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SYOSSET TEEN AWARDED \$10,000 FOR RESEARCH INTO THE ROLE OF CANNABIDIOL TO TREAT SEIZURES CAUSED BY EPILEPSY

Hailey Edelman to be Named a 2020 Davidson Fellow Scholarship Winner

Syosset, N.Y. – The Davidson Fellows Scholarship Program has announced the 2020 scholarship winners. Among the honorees is 17-year-old Hailey Edelman of Closter. Edelman won a \$10,000 scholarship for her project, *Exploring the Role of Cannabidiol in a Caenorhabditis elegans Epilepsy Model*. She is one of only 20 students across the country to be recognized as a scholarship winner.

“I am honored to be recognized as a Davidson Fellow,” said Edelman. “I am excited to continue to embrace my passion for the sciences.”

The cannabidiol components of cannabis have been shown to have anti-convulsive effects, yet the pathway in which CBD inhibits seizure activity is unknown. Edelman’s project explores the protective effects of cannabidiol in mitigating seizure activity and determine which inflammatory pathways are affected by cannabidiol. Edelman’s project was inspired by her sister who uses Epidiolex, the first FDA approved cannabidiol for drug resistant epilepsy, to prevent seizures.

Edelman will be attending Yale University in the fall where she plans to study molecular, cellular and developmental biology.

“We are proud to announce the 2020 Davidson Fellows Scholarship recipients and applaud them for their hard work and achievement in their fields of study,” said Bob Davidson, founder of the Davidson Institute. “By being awarded this recognition, these students have shown immense skill and work ethic, and they should be commended as they continue their educational and research journeys while continuing to work to solve some of the world’s most vexing problems.”

The 2020 Davidson Fellows will be honored during a digital reception on September 30, 2020.

The Davidson Fellows Scholarship program offers \$50,000, \$25,000 and \$10,000 college scholarships to students 18 or younger, who have completed significant projects that have the potential to benefit society in the fields of science, technology, engineering, mathematics, literature and music. The Davidson Fellows Scholarship has provided more than \$8.2 million in scholarship funds to 366 students since its inception in 2001, and has been named one of the most prestigious undergraduate scholarships by [U.S. News & World Report](#). It is a program of the Davidson Institute for Talent Development, a national nonprofit organization headquartered in Reno, Nev. that supports profoundly gifted youth.

About the Davidson Institute

Founded by Bob Davidson in 1999, the Davidson Institute for Talent Development recognizes, nurtures and supports profoundly intelligent young people, and provides opportunities for them to develop their talents to make a positive difference. The Institute offers support through a number of programs and services, including the Davidson Fellows Scholarship and the [Davidson Academy of Nevada](#). For more information about the 2020 Davidson Fellows, please visit www.DavidsonGifted.org/Fellows-Scholarship.

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High-resolution photos are available at www.DavidsonGifted.org/Fellows-Scholarship.