



Davidson Institute
Fellows Scholarship

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**TWO LOS ANGELES COUNTY TEENS RECEIVE NATIONAL SCHOLARSHIPS FOR
UNMATCHED ACHIEVEMENTS**

**Stanley Liu to be awarded \$25,000 and
Ashwin Sivakumar to be awarded \$10,000
2021 Davidson Fellow Scholarship Winners**

Los Angeles – The Davidson Fellows Scholarship Program has announced the 2021 scholarship winners. Among the honorees are 18-year-old Stanley Liu of Arcadia and 16-year-old Ashwin Sivakumar of Pasadena. Only 20 students across the country to be recognized as scholarship winners each year.

“Being recognized as a Davidson Fellow for my engineering project means the world to me,” said Liu. “I never once thought that my original curiosities in engineering would blossom so much and have a tangible impact on the scientific community.”

For his project, Liu developed a low-cost handheld diagnostic device for the detection of HIV-1 antibodies in blood. Inspired by the impact of the Ebola epidemic in 2016 in developing countries with limited medical infrastructure and trained personnel, Liu hopes to develop a future generation of highly sensitive and inexpensive diagnostic devices to prevent future outbreaks.

“Being chosen as a Davidson Fellow is a great honor as past and present Fellows are all distinguished by their extraordinary creativity and accomplishments that benefit society in different ways,” said Sivakumar. “My selection to this group inspires me to continue pushing the boundaries of knowledge and encouraging younger students to chase their dreams so that one day they too could become Davidson Fellows themselves.”

For his project, Sivakumar developed a new technique to model what the range of distribution of the California condor and California turkey would be today without human influence. By leveraging fossil data to construct his model, Sivakumar was able to project which areas for proposed condor reintroduction in the Pacific Northwest are best suited for the condors and speculate how wild turkeys could fill an analogous ecological role of the extinct California turkey.

“The 2021 Davidson Fellows Scholarship recipients have risen the challenges of a global pandemic to complete significant projects within their fields of study,” said Bob Davidson, founder of the Davidson Institute. “To be 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.”

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The 2021 Davidson Fellows will be honored during a virtual ceremony in September 2021.

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 \$8.6 million in scholarship funds to 386 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, 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 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 2021 Davidson Fellows, please visit: DavidsonGifted.org/gifted-programs/fellows-scholarship

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High-resolution photos are available at www.davidsongifted.org/gifted-programs/fellows-scholarship