their time and expertise Tuesday evening to judge the approximately 400 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 Maschino's for their generous donation of 48 umbrella bases, and to Robinett Business Systems for their generous donation of a copier.

In addition, we would like to recognize Allen Rents for their continuing support of the Fair by providing a substantial number of the folding tables used during the Fair.

Finally, we especially want to acknowledge the generous donation contributed by Positronic Industries, Schneider Foundation, and F & H Food Equipment Company toward the substantial travel expenses incurred by the Senior Division Grand Prize Winners for travel to the 2008 International Science & Engineering Fair in Atlanta, Georgia.

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