



MIRACLES

Maker Award

Honoring Deeksha Khanna

Recipient of the Fourth Award in Behavioral and Social Sciences presented at the
2024 Regeneron International Science and Engineering Fair

August 12, 2024

- WHEREAS: The DeKalb County Board of Education is committed to excellence in education and fostering a love of learning in all our students; and
- WHEREAS: A strong foundation in science, including behavioral and social sciences, is essential for student success; and
- WHEREAS: Chamblee Charter High School student, Deeksha Khanna, has demonstrated exceptional perseverance; and
- WHEREAS: Deeksha's work was showcased in the 2024 Regeneron International Science and Engineering Fair (ISEF) in Los Angeles on May 17, 2024.
- WHEREAS: Impressively, Deeksha received the Fourth Award in Behavioral and Social Sciences for showcasing extraordinary academic excellence.
- THEREFORE: Be it known that the DeKalb County School District recognizes Deeksha Khanna for her science project titled, ***Elucidating the Behavioral, Pathogenetic, and Therapeutic Implications of Selectively Inhibited Monogenic Variants in Fragile X Syndrome Associated Genetic Epilepsy in Drosophila Melanogaster***. Her study provided valuable insights into the mechanisms of FXS and the role of genetic mutations in its manifestation, potentially guiding future therapeutic strategies for managing FXS-related epilepsy. Deeksha's dedication to scientific research serves as an inspiration to all students. The Board congratulates Deeksha, her teachers, and her family on this remarkable achievement.



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