



Louisville Regional Science & Engineering Fair

P.O. Box 8184
Louisville, KY 40257

lrsef.org

GE Best of Fair Awards: Junior/Middle School * - March 7, 2020

Vedha Balamurugan - North Oldham Middle School, Goshen KY - Grade 8
Computational Biology & Bioinformatics:
*Anti-diabetic effect of bitter tasty plant products on type 2 diabetic children:
Importance of human neglected bitter taste*

Chloe Nunn - Saint Francis of Assisi, Louisville KY - Grade 7
Biomedical & Health Sciences:
Screen Light Poison: Does Digital Screen Blue Light Impact Health?

Emerson Wyatt - Saint Francis of Assisi, Louisville KY - Grade 7
Cellular & Molecular Biology: *Hyssop: a Kentucky Native Cancer Treatment*

*Winners receive a Trophy and \$240 cash award.

GE Best of Fair Awards: Senior/High School - March 7, 2020**

Gloria Huang - Gatton Academy of Science & Mathematics, Bowling Green KY - Grade 11
Cellular & Molecular Biology:
*Finding the Most Influential Factors in The Healing Process of Diabetic Foot Ulcers Using
Parameter Space Geometry*

Aditi Kona - North Oldham High School, Goshen KY - Grade 10
Cellular & Molecular Biology: *Examining Mechanisms of Resistance in
Palbociclib-Resistant Estrogen Receptor-Positive Breast Cancer Cells*

Colin Roark - Saint Xavier High School, Louisville KY - Grade 12
Environmental Engineering: *Falling Particle Solar Receiver Research*

Diksha Satish - Gatton Academy of Science & Mathematics, Bowling Green KY - Grade 11
Microbiology: *Discovery and Analysis of Microbacteriophage Squeegee*

William Wiley - Valley High School, Louisville KY - Grade 12
Translational Medical Science:
Does Your neighborhood affect Your likelihood of Develop Cardiovascular Disease?

**Winners receive a Trophy and \$420 cash award. Each student receives an LRSEF travel grant to REGENERON ISEF – the International Science & Engineering Fair in Anaheim, CA.

3/10/2020