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POTOMAC TEEN AWARDED \$25,000 FOR RESEARCH ON CRYPTOGRAPHY AND CYBERSECURITY

David Wu to be Named a 2018 Davidson Fellow

Potomac, Md. – The Davidson Institute for Talent Development has announced the 2018 Davidson Fellows. Among the honorees is 18-year-old David Wu. He won a \$25,000 Davidson Fellows Scholarship for his project, *Nonuniform Distributions of Patterns of Sequences of Primes in Prime Moduli*. He is one of only 20 students across the country to receive this honor.

“As a Davidson Fellow, I’m incredibly honored to have the opportunity to show some part of what it’s like to do with math,” said Wu. “Luckily, since we’re (at most) rising college freshmen, a whole world of mathematical and scientific research potentially lies ahead of us.”

Wu’s project focused on studying the patterns of sequential prime numbers. His research improved current methods for gathering data on prime number patterns by several orders of magnitude, which could have an impact on cryptography and cybersecurity.

At Montgomery Blair High School, Wu was captain of the math team and also competed in Science Bowl. He also participated in the Research Science Institute. Outside of math, he studies science and recently took up ice skating.

Wu will attend MIT in the fall to study mathematics.

“We are thrilled to recognize the 2018 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 2018 Davidson Fellows will be honored at a reception in Washington, D.C., on Friday, September 28.

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 \$7.5 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 2018 Davidson Fellows, please visit www.DavidsonGifted.org/Fellows-Scholarship.

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