



Department of Mathematics MICHIGAN STATE UNIVERSITY

Distinguished Undergraduate Lecture Series

DAN MARGALIT



Dan Margalit is the Stevenson Professor and Department Chair of the Department of Mathematics at Vanderbilt University.



**More information
about the speaker**

The lecture will be preceded by a reception from 3:30 p.m. - 4:00 p.m. in C204 Wells Hall, and followed by dinner at 5:10 p.m. in D101 Wells Hall.

Juggling Numbers and Geometry

Monday, March 23, 2026

4:10 - 5:00 PM

D101 Wells Hall

One goal of mathematics is to describe the patterns we see in everyday phenomena, from weather to population growth to disease transmission and so on. Professor Margalit will start his presentation by describing juggling — an important everyday phenomenon — using numbers, counting the different kinds of patterns, and creating new ones. From there connections will be made to different areas of mathematics, including group theory, topology, combinatorics, and number theory. The theme is that there are surprising connections all around - we just need to find them! This talk is meant to be accessible to everyone who is interested and curious.

