

NC Region 4 Science and Engineering Fair Winners 2015

Elementary - Elementary (Divisional)

Honorable Mention

- (1105) MAYDAY! WHATS THE ALTITUDE?
Students: Bryston Auman
School: Star Elementary
- (1117) Age and Memory
Students: Derrick Hall
School: Long Hill Elementary
- (1123) Vitamin C Survival Test
Students: Cara Fischer
School: LaFayette Elementary
- (1138) Which Type of Wood Makes the Strongest Baseball Bat
Students: Bradley Wright
School: Page Street Elementary
- (1150) Rocking the boat
Students: Aiden Buckner
School: E Melvin Honeycutt Elem
- (1153) Nothing But Net
Students: Niyah Ladson
School: Rosenwald Elementary
- (1167) CSI: Familial Fingerprints
Students: Julia Mundy
School: E Melvin Honeycutt Elem
- (1171) Are there dangerous amounts of mercury in local ponds?
Students: Caroline Gore
School: Williams Township

Winners - Advancing to State Fair

- (1101) SWISH: The Science of Shooting Free Throws
Students: Kailtyn Zuravel
School: Vanstory Hills Elementary
- (1102) GENETICS: A Study of Dominant and Recessive Traits
Students: Lauren Zuravel
School: Vanstory Hills Elementary
- (1107) Refrain From Stain
Students: Spencer Reese
School: Long Hill Elementary
- (1121) what up with that? teeth whitening edition
Students: Angelina Musson
School: Don D Steed Elementary
- (1126) Swing Batter Batter Swing
Students: Ty Lawson
School: Edgewood Elementary
- (1161) Does the Weight of a Skateboarder Affect Their Speed?

NC Region 4 Science and Engineering Fair Winners 2015

Students: Vincent Cortez
School: Loyd E Auman Elementary

(1168) Catch Me...If You Can

Students: Gwendolyn Amos-Wall
School: Long Hill Elementary

(1175) A Sweet Solution

Students: David Steed
School: Candor Elementary

Junior - Biological Science A (Divisional)

Honorable Mention

(2206) Shots Vs Pumps

Students: Tatiana Muniz
School: Western Harnett Middle

3rd Place

(2204) Dog Toys: What Makes One a Favorite or a Flop to My Dog, Luke?

Students: Anthony Yost
School: Sandy Grove Middle School

2nd Place

(2202) Home-made Anaerobic Digester using Kitchen Waste to Generate Biogas

Students: Oscar Victorino-Venegas
School: East Hoke Middle

1st Place

(2201) Got Salt?

Students: Lea Wilson
School: East Hoke Middle

Junior - Biological Science B (Divisional)

Honorable Mention

(2302) Burning Biofuels: Comparing Non-Renewable and Renewable Fuels

Students: Calib Hamlett
School: East Hoke Middle

3rd Place

(2301) Cactus Cravings

Students: Jaron Proefrock
School: East Hoke Middle

2nd Place

(2307) Yeast Fermentation of Synthetic and Non-Synthetic Sugars

Students: Andrew Rubin
School: Western Harnett Middle

1st Place

(2309) Electric Bacteria: Making Electricity From Organic Material

Students: Gavin Jones

NC Region 4 Science and Engineering Fair Winners 2015

School: 0 Other - Make this selection if your school is not listed below

Junior - Chemistry (Divisional)

Honorable Mention

(2405) Bacteria in your Toothbrush

Students: Malachi Stokes

School: Sandy Grove Middle School

3rd Place

(2411) Lemon Power

Students: Wesley Berry

School: Anne Chesnutt Middle

2nd Place

(2402) Are Dandelions the Next Bio-Fuel?

Students: Morgan Roberts

School: East Hoke Middle

1st Place

(2401) Rust or Bust

Students: Sahara Snyder

School: East Hoke Middle

Junior - Earth/Environmental Science (Divisional)

Honorable Mention

(2515) Ocean Energy

Students: Makenzie Gore, Scarlett Cartrette

School: Williams Township

3rd Place

(2510) Earthquake Shake

Students: Abigail Deuschle

School: Overhills Middle

2nd Place

(2506) Even If It's Slick, It Will Stick

Students: Gavin Pennington

School: 0 Other - Make this selection if your school is not listed below

1st Place

(2504) Air Particles and Air Quality

Students: Kayleigh Creammer

School: East Hoke Middle

Junior - Physics (Divisional)

Honorable Mention

(2601) BALLOON MORPHINE

Students: SASHA THOMPSON

School: East Hoke Middle

NC Region 4 Science and Engineering Fair Winners 2015

3rd Place

(2605) The Strength of an Electromagnet

Students: Joshua Thomas

School: Sandy Grove Middle School

2nd Place

(2603) Hey Soda, Cool Down

Students: Logan Lowery

School: Southeastern Academy

1st Place

(2610) Double Dribble

Students: Luke Matthews

School: Western Harnett Middle

Junior - Technology/Engineering (Divisional)

Honorable Mention

(2701) You are my SunShine! Does temperature affects how photovoltaic cell converts light energy from sun to electricity in order to power a light bulb?

Students: Elizabeth Gorham

School: East Hoke Middle

3rd Place

(2702) Wifi Signal Disturbances

Students: Seth Lowery

School: Sandy Grove Middle School

2nd Place

(2705) Using the same frequency

Students: Fernando Juarbe

School: Anne Chesnutt Middle

1st Place

(2704) Heating It Up!

Students: Tarrek Mohamed

School: Al-Aqsa Academy

Senior - Earth/Environmental Science (Divisional)

1st Place

(3501) Measuring Sky Glow" _ How does a light meter phone app and digital camera compare in measuring sky glow?"

Students: Madison Darlene Stewart

School: Fayetteville Christian School

NC Region 4 Science and Engineering Fair Winners 2015

Senior - Physics (Divisional)

1st Place

(3601) "Mud Battery" Do Additives Affect the Output of a Mud Battery?

Students: Max Faykus

School: Fayetteville Christian School

Senior - Technology/Engineering (Divisional)

1st Place

(3701) Line Follower Robots" What method of programming is most efficient?"

Students: Drew Daack

School: Fayetteville Christian School

Navy Junior (Special)

Sponsored by: Office of Naval Research

Navy Junior

(2515) Ocean Energy

Students: Makenzie Gore, Scarlett Cartrette

School: Williams Township

(2704) Heating It Up!

Students: Tarrek Mohamed

School: Al-Aqsa Academy

Navy Senior (Special)

Sponsored by: Office of Naval Research

Navy Senior (\$50 cash)

(3501) Measuring Sky Glow" _ How does a light meter phone app and digital camera compare in measuring sky glow?"

Students: Madison Darlene Stewart

School: Fayetteville Christian School

(3701) Line Follower Robots" What method of programming is most efficient?"

Students: Drew Daack

School: Fayetteville Christian School

Lumbee River (Special)

Sponsored by: Lumbee River Electric

Lumbee River Elementary Div (\$50 cash)

(1126) Swing Batter Batter Swing

Students: Ty Lawson

School: Edgewood Elementary

Lumbee River Junior Division (\$50 cash)

(2610) Double Dribble

Students: Luke Matthews

School: Western Harnett Middle

NC Region 4 Science and Engineering Fair Winners 2015

Lumbee River Senior Div (\$50 cash)

(3701) Line Follower Robots" What method of programming is most efficient?"

Students: Drew Daack

School: Fayetteville Christian School

Biotech Award (Special)

Sponsored by: ComTech

Biotech (\$150 cash)

(2307) Yeast Fermentation of Synthetic and Non-Synthetic Sugars

Students: Andrew Rubin

School: Western Harnett Middle

McDonalds (Special)

Sponsored by: McDonalds

Description: \$500 Scholarship for college, for use at school of students choice.

\$500 Scholarship for college, for use at school of students choice. (\$500 cash)

(2704) Heating It Up!

Students: Tarrek Mohamed

School: Al-Aqsa Academy

Dept of Biology (Special)

Sponsored by: Dept of Biology

Best Biology Award, Junior and Senior

(1102) GENETICS: A Study of Dominant and Recessive Traits

Students: Lauren Zuravel

School: Vanstory Hills Elementary

(1175) A Sweet Solution

Students: David Steed

School: Candor Elementary

Dept of Chemistry & Physics (Special)

Sponsored by: Dept of Chemistry & Physics

(\$100 cash)

(1123) Vitamin C Survival Test

Students: Cara Fischer

School: LaFayette Elementary

(1146) Stretching To The Limit

Students: William Rhodes

School: Benhaven Elementary

(2401) Rust or Bust

Students: Sahara Snyder

School: East Hoke Middle

(2402) Are Dandelions the Next Bio-Fuel?

NC Region 4 Science and Engineering Fair Winners 2015

Students: Morgan Roberts

School: East Hoke Middle

Dr Dalton Brooks Award (Special)

Sponsored by: Dept of Chemistry & Physics

Dr Dalton Brooks Award (\$100 cash)

(2206) Shots Vs Pumps

Students: Tatiana Muniz

School: Western Harnett Middle

Grand Winner (Grand)

Sponsored by: Region 4 Fair

Grand Winner

(2309) Electric Bacteria: Making Electricity From Organic Material

Students: Gavin Jones

School: 0 Other - Make this selection if your school is not listed below