

31 March 2016

**62th North Alabama Regional Science and Engineering Fair
Special Awards in Optics and Photonics**

The Huntsville Electro-Optical Society (HEOS) was able to award over \$1250 in scholarships at the 62th North Alabama Regional Science and Engineering Fair (NARSEF) for Special Awards in optics and photonics related projects. The award funding was generously provided by SPIE, NASA, and HEOS. HEOS would like to thank all the volunteer judges for taking the time out of their schedules to participate in this event. The volunteer judges for this year were:

Ron Eng – NASA MSFC
Mark Stahl – NASA MSFC
Tommy Cantey – Optical Sciences Corporation
Phil Stahl – NASA MSFC

These judges were responsible for evaluating the merit and application of optics in the science fair entries. All winners received SPIE or HEOS certificates and award scholarships. HEOS is greatly appreciative of the opportunity to help inspire the nation's future scientists and engineers. HEOS is about community and our optics community only works with continued dedication and participation of our membership.



All Recipients from SPIE and HEOS Awards.

SPIE Awards

Senior Division Awards

First Prize (\$250) – Conner Reed, “Ultrasonic Levitation”

11th grade, Pope John Paul II High School, Madison

Sponsor Brian Finzel (PH-381)

Second Prize (\$150) – Riley Laurendine, “Follow the Sun”

9th grade, Pope John Paul II High School, Madison

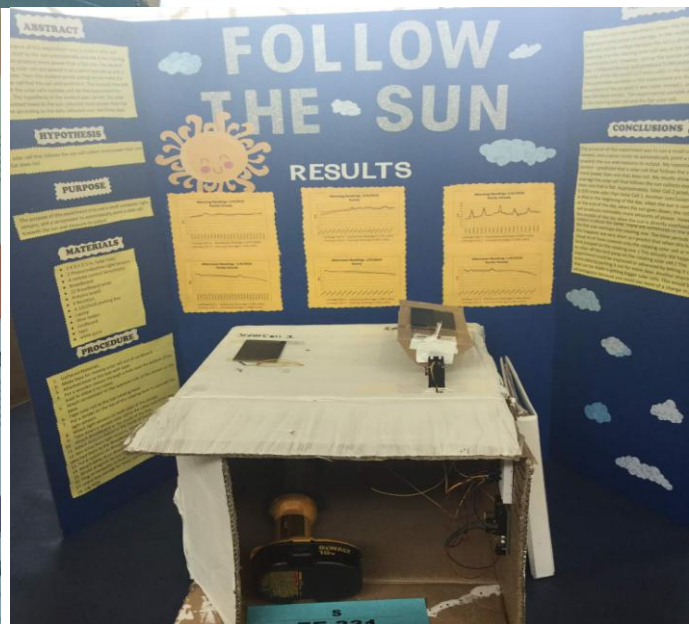
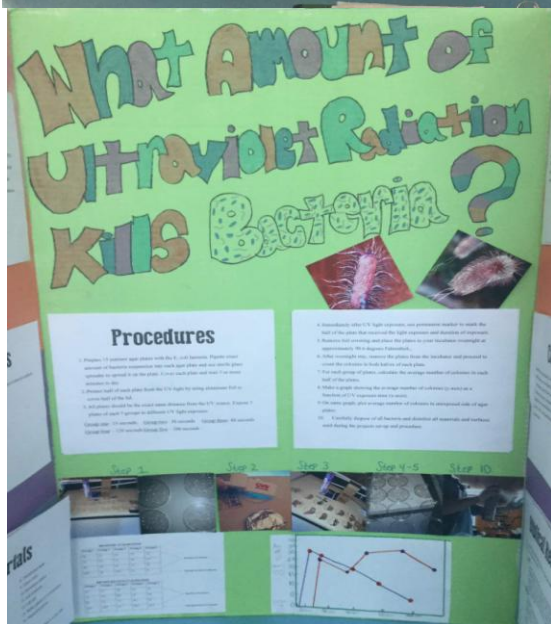
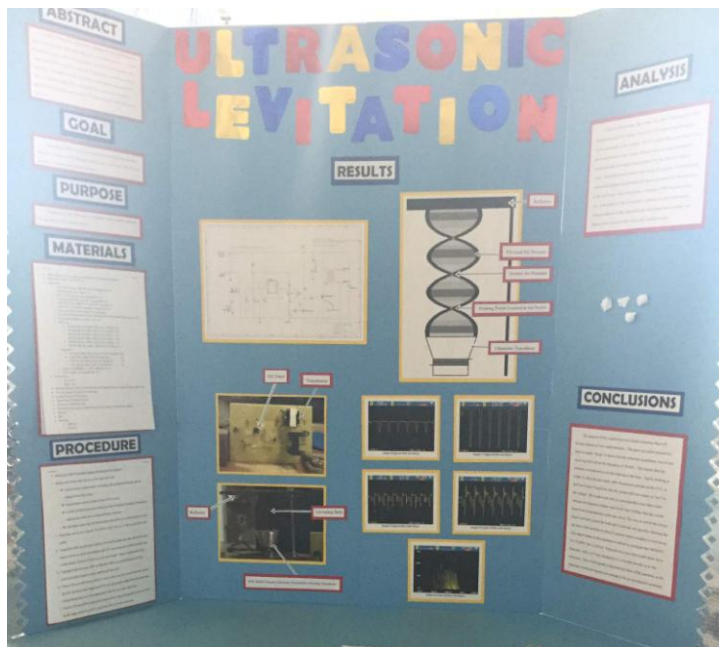
Sponsor Brian Finzel (EE-331)

Third Prize (\$50) – Brianna Morgan Wells,

“What Amount of Ultraviolet Radiation Kills Bacteria?”

12th grade, Cornstone Christian Academy, Fort Payne

Sponsor Luke Laney (MI-372)



HEOS Awards

Senior Division Awards

**Honorable Mention (\$50) – Kenneth Wayne Good,
“Practically Invisible Using Metamaterials”**

12th grade, Columbia High School, Sponsor Janice Luchner (PH-378)

Junior Division Awards

First Prize (\$200) – Miles Thompson, “Looking for a Flash of Fire”

7th grade, St. Joseph Regional Catholic School, Sponsor Jamie Mead (PHS-282)

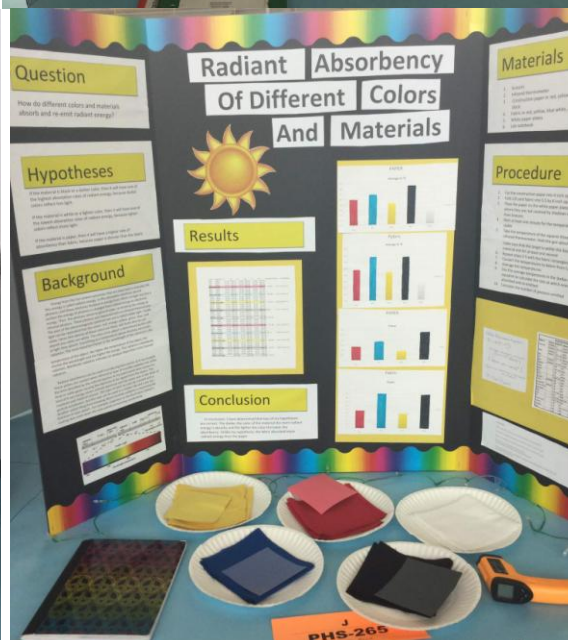
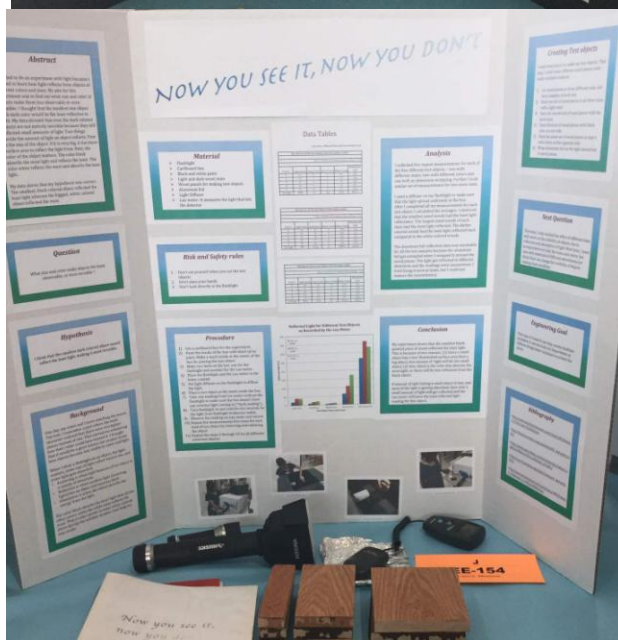
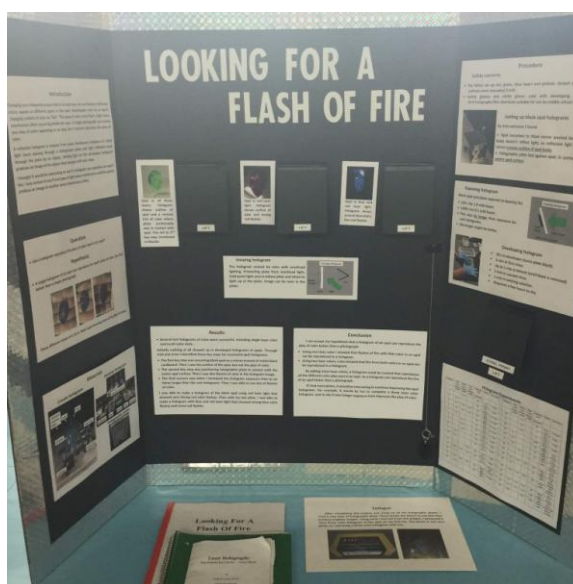
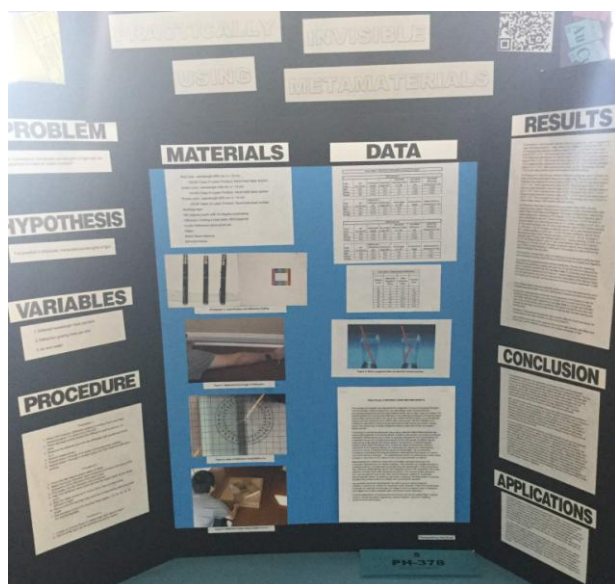
Second Prize (\$150) – Maanasi Limaye, “Now You See it, Now you Don’t”

6th grade, Rainbow Elementary School, Sponsor Andrea Cushing (EE-154)

Third Prize (\$100) – Ella Michael

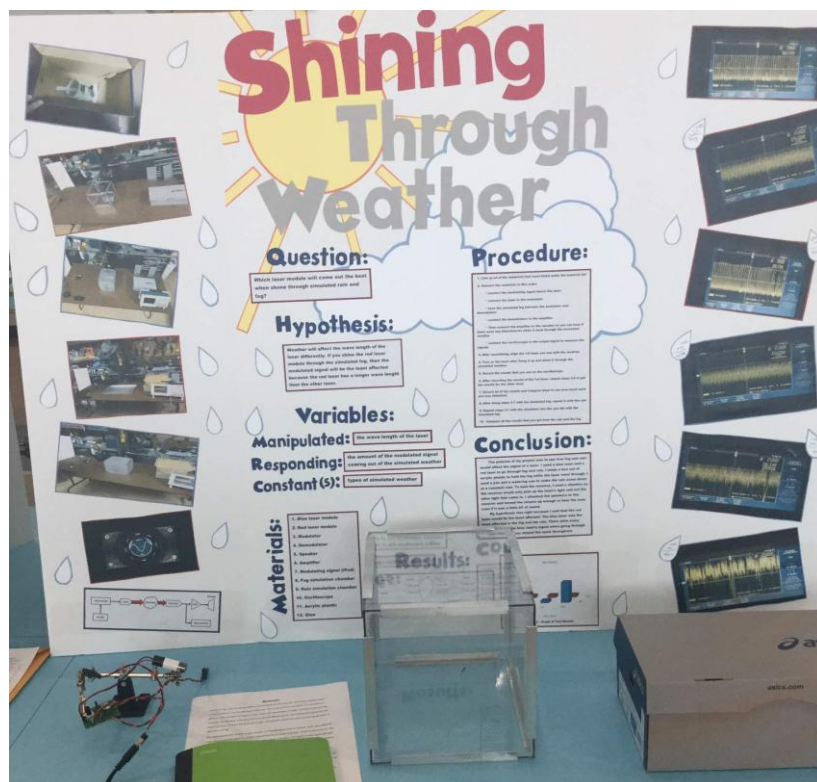
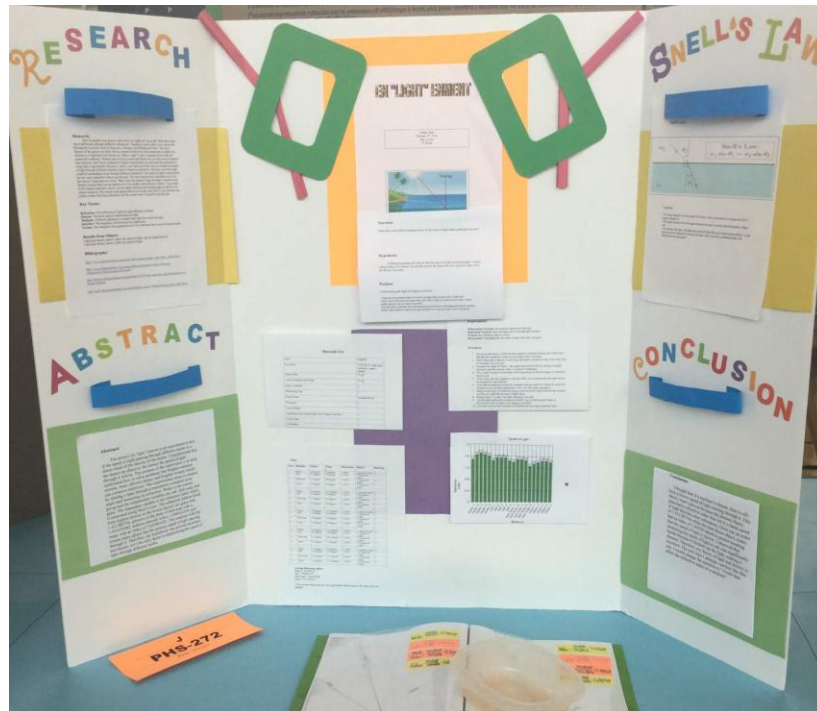
“Radiant Absorbency of Different Colors and Materials”

8th grade, Huntsville Junior High School, Sponsor Cheryl Michael (PHS-265)



Honorable Mention (\$50) – Vishay Ram, “En’Light’enment”
8th grade, Liberty Middle School, Sponsor Carla Beardslee (PHS-272)

Honorable Mention (\$50) – Abigail Teagan Graves, “Shining through Weather”
8th grade, Hampton Cove Middle School, Sponsor Sarah Fields (EE-151)



HEOS Awards

Elementary Division Awards

First Prize (\$60) – Javon Zion Jennings,

“Absorption Versus Reflection: The Heat of the Battle”

5th grade, Homeschool, Huntsville, Sponsor Doresa Jennings (EV-027)

Second Prize (\$40) – Jamal Mayers, “Let There be Light”

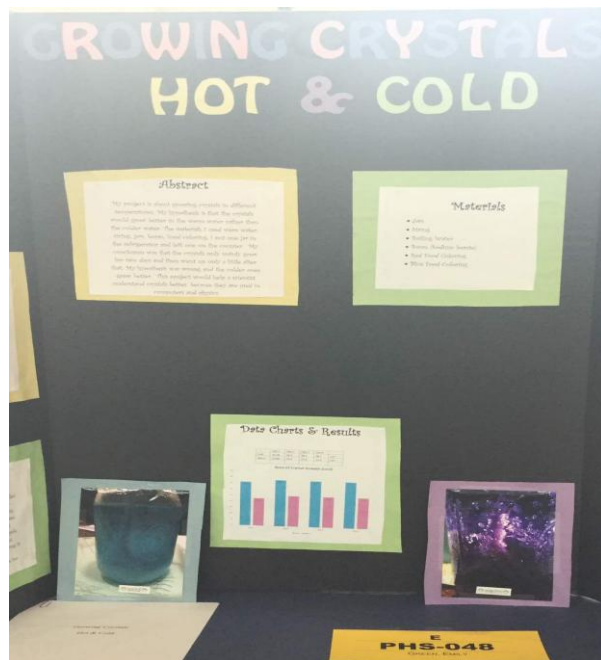
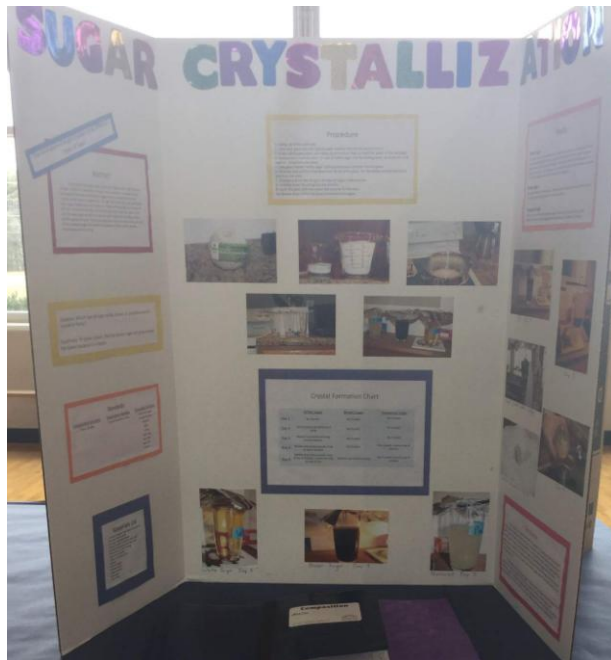
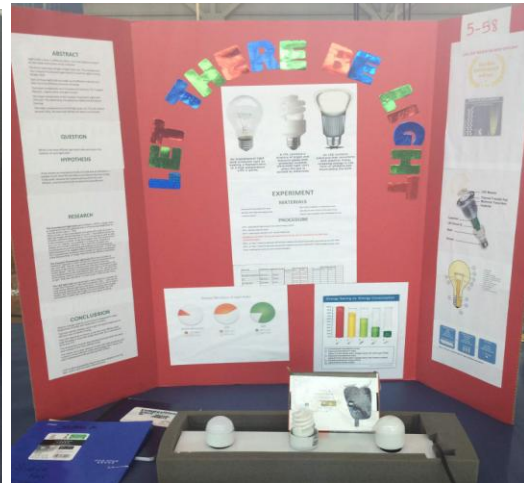
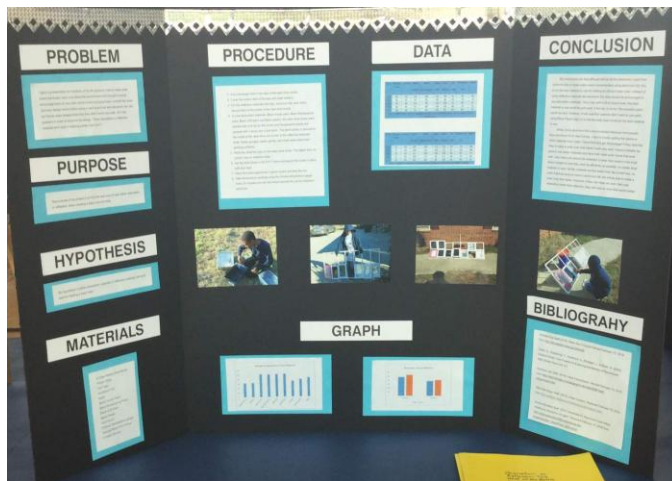
5th grade, Columbia Elementary School, Madison, Sponsor Lisa Grice (EV-028)

Honorable Mention (\$25) – Emily Green, “Growing Crystals: Hot and Cold”

5th grade, West Madison Elementary School, Madison, Sponsor Whitney Lawrence (PHS-048)

Honorable Mention (\$25) – Alaina Bacon, “The Formation of Sugar Crystals”

5th grade, Columbia Elementary School, Madison, Sponsor Lisa Grice (EV-024)



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