



Thomas Zaslavsky

Professor

Ph.D., 1974, Massachusetts Institute of Technology

At Binghamton since 1985

Areas of Interest: Combinatorics, graph theory

[Summary of research interests](#)

[Math Reviews list of published papers](#) .

(Institutional subscription to [MathSciNet](#) is needed for viewing.)

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Fall 2026

Math 304	Section 06 :	Linear Algebra
	MWF 3:15 - 4:45	WH-G002
Math 580A	Section 01 :	Topics in Combinatorial Analysis
	MWF 1:30 - 2:30	WH-309

- Michael Gottstein, Spring, 2024
Thesis: Partitions and Gain Graphs
- Nicholas Lacasse, Spring, 2023
Thesis: Signed Graphs & Gain Graphs:Packing, Root Systems,Alcoves & Arrangements
- Christopher Eppolito, Summer, 2022 (Co-advisor Laura Anderson)
Thesis: Matroids: Mystic Monoliths, Meta Missiles, and Myopic Meadows
- Amelia Mattern, Spring, 2020
Thesis: Deficiency in Signed Graphs
- Richard Behr, Spring, 2018
Thesis: Edge Coloring and Special Edges of Signed Graphs
- Simon Joyce, Fall, 2017
Thesis: Interaction Graphs Derived From Activation Functions and Their Application to Gene Regulation
- Alexander Schaefer, Summer, 2017
Thesis: Permutable Matchings and Negative Cycle Vectors
- Jackie Kaminski, Summer, 2013
Thesis: Classification of Factored Gain-Graphic Hyperplane Arrangements
- Nathan Reff, Spring, 2012
Thesis: Gain Graphs, Group-Oriented Hypergraphs, and Matrices
- Lucas Rusnak, Spring, 2010
Thesis: Oriented Hypergraphs
- Garry Bowlin, Summer, 2009
Thesis: Maximum Frustration of Bipartite Signed Graphs

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Thesis: Maximum Frustration of Bipartite Signed Graphs
 - Rigoberto Florez, Summer, 2005
Thesis: Four Studies in the Geometry of Biased Graphs
 - Lori Koban, Summer, 2004
Thesis: Two Generalizations of Biased Graph Theory: Circuit Signatures and Modular Triples of Matroids, and Biased Expansions of Biased Graphs
 - Steven Tedford, Spring, 2002
Thesis: A Characterization of the Mixed Branching Greedoid
 - Daniel Slilaty, Summer, 2000
Thesis: Orientations of Biased Graphs and Their Matroids
 - Steve Pagano, Spring, 1998
Thesis: Separability and Representability of Bias Matroids of Signed Graphs
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Here's a link to my [personal web page](#).

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Binghamton University**

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