

2016 LRSEF GE BEST OF FAIR Winning Projects (\$2400) and Top Schools (3/10/2016)

Senior Division **GE Prize \$420 for each project/custom made trophy/blue ribbon/
Invite to State & LRSEF sponsored delegate INTEL International
Science & Engineering Fair in Phoenix, Arizona May 8-13, 2016**

Joshua Jacob St. Xavier HS, Grade10, Jefferson County, Materials Science
Development of a Hybrid Inkjet 3D Printer

Sydney Kessler Ballard HS, Grade 10, Jefferson County, Earth & Environmental Science
*How Does a Gravel Seafloor Versus a Sand Seafloor Effect the Wave
Velocity of a Tsunami?*

William Schuhmann Ballard HS, Grade 10, Jefferson County, Physics
Vapor Propelled Marangoni Effect

Shruti Wadhwa Kentucky Country Day, Grade 11, Jefferson County, Biochemistry
*Analysis of different Nrf2 inducers on reversal of stress-induced changed
in renal tubule cells*

Senior Division Category Awards 2016 Total: \$3,060

First \$75 & blue ribbon, Second \$60 & red ribbon, Third \$45 & white ribbon

Junior Division **GE Prize - \$240 for each project/custom trophy/blue ribbon/
Invite to State at ECU**

Emmett King St. Francis of Assisi, Grade 7, Jefferson Co., Behavioral & Social Sciences
Charitable Donation Decisions: Parent vs. Child

Elaina Render St. Francis of Assisi, Grade 7, Jefferson County, Microbiology
Exploring Antibiotic Resistance in Probiotics

Jacob Stroud St. Francis of Assisi, Grade 6, Jefferson County, Materials Science
Creating Effective Bioplastics

Junior Division Category Awards 2016 Total: \$2,670

First \$60 & blue ribbon, Second \$45 & red ribbon, \$30 & white ribbon

School Winners: Custom made trophies & \$375, \$225, \$150 for STEM programs (\$1,500)

Senior Division 1st Ballard HS, Jefferson County
 2nd Valley HS, Jefferson County
 3rd Kentucky Country Day, Jefferson County

Junior Division 1st St Francis of Assisi School, Jefferson County
 2nd Carrithers Middle School, Jefferson County
 3rd Newburg Middle School, Jefferson County