

The University of Pittsburgh Department of Mathematics proudly presents the
The Edmund R. Michalik Distinguished Lecture Series in the Mathematical Sciences

HOW TO USE MATH TO GET RICH IN THE LOTTERY*

(*will not actually help you get rich in the lottery)

Tuesday, February 28, 2017, 2 p.m. • A light reception will follow the lecture.
O'Hara Student Center • 4024 O'Hara Street Pittsburgh, PA 15213



SPEAKER

JORDAN ELLENBERG

JOHN D. MACARTHUR PROFESSOR OF MATHEMATICS
UNIVERSITY OF WISCONSIN AT MADISON

How to Use Math to Get Rich in the Lottery

Hear how a group of students from MIT exploited a loophole in the Massachusetts State Lottery's Cash Winfall game to win more than \$3 million over seven years. Find out how the lottery finally caught up with them and what this all has to do with probability, geometry, and combinatorics.

About the Speaker

New York Times bestselling author Jordan Ellenberg has been writing for a general audience about math for more than fifteen years and his work has appeared in the *New York Times*, the *Wall Street Journal*, the *Washington Post*, *Wired*, *The Believer*, and the *Boston Globe*. He is author of *How Not to Be Wrong: The Power of Mathematical Thinking* (Penguin Press, 2014).

Sponsors: Edmund R. Michalik Fund for Mathematics and the Kenneth P. Dietrich School of Arts and Sciences.

This talk is free and open to the public. For more information, please visit, www.mathematics.pitt.edu.



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