

State Fair Qualifiers

| Division | Grade | Name(s) | School (and City) | Project Title |
|---------------|-------|-------------------|--------------------------------------|--|
| Junior (4-8) | 4 | Zarah Baloch | Geist Elementary School | SPINNING ATTRACTION: Effects on Speed of Homopolar Motor When Battery Type is Changed |
| Junior (4-8) | 5 | Matthew Alcantara | Carmel Elementary School | Start Your Engines! Automotive Aerodynamics: Measuring Downforce vs Lift in a Homemade Wind Tunnel with Laminar Flow |
| Junior (4-8) | 6 | Kaylyn Cooper | New Agusta Public Academy - North | Chillin' Out |
| Junior (4-8) | 7 | Olivia Schenk | Hamilton Southeastern Jr. High | The Breath of Death |
| Junior (4-8) | 8 | Peyton Zins | Saint Jude Elementary | A Major Dilemma |
| Junior (4-8) | 6 | Allan Williams | Center For Inquiry School 2 | The Law of Gravity |
| Junior (4-8) | 6 | Nikhil Jivraj | Center For Inquiry School 2 | Brain Transformation |
| Junior (4-8) | 6 | Jeet Kekre | Center Grove Middle Schl Central | Does the type of surface affect, how high the tennis ball will bounce? |
| Junior (4-8) | 7 | Aryan Desai | Hamilton Southeastern Jr High School | May the Vitamin C Be With You |
| Junior (4-8) | 7 | Muntasir Munaf | Fall Creek Junior High School | Graphene Super Capacitors - Future of Energy |
| Junior (4-8) | 8 | Raihan Saifuddin | Eman Schools | Arsenic Toxicity in Food and Its Simple Solution |
| Junior (4-8) | 8 | Eli Schmitt | Center For Inquiry School 2 | Imagine All the People |
| Senior (9-12) | 11 | John Ryu | Fishers High School | The Stability of the Space Elevator |
| Senior (9-12) | 9 | Sepehr Asgari | Carmel High School | Engineering of a Conjugated Endolysin as an Efficient Method for Acne Treatment |
| Senior (9-12) | 11 | Rachel Chan | Center Grove High School | Effect of Terminator Override Mutation in RNA Polymerase II Phosphatase SSU72 |
| Senior (9-12) | 11 | Asmaa Mahoui | Eman Schools | Using Pharmacogenetics to Determine the Role of the Orexin System in Panic-Associated Behavior and Physiology |
| Senior (9-12) | 10 | Jay Maturi | University High School | Effects of chlorella algae on mortality rates of zebrafish exposed to methylmercury |
| Senior (9-12) | 10 | Noor Abdullah | Hamilton Southeastern HS | The Impact of Rhamnus Frangula (European Buckthorn) and Emodin on the Embryonic Development of Zebrafish |

1. Junior Division qualifiers are listed as Best in Grade, then by grade.

2. Senior Division qualifiers are listed in score among all projects in the division.

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| Senior (9-12) | 11 | Zeba Kokan | Park Tudor High School | Methodology for Cross Talk of Pathways: Case Study of EGFR Pathways in Breast Cancer |
| Senior (9-12) | 11 | Abhinav Ramkumar | Carmel High School | DLPC and ATP- Molecular Modeling |
| Senior (9-12) | 11 | Meena Moorthy | North Central High School | The Effects of Fucosylation in Improving the Homing Capabilities of CD34+ Cells in Diabetic Retinopathy |
| Senior (9-12) | 12 | Kamna Gupta | Carmel High School | Therapeutic Evaluation of Griseofulvin in a Mouse Model of Choroidal Neovascularization |

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