



Davidson Institute  
**Fellows Scholarship**

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**LOS ANGELES TEENS AWARDED \$85,000 IN SCHOLARSHIPS FOR UNMATCHED ACHIEVEMENTS IN MUSIC & SCIENTIFIC RESEARCH**  
**Vivien He to be awarded \$50,000 as 2022 Davidson Fellow Laureate Scholarship Winner, and Anjal Jain to be awarded \$25,000 and Chunyi Zhou to be awarded \$10,000 as 2022 Davidson Fellow Scholarship Winners**

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Los Angeles – The Davidson Fellows Scholarship Program has announced the 2022 scholarship winners. Among the honorees are Vivien He, 18, of Rancho Palos Verdes, and Chunyi Zhou, 16, and Anjal Jain, 18, of Irvine. Only 21 students across the country are recognized as 2022 scholarship winners.

“To me, being a Davidson Fellow means to care deeply about and commit yourself to making the world better, in both small and big ways,” said He. “I am so excited and honored to be amongst such inspiring peers!”

For her project, *Qube Network: A Low-Cost High-Sensitivity Consumer Seismic Network for Earthquake Early Warning*, He created an earthquake early-warning device. When several devices are networked together, they are able to more accurately detect seismic activity, allowing for more notice to prepare for an earthquake, including shutting off gas lines or halting trains.

Jain’s project, *Rate of Vessel Density and Visual Field Loss using Optical Coherence Tomography Angiography and Humphrey Field Analyzer in Peripapillary Areas of Glaucomatous Eyes*, provides an additional means of earlier glaucoma detection. Her project has the potential to administer earlier medical care and preserve a greater degree of eyesight.

Zhou’s project, *Songs Without Words: Using Classical Music to Promote Introspection and Connection*, applied her experience as a classical violinist to develop new ways to approach abstract and narrative-based classical work, exposing the potential for music as an alternative to visual or verbal storytelling and finding ways to expand its audience.

“This year’s class of Davidson Fellows Scholarship recipients continue to find new and innovative ways to pursue their educational and research journeys while striving to solve some of the world’s most vexing problems,” said Bob Davidson, founder of the Davidson Institute. “These students have not just overcome the challenges of doing significant work during a pandemic; our Fellows have embraced the new opportunities that have come from creative, outside-the-box thinking to use technology to expand their networks of mentors and access new sources of information and data, resulting in a very diverse portfolio of projects.”

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The 2022 Davidson Fellows will be honored during a reception at the Massachusetts Institute of Technology and with a virtual project presentation ceremony in September 2022.

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 \$9 million in scholarship funds to 407 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 2022 Davidson Fellows, please visit: [DavidsonFellows.org](#).

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*High-resolution photos are available at*  
[DavidsonFellows.org](#)