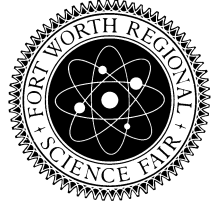
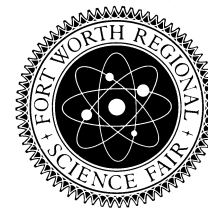


# Fort Worth Regional Science Fair Winners Directory



Award: **Animal Science**

<b>First Place: Kristin D. Achoy</b>	<b>Division: I</b>	<b>00123</b>
<b>Project: Give Me An Aoaws</b>		
<b>School Everman High School</b>	<b>Advisor: L.R. Ritchie</b>	

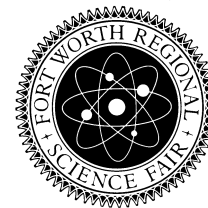


# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Behavior and Social Sciences**

<b>Third Place: Amritha Gourisankar</b>	Division: <b>I</b>	<b>00190</b>
Project: <b>Electromagnetic And Vibrational Influences On Memory</b>		
School <b>R.L. Paschal High School</b>	Advisor: <b>Wendy Yanney</b>	
<b>Second Place: Caitlyn Tucker</b>	Division: <b>I</b>	<b>00180</b>
Project: <b>Stimuli and The Brain: Boost In Reaction Time</b>		
School <b>Harmony Science Academy</b>	Advisor: <b>Mr Clark</b>	
<b>First Place: Melanie Castellanous</b>	Division: <b>I</b>	<b>00184</b>
Project: <b>Psychological Arousal And Attraction</b>		
School <b>Northwest High School</b>	Advisor: <b>Mrs Compher</b>	



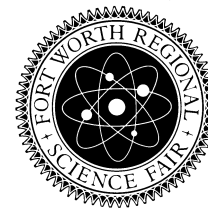
# Fort Worth Regional Science Fair

## Winners Directory

Award: **Biochemistry**

<b>Second Place:</b> Anita S. Chandrahas	Division: I	<b>00197</b>
Project: <b>The Effect Of The Type Of Metabolism On Yeast Biofilm Formation</b>		
School: Texas Academy of Mathematics and Sciences	Advisor: John E.. Allen	

<b>First Place:</b> Preeti Singhal	Division: I	<b>00121</b>
Project: <b>Microfluidics: A Pioneering Methods For The Assessment And Prognosis Of Cancer Metastasis</b>		
School: Arlington High School	Advisor: Jc Chiao	



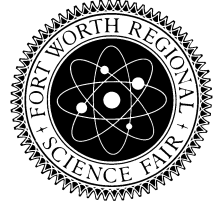
# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Chemistry**

<b>Third Place: Sarah Gonzalez</b>	Division: I	<b>00213</b>
Project: Which Orange Juice Has More Vitamin C, Store Bought or Freshly Squeezed?		
School Christian Cottage Prep	Advisor: Teri Willis	
<b>Second Place: Matthew Krenik</b>	Division: I	<b>00204</b>
Project: Effects Of Supercritical Co2 Activation On The Structure Of Metal Organic Frameworks		
School Texas Academy of Mathematics and Sciences	Advisor: Dr Sinclain	
<b>First Place: Sahil Khetpal</b>	Division: I	<b>00199</b>
Project: Carbon Nanotubes As A Versatile Platform For Cancer Detection And Tumor-targeted Therapy Of Cancer		
School Texas Academy of Mathematics and Sciences	Advisor: John E.. Allen	

# Fort Worth Regional Science Fair Winners Directory



Award: **Computer Science**

**First Place: Jonny R. Gillings**

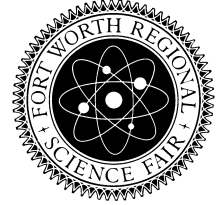
Division: **I**

**00138**

Project: C:\sciencefair2010\comprssion

School **Everman High School**

Advisor: **L.R. Ritchie**



# Fort Worth Regional Science Fair

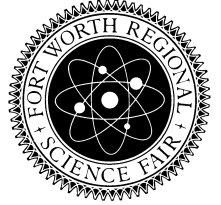
## Winners Directory

Award: **Earth Science**

<b>Second Place: Beverly Vallance</b>	<b>Division: I</b>	<b>00181</b>
<b>Project: Geochemistry Of An Application Stalagmite And Implication For Climate Change</b>		
<b>School Harmony Science Academy</b>	<b>Advisor: Mr Clark</b>	

<b>First Place: John W. Cooper</b>	<b>Division: I</b>	<b>00170</b>
<b>Project: Microphone Array Infrasound Decton Of Tornadic Supercells To Determine Velocity And Direction</b>		
<b>School Harmony Science Academy</b>	<b>Advisor: Mr Clark</b>	

# Fort Worth Regional Science Fair Winners Directory



Award: **Electrical and Mechanical Eng.**

**First Place: Joshua M. Cristol**

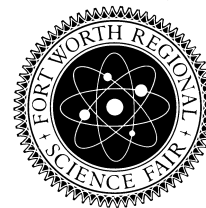
**Division: I**

**00188**

**Project: Effects Of Changing Windmill Blade Pitch And Number On The Attached Electrical Generator's Power Output**

**School R.L. Paschal High School**

**Advisor: Wendy Yanney**



# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Energy and Transportation**

**Third Place: Cassandra N. Bannerman**

Division: **I**

**00126**

Project: **Speaking Tubes**

School **Everman High School**

Advisor: **L.R. Ritchie**

**Second Place: Evelyn Jimenez**

Division: **I**

**00142**

Project: **Holed Me Up!!**

School **Everman High School**

Advisor: **L.R. Ritchie**

**First Place: Coby S. Tao**

Division: **I**

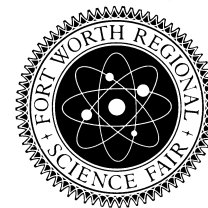
**00167**

Project: **Copper Oxysulfide: A Suitable Material For Terawatt Sola Cells?**

School **Grapevine High School**

Advisor: **Jiechao Jiang**





# Fort Worth Regional Science Fair

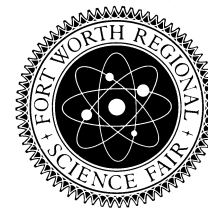
## Winners Directory

**Award: Environmental Analysis and Mgmt**

<b>Third Place: Andrew M. Sargent</b>	Division: I	00177
Project: <b>How Clean Is Our Water</b>		
School <b>Harmony Science Academy</b>	Advisor: <b>Mrs Mezzatesta</b>	

<b>Second Place: Andrea Mcrae</b>	Division: I	00174
Project: <b>Purifying Water</b>		
School <b>Harmony Science Academy</b>	Advisor: <b>Mrs Mezzatesta</b>	

<b>First Place: Ciara Mcmurry</b>	Division: I	00205
Project: <b>Volatile Organic Compounds In The Home And How Deadly They Are To The Environment</b>		
School <b>Westlake Academy</b>	Advisor: <b>Mrs Jernigan</b>	



# Fort Worth Regional Science Fair

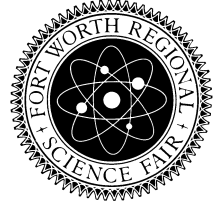
## Winners Directory

**Award: Materials and Bioengineering**

<b>Third Place: Priscilla A. Contreras</b>	Division: <b>I</b>	<b>00132</b>
Project: <b>Where Does Your Weight Fall?</b>		
School <b>Everman High School</b>	Advisor: <b>L.R. Ritchie</b>	

<b>Second Place: Sai Gourisankar</b>	Division: <b>I</b>	<b>00192</b>
Project: <b>Probing Protein Structure In Unnatural Environments</b>		
School <b>R.L. Paschal High School</b>	Advisor: <b>Wendy Yanney</b>	

<b>First Place: Peter D. Hu</b>	Division: <b>I</b>	<b>00203</b>
Project: <b>Novel Thermogelling Dispersions of Polymer Nanoparticles for Controlled Drug Delivery</b>		
School <b>Texas Academy of Mathematics and Sciences</b>	Advisor: <b>Liping Tang</b>	



# Fort Worth Regional Science Fair Winners Directory

Award: **Mathematical Science**

**First Place: Jamai Nusrallan**

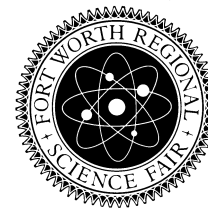
Division: **I**

**00176**

Project: **The Pappus Chain Theorem And Circle Inversion**

School **Harmony Science Academy**

Advisor: **Mrs Mezzatesta**



# Fort Worth Regional Science Fair

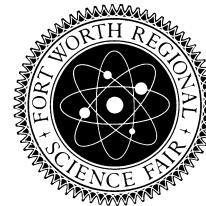
## Winners Directory

**Award: Medicine and Health**

<b>Third Place: Elizabeth B. Nguyen</b>	Division: I	<b>00150</b>
Project: <b>Vitamin C &amp; E: Ready, Set, Dissolve!</b>		
School <b>Everman High School</b>	Advisor: <b>L.R. Ritchie</b>	

<b>Second Place: Eric Rodriguez</b>	Division: I	<b>00153</b>
Project: <b>Are We Safe?</b>		
School <b>Everman High School</b>	Advisor: <b>L.R. Ritchie</b>	

<b>First Place: Shree Bose</b>	Division: I	<b>00087</b>
Project: <b>Induction Of Autophagy By Taxol In Breast Cancer Cells</b>		
School <b>Fort Worth Country Day</b>	Advisor: <b>James Aldridge</b>	



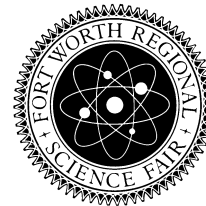
# Fort Worth Regional Science Fair

## Winners Directory

Award: **Microbiology**

<b>Second Place: Taylor M. Braun</b>	Division: <b>I</b>	<b>00201</b>
Project: <b>Herbal Cure</b>		
School <b>Westlake Academy</b>	Advisor: <b>E Golden</b>	

<b>First Place: Elissa Dunlap</b>	Division: <b>I</b>	<b>00202</b>
Project: <b>Cleanliness &amp; Beyond</b>		
School <b>Westlake Academy</b>	Advisor: <b>Mrs Jernigan</b>	



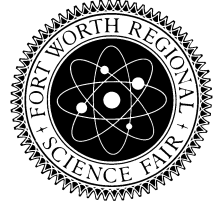
# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Physics and Astronomy**

<b>Third Place:</b> Bao D. Nguyen Project: <b>Light That Sweet Water</b>  School <b>Everman High School</b>	Division: <b>I</b>  Advisor: <b>L.R. Ritchie</b>	<b>00149</b>
<b>Second Place:</b> Alejandra K. Salinas Project: <b>LED Radio</b>  School <b>Everman High School</b>	Division: <b>I</b>  Advisor: <b>L.R. Ritchie</b>	<b>00155</b>
<b>First Place:</b> Alexander Mentzelopoulos Project: <b>Self Similar Solutions Of Spiral Waves In Galactic Disks</b>  School <b>Texas Academy of Mathematics and Sciences</b>	Division: <b>I</b>  Advisor: <b>Angela K. Wilson</b>	<b>00200</b>

# Fort Worth Regional Science Fair Winners Directory



Award: **Plant Sciences**

**First Place: Olivia G. Gensheimer**

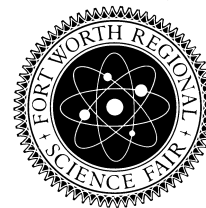
Division: **I**

**00191**

Project: **The Effect Of The Level Of pH In The Soil Of A Plant On The Height, Color, And Number Of Leaves**

School **R.L. Paschal High School**

Advisor: **Wendy Yanney**



# Fort Worth Regional Science Fair

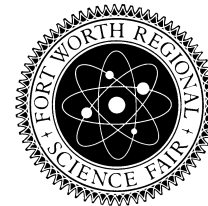
## Winners Directory

**Award: Team Project**

<b>Second Place: Nishchal Bhandari</b>	<b>Division: I</b>	<b>00169</b>
<b>Project: Saving Energy: Remotely Possible?</b>		
<b>School Harmony Science Academy</b>	<b>Advisor: Mrs Mezzatesta</b>	

<b>First Place: Navaneeth G. Ravindranath</b>	<b>Division: I</b>	<b>00348</b>
<b>Project: Cylindrical Organic Solar Cells With Carbon Nanotube Charge Collectors</b>		
<b>School Texas Academy of Mathematics and Sciences</b>	<b>Advisor: Dr Sinclain</b>	



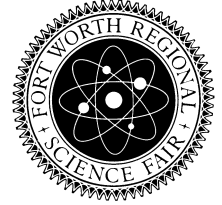


# Fort Worth Regional Science Fair

## Winners Directory

Award: **Animal Science**

<b>Third Place: Jessica Andersen</b>	<b>Division: II</b>	<b>00298</b>
Project: <b>A Persian Puzzle Or An Ocicat Obstacle Course?</b>		
School <b>St. Elizabeth Ann Seton Catholic School</b>	Advisor: <b>Mrs Arnold</b>	
<b>Second Place: Rebecca Jones</b>	<b>Division: II</b>	<b>00282</b>
Project: <b>The Nose Knows</b>		
School <b>North Joshua Elementary</b>	Advisor: <b>Ms Blair</b>	
<b>First Place: Emily O. Yurk</b>	<b>Division: II</b>	<b>00293</b>
Project: <b>Chicken Weight Watchers: The Science In A Chicken's Egg</b>		
School <b>McLean 6th Grade Center</b>	Advisor: <b>Steven Horvath</b>	

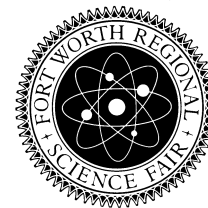


# Fort Worth Regional Science Fair

## Winners Directory

Award: **Behavior and Social Sciences**

<b>Third Place: Sydney Carpenter</b>	<b>Division: II</b>	<b>00075</b>
Project: <b>Brain Vs. Beef; A Study Of Psychological Imagery Used In Basketball</b>		
School <b>Acton Middle School</b>	Advisor: <b>Debbie Singer</b>	
<b>Second Place: Mitchell May</b>	<b>Division: II</b>	<b>00080</b>
Project: <b>Accuracy Of Eyewitness Testimony</b>		
School <b>Acton Middle School</b>	Advisor: <b>Coach Carpenter</b>	
<b>First Place: Jordan Nixon</b>	<b>Division: II</b>	<b>00053</b>
Project: <b>Driven To Distraction</b>		
School <b>Hall Middle School</b>	Advisor: <b>Mrs Ortiz</b>	



# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Biochemistry**

**Third Place: Jack Lytle**

Division: **II**

**00253**

Project: **Cheese^3**

School **Liberty Christian School**

Advisor: **Mrs Snowden**

**Second Place: Brian Ogden**

Division: **II**

**00260**

Project: **Freeze!**

School **Liberty Christian School**

Advisor: **Mrs Snowden**

**First Place: Dmitriy Kosilov**

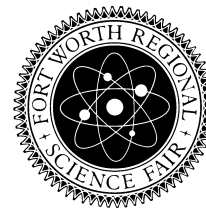
Division: **II**

**00041**

Project: **Measuring Enzyme Activity In Yeast**

School **Harmony School Of Innovation**

Advisor: **Eljasa Jasar**



# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Chemistry**

**Third Place: Paige Jeary**

Division: **II**

**00241**

Project: **It's Not Paper, It's Not Plastic, It's Fantastic Elastic!**

School **Liberty Christian School**

Advisor: **Mrs Snowden**

**Second Place: Nurah Lambert**

Division: **II**

**00022**

Project: **Does pH Effect How Enzymes Break Down Food?**

School **Harmony Science Academy**

Advisor: **T Parks**

**First Place: Morgan Phillips**

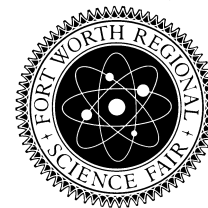
Division: **II**

**00295**

Project: **How Much Carbon Dioxide Is In Your Soda?**

School **Plum Creek Elementary**

Advisor: **Darlee Robbins**

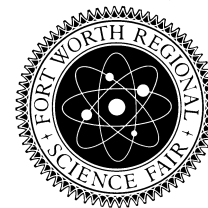


# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Computer Science**

<b>Third Place: Allison Gilmore</b> Project: "Out of Control"	Division: <b>II</b>	<b>00280</b>
School <b>North Joshua Elementary</b>	Advisor: <b>Ms Blair</b>	
<b>Second Place: Logan Zartman</b> Project: <b>PIC - project Intelligent Computer</b>	Division: <b>II</b>	<b>00035</b>
School <b>Harmony Science Academy</b>	Advisor: <b>T Parks</b>	
<b>First Place: Zachary Taqi</b> Project: <b>Number Spiral</b>	Division: <b>II</b>	<b>00096</b>
School <b>Harmony Academy - Euless</b>	Advisor: <b>Mehmet Basoglu</b>	



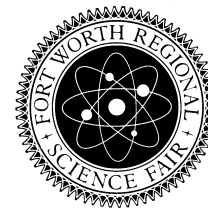
# Fort Worth Regional Science Fair

## Winners Directory

Award: **Earth Science**

<b>Second Place: Haylee A. Hughes</b>	<b>Division: II</b>	<b>00025</b>
Project: <b>Seismo What?</b>		
School <b>Harmony Science Academy</b>	Advisor: <b>Mrs Mezzatesta</b>	

<b>First Place: Kayla Ortego</b>	<b>Division: II</b>	<b>00095</b>
Project: <b>Carbon Dioxide: Good or Bad</b>		
School <b>Harmony Academy - Euless</b>	Advisor: <b>Mehmet Basoglu</b>	



# Fort Worth Regional Science Fair

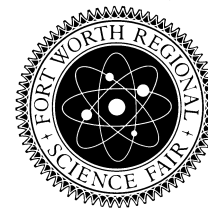
## Winners Directory

**Award: Electrical and Mechanical Eng.**

<b>Third Place:</b> Ariana Masumoto	Division: <b>II</b>	<b>00090</b>
Project: <b>Water's Conductivity Of Electricity</b>		
School <b>Harmony Academy - Euless</b>	Advisor: <b>Mehmet Basoglu</b>	

<b>Second Place:</b> Max Aransen	Division: <b>II</b>	<b>00304</b>
Project: <b>The Effect Of Truss On Bridge Performance</b>		
School <b>St. Maria Goretti Catholic School</b>	Advisor: <b>Gary Spaulding</b>	

<b>First Place:</b> Riley Summer	Division: <b>II</b>	<b>00065</b>
Project: <b>Optimization Of Turbine Blade Design For Split Savonius Wind Turbine Model</b>		
School <b>Granbury Middle School</b>	Advisor: <b>Megan Vahlenkamp</b>	



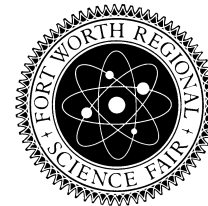
# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Energy and Transportation**

<b>Third Place: Ian Harrington</b> Project: <b>Paper Flight</b>  School <b>Liberty Christian School</b>	Division: <b>II</b>  Advisor: <b>Mrs Snowden</b>	<b>00238</b>
<b>Second Place: Jeffrey Robinson</b> Project: <b>Hydrocarbon Innovation</b>  School <b>Acton Middle School</b>	Division: <b>II</b>  Advisor: <b>Henry Brewerton</b>	<b>00082</b>
<b>First Place: Justin Kochis</b> Project: <b>Expediting The Hydrogen Economy</b>  School <b>Granbury Middle School</b>	Division: <b>II</b>  Advisor: <b>Megan Vahlenkamp</b>	<b>00061</b>



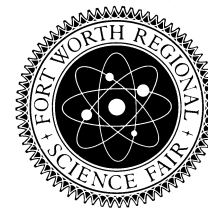


# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Environmental Analysis and Mgmt**

<b>Third Place:</b> Alyssa Malone Project: <b>Goodbye Garden Gnomes</b>  School <b>Harmony Science Academy</b>	Division: <b>II</b>  Advisor: <b>Ms Nickolson</b>	<b>00020</b>
<b>Second Place:</b> Mohammed Humza Project: <b>Waste To Fuel: Is It Possible?</b>  School <b>Harmony Science Academy</b>	Division: <b>II</b>  Advisor: <b>Mrs Mezzatesta</b>	<b>00017</b>
<b>First Place:</b> Kristina McRae Project: <b>Enough Sun?</b>  School <b>Harmony Science Academy</b>	Division: <b>II</b>  Advisor: <b>Ms Nickolson</b>	<b>00018</b>



# Fort Worth Regional Science Fair

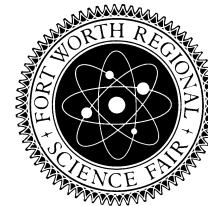
## Winners Directory

**Award: Materials and Bioengineering**

<b>Third Place: Aneesha Puppala</b>	<b>Division: II</b>	<b>00103</b>
<b>Project: Sustainable Utilization Of Crushed Concrete Aggregate</b>		
<b>School Harmony Academy - Euless</b>	<b>Advisor: Mehmet Basoglu</b>	

<b>Second Place: Trace Chiappe</b>	<b>Division: II</b>	<b>00059</b>
<b>Project: Stick Man's Breaking Point</b>		
<b>School Granbury Middle School</b>	<b>Advisor: Ms McGowen</b>	

<b>First Place: Elliott Dobbs</b>	<b>Division: II</b>	<b>00100</b>
<b>Project: How Permanent Are Permanent Marker</b>		
<b>School Harmony Academy - Euless</b>	<b>Advisor: Mehmet Basoglu</b>	

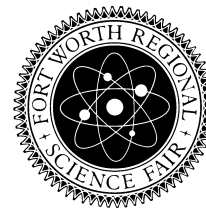


# Fort Worth Regional Science Fair

## Winners Directory

Award: **Mathematical Science**

<b>Third Place: William Davis</b>	Division: <b>II</b>	<b>00074</b>
Project: <b>The Socioeconomics Of Recycling Within Two Public Schools</b>		
School <b>Applied Learning Academy</b>	Advisor: <b>Denise Gordon</b>	
<b>Second Place: Jocelyn Thomas</b>	Division: <b>II</b>	<b>00037</b>
Project: <b>Pet Fish</b>		
School <b>Harmony School Of Innovation</b>	Advisor: <b>Eljasa Jasar</b>	
<b>First Place: Cassidy Cole</b>	Division: <b>II</b>	<b>00223</b>
Project: <b>A Different Angle</b>		
School <b>Loflin Middle School</b>	Advisor: <b>Mrs Watts</b>	

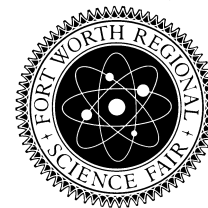


# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Medicine and Health**

<b>Third Place: Brooke Hadley</b> Project: <b>Standing Up For Comfort</b>  School <b>Liberty Christian School</b>	Division: <b>II</b>  Advisor: <b>Mrs Ritter</b>	<b>00237</b>
<b>Second Place: Chloe Lowetz</b> Project: <b>Maniac Mealworms Or Mealworms On Caffeine</b>  School <b>Tison Middle School</b>	Division: <b>II</b>  Advisor: <b>Melissa Harris</b>	<b>00323</b>
<b>First Place: Peter Mueller</b> Project: <b>Bacteria On Ice</b>  School <b>Acton Middle School</b>	Division: <b>II</b>  Advisor: <b>Debbie Singer</b>	<b>00081</b>

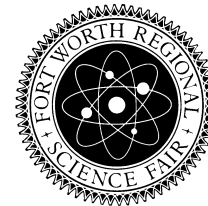


# Fort Worth Regional Science Fair

## Winners Directory

**Award: Microbiology**

<b>Third Place: Raghav Upadhyaya</b> Project: <b>Neem Oil - Delays Spoilage Of Fruits!</b>	Division: <b>II</b>	<b>00296</b>
School <b>The Oakridge School</b>	Advisor: <b>Mrs Lane</b>	
<b>Second Place: Michael J. King</b> Project: <b>Bacteria In The Bathroom</b>	Division: <b>II</b>	<b>00246</b>
School <b>Liberty Christian School</b>	Advisor: <b>Mrs Ritter</b>	
<b>First Place: Taiyeb Rangwalla</b> Project: <b>Measuring The Effectiveness Of An Antimicrobial Agent By Measuring Zones Of Inhibition On A Culture Plate Innoculated With E-coli</b>	Division: <b>II</b>	<b>00089</b>
School <b>Harmony Academy - Euless</b>	Advisor: <b>Mehmet Basoglu</b>	

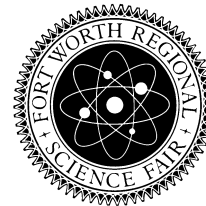


# Fort Worth Regional Science Fair

## Winners Directory

### Award: **Physics and Astronomy**

<b>Third Place: Cainan Dorsey</b> Project: <b>The Mpemba Effect And The Possible Applications</b>  School <b>McLean 6th Grade Center</b>	Division: <b>II</b>  Advisor: <b>Steven Horvath</b>	<b>00292</b>
<b>Second Place: Ashley Jenkins</b> Project: <b>"Bend It Like Beckham"</b>  School <b>Liberty Christian School</b>	Division: <b>II</b>  Advisor: <b>Mrs Ritter</b>	<b>00244</b>
<b>First Place: Kristina M. Bueche</b> Project: <b>What Affects The Filesize Of A Digital Photograph?</b>  School <b>Holy Family Catholic School</b>	Division: <b>II</b>  Advisor: <b>Catherine Lampka</b>	<b>00004</b>

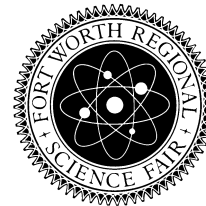


# Fort Worth Regional Science Fair

## Winners Directory

Award: **Plant Sciences**

<b>Third Place: Kasi Vance</b> Project: <b>Blossoming Beans!!</b>  School <b>Plum Creek Elementary</b>	Division: <b>II</b>  Advisor: <b>Robins Scott</b>	<b>00086</b>
<b>Second Place: Sarah Jaderlund</b> Project: <b>Nature's Ratios</b>  School <b>Liberty Christian School</b>	Division: <b>II</b>  Advisor: <b>Mrs Ritter</b>	<b>00239</b>
<b>First Place: Casey McAdams</b> Project: <b>Which Plant Works Best During The Process Of Phytoremediation?</b>  School <b>Harmony Science Academy</b>	Division: <b>II</b>  Advisor: <b>T Parks</b>	<b>00019</b>



# Fort Worth Regional Science Fair

## Winners Directory

Award: **Team Project**

<b>Third Place: Christopher Kotch</b>	Division: <b>II</b>	<b>00334</b>
Project: <b>Investigating Diodes In A Radio Receiver</b>		
School <b>St. Elizabeth Ann Seton Catholic School</b>	Advisor: <b>Mrs Arnold</b>	
<b>Second Place: Isabel B. Stack</b>	Division: <b>II</b>	<b>00329</b>
Project: <b>Chicks of A Different Color</b>		
School <b>Westlake Academy</b>	Advisor: <b>E Golden</b>	
<b>First Place: Abby Starck</b>	Division: <b>II</b>	<b>00337</b>
Project: <b>Fingerprint Inheritance</b>		
School <b>St. Elizabeth Ann Seton Catholic School</b>	Advisor: <b>Mrs Arnold</b>	