

For Immediate Release
August 24, 2020



Contact: Megan Bedera,
Amplify Relations
775-997-5690

IRVINE TEEN AWARDED \$25,000 SCHOLARSHIP FOR UNMATCHED ACHIEVEMENT IN MATHEMATICS RESEARCH

Lev Kruglyak to be Named a 2020 Davidson Fellow Scholarship Winner

Irvine, Calif. – The Davidson Fellows Scholarship Program has announced the 2020 scholarship winners. Among the honorees is 17-year-old Lev Kruglyak of Irvine. Kruglyak won a \$25,000 scholarship for his project, *The Rational Cherednik Algebra of Type A_1 with Divided Powers*. He is one of only 20 students across the country to be recognized as a scholarship winner.

“I feel immensely grateful to be named a Davidson Fellow and am humbled to be included in a community of such brilliant peers,” said Kruglyak.

For his project, Kruglyak studied a class of mathematical objects called rational Cherednik algebras, which appear in the intersection of algebraic geometry, representation theory, and mathematical physics. The novel approaches developed by Kruglyak will serve as a foundation for researchers to build upon in future research.

“I love math because it is the purest form of creative expression, an art form removed from the physical limitations of the real world,” said Kruglyak. “Theoretical math is as useful as literature or music — it represents humanity’s desire to take the chaotic world and transform it into something of beauty.”

Kruglyak will be attending Harvard University in the fall of 2021 to study pure math, following a gap-year internship in software engineering.

“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.

###

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