

**For Immediate Release**  
August 22, 2017



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## **HONOLULU TEEN AWARDED \$10,000 FOR RESEARCH IN EMBRYOLOGY**

### **David “Davey” Huang to be Named a 2017 Davidson Fellow**

Reno, Nev. – The Davidson Institute of Talent Development has announced the 2017 Davidson Fellows. Among the honorees is 17-year-old Davey Huang of Honolulu. Huang won a \$10,000 Davidson Fellows Scholarship for his project, *A Noninvasive Model For Aneuploidy Screening In Human Preimplantation Embryos*. He is one of only 20 students across the country to receive this honor.

“I am incredibly honored and inspired to be a Davidson Fellow,” said Huang. “The Davidson Fellow Scholarship will be put towards my education and has motivated me to continue my work in scientific research.”

Huang’s research focuses on using non-invasive observations of human embryo biology and machine learning algorithms to create a model for predicting genetic abnormalities in human preimplantation embryos. His research has applications in the field of in vitro fertilization (IVF). Using his model, IVF clinics may be able to easily screen for aneuploidy embryos before implantation, leading to higher success rates, lower multiple pregnancy rates, and significantly reduced medical costs.

Huang was a finalist the Intel International Science and Engineering Fair, and has presented his work at national and international conferences. He captains his school’s Science Bowl and Science Olympiad teams and has received top state and national awards.

Huang is a rising senior at ‘Iolani School in Honolulu. He hopes to pursue a career in biological or biomedical research with an interdisciplinary focus. He is especially excited by the biological applications of machine learning and artificial intelligence.

“We are thrilled to recognize the 2017 Davidson Fellows not only for their incredible projects, but also for the journey they forged to reach this point,” said Bob Davidson, founder of the Davidson Institute. “Every year I am amazed by the depth of the Fellows’ accomplishments. Through encouragement and recognition, the Davidson Institute for Talent Development anticipates that gifted students like these will be among the pioneers who will solve the world’s most vexing problems.”

The 2017 Davidson Fellows will be honored at a reception in Washington, D.C., on September 27.

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 \$7.1 million in scholarship funds to more than 300 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 2017 Davidson Fellows, please visit [www.DavidsonGifted/Fellows-Scholarship.org](http://www.DavidsonGifted/Fellows-Scholarship.org).

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*High-resolution photos are available at [www.DavidsonGifted.org](http://www.DavidsonGifted.org).*