



How to get involved as a prospective student

- 
 The RTG can support up to 8 PhD students per year as well as travel support.
- 
 If you are interested in the topics or future funding opportunities through this RTG, please contact any of the Principal Investigators.

David Anderson
anderson.2804@osu.edu

Maria Angelica Cueto
cueto.5@osu.edu

Jennifer Park
park.2720@osu.edu

Stefan Patrikis
patrikis.1@osu.edu

Phone
 614-292-6274

Email
grad-info@math.osu.edu

Online
math.osu.edu

Address
 Department of Math
 100 Math Tower
 231 W. 18th Ave.
 Columbus, OH 43210



THE OHIO STATE
 UNIVERSITY
 COLLEGE OF ARTS
 AND SCIENCES

• 2023–2028 •



RESEARCH TRAINING PROGRAM

*Arithmetic, Combinatorics,
 and Topology of Algebraic
 Varieties*



THE OHIO STATE UNIVERSITY
 COLLEGE OF ARTS AND SCIENCES



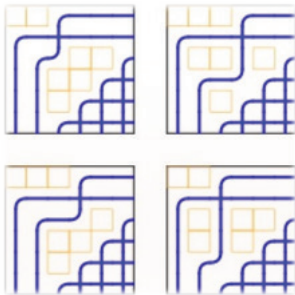
About

Our Research Training Program (RTG) offers *exciting opportunities* for prospective mathematics PhD students with interests in:

- Arithmetic
- Combinatorics
- Topology of Algebraic Varieties

This RTG builds on unique research strengths of our department and aims to nurture a richer and more collaborative intellectual climate for our entering doctoral students.

Schubert calculus: **“Bumpless pipe dreams”**



Overview

The RTG group is comprised of **14 faculty experts** in our department with plans for five thematic years that include:



Focused topics courses



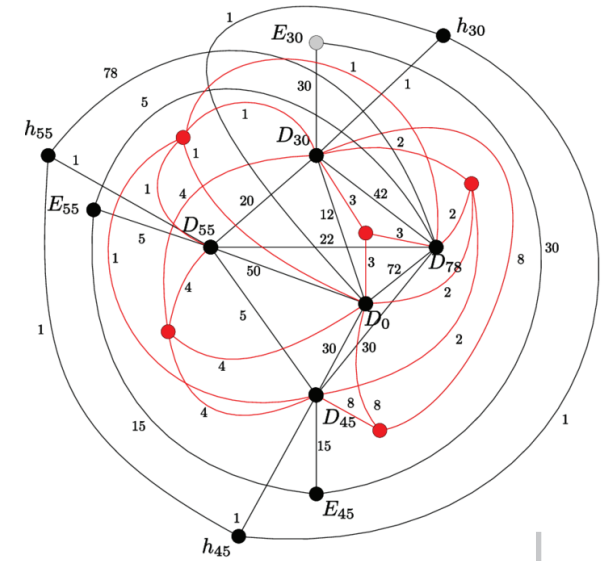
Research training seminars that will evolve into small collaborative research groups



Instruction workshops hosting PhD students for mini-courses



Group retreats featuring a period of intensive mathematical collaboration



Tropical Geometry
“Secant graph”

