

 Annual McKnight-Zame Lecture

The Legacy of Erdős in Dynamics

with Dr. Bryna R. Kra

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Paul Erdős wrote almost 1500 papers with hundreds of collaborators: a measure of his lasting influence is the Erdős number, capturing how many collaborators it takes among mathematicians to reach Erdős. He was well known for posing problems in combinatorics and number theory, offering monetary prizes for the solution of many questions. Some of these conjectures have had great influence in dynamical systems, creating connections with seemingly unrelated fields. We discuss these connections, highlighting finding hidden structures in large sets of integers, including the solution to some conjectures of Erdős this past year.

Hosted by the Department of Mathematics

The McKnight-Zame Distinguished Lecture Series is made possible by a generous donation from Dr. Jeffry Fuqua (PhD., UM, 1972). These annual lectures are named in honor of Professor James McKnight, who directed Fuqua's Ph.D. thesis, and Professor Alan Zame, who was a close mentor of Dr. Fuqua.

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NEWMAN ALUMNI CENTER

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