

2015 LRSEF BEST OF FAIR Winning Projects and Top Schools

Senior Division **GE Prize \$360 for each project/custom made trophy/blue ribbon/
State invite & LRSEF sponsored delegate INTEL International
Science & Engineering Fair in Pittsburgh PA, May 10-15, 2015**

Erin Burba Carol Martin Gatton Academy of Mathematical & Science, Warren
County /Grade 12, Home School, Paducah Tilghman HS McCracken Co
Relations between Mycorrhizal Abundance and Biofuel Crop Yield,
Environmental Sciences

Natasha Gupta Ballard HS, Grade 9, Jefferson County
*Coal-Ash Pond Management: Studying Groundwater Flow Using Darcy's
Law,* Environmental Management

Tanya Gupta Ballard HS, Grade 9, Jefferson County
Triclosan: Antibacterial or Genotoxic? Medicine & Health Sciences

Joshua Jacob St. Xavier HS, Grade 9, Jefferson County
Application of UV Resins in Extrusion-Based 3D Printing,
Engineering: Materials & Bioengineering

Jakob Williamson Bullitt Central HS, Grade 11, Bullitt County
*Increasing Encryption Strength through the Alteration of Data Readability
without a Key,* Computer Science

Junior Division **GE Prize - \$250 for each project/custom made trophy/blue
ribbon/Invite to State Science & Engineering Fair at EKU March 27
& 28, 2015**

Piper Grinstead St. Francis of Assisi, Grade 7, Jefferson County
Investigating Boredom, Behavioral & Social Sciences

Mark Schrenger St. Francis of Assisi, Grade 6, Jefferson County
Air Fresheners and Your Health, Cellular & Molecular Biology

Anna Kate Stukenborg St. Francis of Assisi, Grade 8, Jefferson County
Catfish Mucus: a Novel Antimicrobial, Microbiology