

7 April 2017

2017 Alabama Science and Engineering Fair (ASEF) Special Awards in Optics and Photonics

The Huntsville Electro-Optical Society (HEOS) was able to award over \$900 in scholarships at the 2017 Alabama Science and Engineering Fair (ASEF) 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:

Bill Decker – Defense Acquisition Center Ron Eng – NASA MSFC Mark Stahl – NASA MSFC Phil Stahl – NASA MSFC

These judges were responsible for evaluating the merit and application of photonics 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.

SPIE Awards

Senior Division Awards

First Prize (\$250) - Sophie Guo

"Gold Nanodisk Plasmonic Biochemical Sensor for Food Safety Monitoring" 11th grade, James Clemens High School, Madison Sponsor Carol Bohatch (ESSS-454)

Second Prize (\$150) – Tucker Edison Honeycutt, "Astronomical Image Processing" 10th grade, Covenant Christian Academy, Harvest Sponsor Rhonda Lisauckis (PH-555)

Third Prize (\$100) – Catherine Blevins

"Interpreting Light: Exploring the Emission Spectrum"

9th grade, Decatur Presbyterian Church School Sponsor Abigail Blevins (PH-553)

Junior Division Awards

First Prize (\$150) - Hannah Patterson, "Algebraic Hot Spots"

8th grade, Clark Shaw magnet Middle School, Sponsor Kathy Irby (X-130)

Second Prize (\$100) - Andrew Crocker, "Stealthy Shapes"

5th grade, Rainbow Elementary School, Madison, Sponsor Teresa Shurtz (Z-194)

Third Prize (\$50) - Javon Zion Jennings

"Solar Revolution: Using the Sun for a More Efficient Solar Cooker"

6th grade, Key Destiny Academy, Huntsville Sponsor Keelan Jennings (N-083)

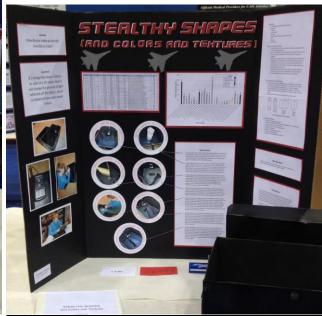
Senior Division Awards

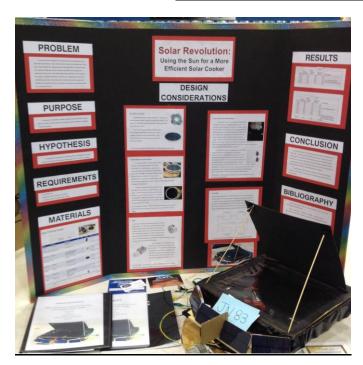




Junior Division Awards









HEOS Awards

Junior Division Awards

First Prize (\$100) – Zachary Nameniuk

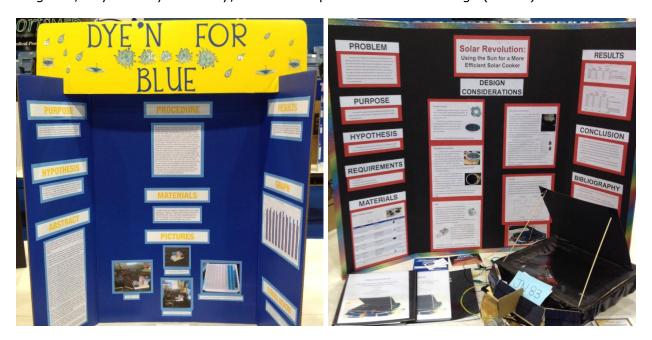
"Dye'n for Blue"

8th grade, Clark Shaw magnet Middle School, Sponsor Kathy Irby (ME-165)

Second Prize (\$50) – Javon Zion Jennings

"Solar Revolution: Using the Sun for a More Efficient Solar Cooker"

6th grade, Key Destiny Academy, Huntsville Sponsor Keelan Jennings (N-083)



HEOS Corpoate Sponsors



Polaris Sensor Technologies



Modern Technology Solutions, Inc.



AG Optical Systems



Optical Sciences Corporation



Physics Department



K Sciences



MechOptix



Jenoptik Optical Systems



Teledyne Brown Engineering



Ierus Technologies



IDair LLC



Dynetics