

UPDATED MARCH 12, 2004

American Meteorological Society: For Outstanding Achievement in Meteorological Science.

Name	Grade	School	County	Title
Andrew Strehl	8	St. Leo School	Woodford	Spinning the Wind
Josiah Brock	8	Model Laboratory Middle School	Madison	How does the temperature of moving air affect the motion of a frictionless sail?

The International Society for Optical Engineering provides on certificate and a chance for a \$100 prize.

Name	Grade	School	County	Title
Ben Nosarzewski	8	Morton Middle	FY	Index of Refraction

The National Society for Engineers gave 1 certificate, lapel pin and subscription to Engineering Times to an outstanding Engineering project.

Name	Grade	School	County	Title
Michael Edwards	8	West Jessamine Middle School	Jessamine	Wing Design & Dynamics

Tri-Beta Awards

The University of Kentucky has a chapter of Beta Beta Beta, the honorary society for biology. \$25 dollar award.

Name	Grade	School	County	Title
Roshan Palli	5	Meadowthorpe Elem	FY	Nature's Bug Busters

U. S. Metric Association

A certificate award is presented to a student whose project is outstanding in its incorporation of quantitative measurements and use of SI units.

Name	Grade	School	County	Title
Cyrus Saffari	6	Bryan Station Middle School	FY	Breathe in, Breathe out

U. S. Public Health Service Award

The Surgeon General's special award certificate is presented to a student whose project focuses on promoting healthy lifestyles through the benefits physical activity, balanced nutrition, and/or avoidance of tobacco.

Name	Grade	School	County	Title
Cyrus Saffari	6	Bryan Station Middle School	FY	Breathe in, Breathe out

Herbert Hoover Young Engineer Award

This award of a medallion and certificate is presented to an outstanding project in the senior division relating to engineering fundamentals and their communication.

Name	Grade	School	County	Title
Navid (John) Soleimani-Meigooni	10	Henry Clay High School	FY	Spatially Fractionated Radiation (GRID) beam Dosimetry using Film and TLD

Kodak Photography Award

This is a prize of a photo kit and camera presented for the best use of photography in collecting information and developing a science fair project.

Name	Grade	School	County	Title
Ann Cooper	7	Morton Middle School	FY	Soil Erosion and Grass Growth
Gregory Weinberger	9	West Jessamine High School	Jessamine	Transpiration: Wet or Dry

Technical Sergeant Ronald Albert from The United States Air Force honored the following projects with certificates and pins.

Name	Grade	School	County	Title
Kelsey Carlstedt	8	West Jessamine Middle	Jessamine	Logically Speaking: Are you laterally thinking?
Zachary Whaley	7	SCAPA Bluegrass	FY	The effects of age on steadiness of hands.
Christopher Henry	7	West Jessamine Middle	Jessamine	Do you have a bunny inside?
Ben Jacoby	6	St. Leo School	Woodford	Pitch, Yaw and Roll
Matthew Powell	5	Glendover elementary	FY	Gauss's Gun
Navid Soleimani-Meigooni	10	Henry Clay High School	FY	Spatially Fractionated Radiation (GRID) beam Dosimetry using Film and TLD
Erin Bellhorn	4	SCAPA Bluegrass	FY	How much can you remember ? The effect of quantity on memory.
Jonathan Gettlefinger	4	Stonewall Elementary	FY	Ball Blaster

U. S. Army Awards

The United States Army honors projects with certificates.

Name	Grade	School	County	Title
Naivid (John) Soleimani-Meigooni	10	Henry Clay	FY	Spatially Fractionated Radiation (GRID) beam Dosimetry using Film and TLD
Gregory Weinberger	9	West Jessamine High School	Jessamine	Transpiration: Wet or Dry

The U. S. Army may present its highest award of a bronze medallion for science/engineering excellence.

Name	Grade	School	County	Title
David Soleimani-Meigooni	12	Paul Laurence Dunbar high school	FY	A Novel Method of Enhancing Prostate Cancer Radiosensitivity by Natural Compound Curcumin

Intelligent Products Award

Mr. Dale Perry from Intelligent Products provided awards for projects that demonstrate the most creative and resourceful use of available materials in the physical and natural science areas, both in experimental design and display.

A \$50 award in senior division.

Name	Grade	School	County	Title
Gregory Weinberger	9	West Jessamine High School	Jessamine	Transpiration: Wet or Dry

A \$50 award in junior division.

Name	Grade	School	County	Title
Sarah Marks	9	St. Leo School	Woodford	Heat Wave

Contact Machining & Manufacturing

Fred and Ruth Ann Lawson (Owners) & Ray Hazard (General Manager) provided a \$100 award for a project in the area of Engineering & Physics.

Name	Grade	School	County	Title
Edwin Feurestein	8	West Jessamine Middle	Jessamine	May the Force be With You

Blue Grass Grotto Award

A \$25 award to the best project related to cave (Karst) science or engineering.

Name	Grade	School	County	Title
Ann Cooper	7	Morton Middle School	FY	Soil Erosion and Grass Growth

The University of Kentucky College of Engineering presents a monetary award for the most outstanding project relating engineering and computer science.

	Name	Grade	School	County	Title
\$100	Nick Fedorchuk	8	St. Leo School	Woodford	Cleaning Kentucky's water: The search for natural filtration

UK Department of Biology Awards

The University of Kentucky Department of Biology presents a \$25 Gift certificate to Joseph Beth Book Store for each an outstanding projects relating to the life sciences.

Senior Division

Name	Grade	School	County	Title
Gregory Weinberger	9	West Jessamine High School	Jessamine	Transpiration: Wet or Dry

Junior Division

Name	Grade	School	County	Title
Shuang Xu	7	Morton Middle School	FY	Do cut garlic bolts grow faster than uncut garlic bolts?
Jake Henderson	7	Lexington Christian Home school	FY	Animal Insulators
Jonathan Coburn	4	Lexington Christian Home school	FY	Survival of the beans
Alex DeMoll	4	SCAPA Bluegrass	FY	Will my germs grow in milk?
Tamas Nagy	5	Glendover Elementary	FY	Microbes under threat

UK Department of Psychology Awards

The University of Kentucky Department of Psychology presents a monetary award for an outstanding projects relating to Psychology.

	Name	Grade	School	County	Title
1	Elizabeth Riley	8	Winburn Middle sch	FY	More than meets the ear

American Psychological Association

American Psychological Association offers a certificate for outstanding research in psychology under the category of behavioral and social sciences. This was determined by the UK Department of Psychology representative.

Name	Grade	School	County	Title
Elizabeth Riley	8	Winburn Middle sch	FY	More than meets the ear

UK Department of Chemistry Award

The University of Kentucky Department of Chemistry presents a monetary award for an outstanding project relating to chemistry.

	Name	Grade	School	County	Title
\$50	Hannah Daniel	4	Stonewall Elementary	FY	Metals in liquids
\$25	Sarah Guthrie	8	Winburn Middle sch	FY	Color on the move
\$50	Hannah Simpson	5	Yates Elementary	FY	Professor Evaporator
\$75	Sarah West	7	SCAPA Bluegrass	FY	Osmosis Eggtrinaire: The effect of concentration of sugar on movement of water across an egg membrane
\$100	Amanda Florence	6	Crawford Middle School	FY	Let's get meltin

Junior Division

Grade 4

Awards in the junior division were presented in eight categories. Students received CKRSEF award medals and a sack of science toys.

1. Behavioral Science

Name	Grade	School	County	Title
Erin Bellhorn	4	SCAPA Bluegrass	FY	How much can you remember? The effect of quantity on memory.

2. Botany

	Name	Grade	School	County	Title
1st	Anna Fedochuk	4	St Leo school	Woodford	Winter weather heavy on our branches
2nd	Jonathan Coburn	4	Lexington Christian Home school	FY	Survival of the beans

3. Chemistry

	Name	Grade	School	County	Title
1st	Regan William	4	Juius Marks Elementary	FY	Warm up with renewable Fuels
2nd	Paul Henderson	4	St Leo school	Woodford	Floating water
3rd	Hannah Daniel	4	Stonewall elementary	FY	Metals in Liquids

4. Earth and Space Science

Name	Grade	School	County	Title
Alexie Basil	4	Maxwell elementary	FY	Seeds in Space

5. Microbiology

Name	Grade	School	County	Title
Alex DeMoll	4	SCAPA Bluegrass	FY	Will my germs grow in milk?

6. Physics

Name	Grade	School	County	Title
Johnathon Gettlefinger	4	Stonewall elementary	FY	Ball Blaster

7. Zoology

Name	Grade	School	County	Title
Brittany Lawson	4	Garden Springs Elementary	FY	Got Milk- What flavor?

8. Engineering

	Name	Grade	School	County	Title
1st	Adam Miller	4	St Leo School	Woodford	Moving magnets

OVERALL WINNERS of 4th grade

	Name	Grade	School	County	Title
1st	Regan Williams	4	Juius Marks Elementary	FY	Warm up with renewable Fuels
2nd	Anna Fedorchuk	4	St Leo School	Woodford	Winter weather heavy on our branches
3rd	Erin Bellhorn	4	SCAPA Bluegrass	FY	How much can you remember? The effect of quantity on memory.

The OVERALL winners 1st (\$25), 2nd (\$25), 3rd (\$25) were awarded gift certificates by Office Depot to Office Depot.

First place overall- was given a trophy.
 Second place overall- a large plaque.
 Third place overall- a plaque.

Grades 5 to 8

1. Behavioral Science

	Name	Grade	School	County	Title
1st	Elizabeth Riley	8	Winburn Middle Sch.	FY	More than meets the ear
2nd	Robin Fain	8	West Jessamine Sch.	Jessamine	Memory Treble
3rd	Deepa Patel	7	Meece Middle School	Pulaski	Is OBESITY hiding in your lunch

2. Botany

	Name	Grade	School	County	Title
1st	Lucy Arthur-Parati	7	Bryan Station Traditional Magnet Sch.	FY	Invasive Allelepathy
2nd	Bobbie Smith	8	Berea Community Middle School	Madison	How do pH levels of a local water samples affect plant growth?
3rd	Shuang Xu	7	Morton Middle Sch.	FY	Do cut garlic bolts grow faster than uncut garlic bolts?

3. Chemistry

	Name	Grade	School	County	Title
1st	Amanda Florence	6	Crawford Middle School	FY	Let's get meltin
2nd	Sarah West	7	SCAPA Blue grass	FY	Osmosis Eggtrinaire: The effect of concentration of sugar on movement of water across an egg membrane
3rd	Hannah Simpson	5	Yates Elementary	FY	Professor Evaporator

4. Earth and Space Science

	Name	Grade	School	County	Title
1st	Ann Cooper	7	Morton Middle	FY	Soil erosion and plant growth
2nd	Justin Graff	5	Medowthorpe Middle	FY	Testing the waters
3rd	Matther Stagnolia	5	Rosa Parks Elementary	FY	Fast as a speeding smoke ring
3rd	Sarah Marks	5	St. Leo School	Woodford	Heat wave

5. Microbiology

	Name	Grade	School	County	Title
1st	Rohith Palli	6	Winburn Middle Sch	FY	Nature's Antibiotics
2nd	Jay Schrader	6	Winburn Middle	FY	Spongetacular Showdown
3rd	Jordon Kearns	6	West Jessamine Middle Sch.	Jessamine	Yeast Feast
3rd	Hannah Shell	6	West Jessamine Middle Sch.	Jessamine	Yeast, the microscopic view

6. Physics

	Name	Grade	School	County	Title
1st	Ben Nosarzewski	7	Morton Middle School	FY	Index of refraction
2nd	Matthew Powell	5	Glendover	FY	Gauss's gun
3rd	John Rupp	8	West Jessamine Middle Sch.	Jessamine	Anyone have a light?

7. Zoology

	Name	Grade	School	County	Title
1st	Papa Chakravarthy	8	Winburn Middle	FY	Can you see me now?
2nd	Lindsay Williams	8	West Jessamine Middle Sch.	Jessamine	ICU
3rd	Michael Murray	7	Winburn Middle	FY	Maturing mouse memory

8. Engineering

	Name	Grade	School	County	Title
1st	Michael Edwards	8	West Jessamine Middle Sch.	Jessamine	Wing design dynamics
2nd	Nick Fedorchuk	8	St. Leo School	Woodford	Cleaning Kentucky's water: The search for natural filtration
3rd	Ben Jacoby	8	St. Leo School	Woodford	Pitch,yaw, and roll

9. Environmental Science

	Name	Grade	School	County	Title
1st	Bobbie Wilson	8	St. Leo School	Woodford	Sediment: It's a pain in the drain
2nd	Andy Wang	8	Winburn Middle	FY	Environmental factors vs. Dissolved Oxygen in water
3rd	Andrew Weinberger	8	West Jessamine Middle Sch.	Jessamine	Soil erosion and fertilizer

OVERALL of 5th-8th grade

	Name	Grade	School	County	Title
1st	Ben Nosarzewski	7	Morton Middle School	FY	Index of refraction
2nd	Papa Chakravarthy	8	Winburn Middle	FY	Can you see me now?
3rd	Ann Cooper	7	Morton Middle	FY	Soil erosion and plant growth

The OVERALL winners were 1st (\$50), 2nd (\$25), 3rd (\$25) were awarded gift certificates by Office Depot to Office Depot.
 First place overall- was given a trophy.
 Second place overall- a large plaque.
 Third place overall- a plaque.

Team project of 5th-8th grade

	Name	Grade	School	County	Title
1st	Ashleigh Tuttle & Cheyenne Davis	8 8	Model Middle Sch. Model Middle Sch.	Madison	What household products keeps fresher longer?

DISCOVERY CHALLENGE

The Discovery Channel Young Scientist Challenge (DCYSC) is a competition designed to award students in the 5th through 8th grades for their knowledge of science and their ability to communicate effectively about science. Each person awarded at our fair will now compete at a national level. They are to submit a series of written essays of their research as stipulated in the guide book provided to them at the fair.

The projects chosen for this award from our Regional fair are:

Name	Grade	School	County	Title
Ben Nosarzewski	7	Morton Middle School	FY	Index of refraction
Papa Chakravarthy	8	Winburn Middle	FY	Can you see me now?
Ann Cooper	7	Morton Middle	FY	Soil erosion and plant growth
Elizabeth Riley	8	Winburn Middle Sch.	FY	More than meets the ear
Lucy Arthur-Parati	7	Bryan Station Traditional Magnet Sch.	FY	Invasive Allelepathy
Amanda Florence	6	Crawford Middle School	FY	Let's get meltin
Rohith Palli	6	Winburn Middle Sch	FY	Nature's Antibiotics
Michael Edwards	8	West Jessamine Middle Sch.	Jessamine	Wing design dynamics
Bobbie Wilson	8	St. Leo School	Woodford	Sediment: It's a pain in the drain
Ashleigh Tuttle	8	Model Middle Sch.	Madison	What household products keeps fresher longer?
Cheyenne Davis	8	Model Middle Sch.	Madison	What household products keeps fresher longer?

Senior Division (HIGH SCHOOL)

Awards in the senior division were:

1. Botany

	Name	Grade	School	County	Title
1st	Gregory Weinberger	9	West Jessamine High School	Jessamine	Transpiration: Wet or Dry

2. Engineering

	Name	Grade	School	County	Title
1st	Navid Soleimani-Meigooni	10	Henry Clay high school	FY	Spatially Fractionated Radiation (GRID) beam Dosimetry using Film and TLD

3. Microbiology

	Name	Grade	School	County	Title
1st	David Soleimani-Meigooni	12	Paul Laurence Dunbar high school	FY	A Noval Method of Enhancing Prostate Cancer Radiosensitivity by Natural Compound Curcumin

OVERALL WINNERS of 9th-12 grade

	Name	Grade	School	County	Title
1st	David Soleimani-Meigooni	12	Paul Laurence Dunbar high school	FY	A Noval Method of Enhancing Prostate Cancer Radiosensitivity by Natural Compound Curcumin
2nd	Navid Soleimani-Meigooni	10	Henry Clay high school	FY	Spatially Fractionated Radiation (GRID) beam Dosimetry using Film and TLD
3rd	Gregory Weinberger	9	West Jessamine High School	Jessamine	Transpiration: Wet or Dry

The OVERALL winners received 1st (\$100), 2nd (\$75), 3rd (\$50) in gift certificates to Office DEPOT for Office Depot.

In addition the BIOLOGICAL SCIENCES / PHYSICAL SCIENCES:

First place overall - a trophy and an all-expenses-paid trip to the International Science and Engineering Fair for the student and an adult sponsor.

Second place overall - a plaque, and an all-expenses-paid trip to the International Science and Engineering Fair for the student and an adult sponsor.

PROJECTS SELECTED TO GO TO THE STATE SCIENCE AND ENGINEERING FAIR AT EASTERN KY UNIVERSITY

Name	Grade	School	County	Title
Ben Nosarzewski	7	Morton Middle School	FY	Index of refraction
Papa Chakravarthy	8	Winburn Middle	FY	Can you see me now?
Ann Cooper	7	Morton Middle	FY	Soil erosion and plant growth
Elizabeth Riley	8	Winburn Middle Sch.	FY	More than meets the ear
Lucy Arthur-Parati	7	Bryan Station Traditional Magnet Sch.	FY	Invasive Allelepathy
Amanda Florence	6	Crawford Middle School	FY	Let's get meltin
Rohith Palli	6	Winburn Middle Sch	FY	Nature's Antibiotics
Michael Edwards	8	West Jessamine Middle Sch.	Jessamine	Wing design dynamics
Bobbie Wilson	8	St. Leo School	Woodford	Sediment: It's a pain in the drain
Ashleigh Tuttle	8	Model Middle Sch.	Madison	What household products keeps fresher longer?
Cheyenne Davis	8	Model Middle Sch.	Madison	What household products keeps fresher longer?
Robin Fain	8	West Jessamine Sch.	Jessamine	Memory Treble
Deepa Patel	7	Meece Middle School	Pulaski	Is OBESITY hiding in your lunch
Bobbie Smith	8	Berea Community Middle School	Madison	How do pH levels of a local water samples affect plant growth?
Shuang Xu	7	Morton Middle Sch.	FY	Do cut garlic bolts grow faster than uncut garlic bolts?
Sarah West	7	SCAPA Bluegrass	FY	Osmosis Eggtrinaire: The effect of concentration of sugar

				on movement of water across an egg membrane
Hannah Simpson	5	Yates Elementary	FY	Professor Evaporator
Justin Graff	5	Medowthorpe Elementary	FY	Testing the waters
Jay Schrader	6	Winburn Middle	FY	Spongetacular Showdown
Matthew Powell	5	Glendover	FY	Gauss's gun
John Rupp	8	West Jessamine Middle Sch.	Jessamine	Anyone have a light?
Lindsay Williams	8	West Jessamine Middle Sch.	Jessamine	ICU
Michael Murray	7	Winburn Middle	FY	Maturing mouse memory
Nick Fedorchuk	8	St. Leo School	Woodford	Cleaning Kentucky's water: The search for natural filtration
Andy Wang	8	Winburn Middle	FY	Environmental factors vs. Dissolved Oxygen in water
David Soleimani-Meigooni	12	Paul Laurence Dunbar high school	FY	A Noval Method of Enhancing Prostate Cancer Radiosensitivity by Natural Compound Curcumin
Navid Soleimani-Meigooni	10	Henry Clay high school	FY	Spatially Fractionated Radiation (GRID) beam Dosimetry using Film and TLD
Gregory Weinberger	9	West Jessamine High School	Jessamine	Transpiration: Wet or Dry