

Tim Ryan

Curriculum Vitae

Education

- 2011–present **Ph. D. student in Pure Mathematics**, *University of Illinois*, Chicago.
Advisor: Izzet Coskun, anticipated graduation: May 2016.
- 2010–2011 **Master of Science in Mathematics**, *University of Wisconsin*, Milwaukee.
- 2007–2010 **Bachelor of Art in Mathematics**, *Truman State University*, Kirksville, MO.
- 2007–2010 **Bachelor of Science in Economics**, *Truman State University*, Kirksville, MO.

Research Interests

Moduli spaces, birational geometry, and higher codimensional cycles

Employment

- 2014, 2015 **RTG Fellow**, *University of Illinois*, Chicago.
- 2013, 2015 **Research Assistant**, *University of Illinois*, Chicago.
- 2011–Present **Teaching Assistant**, *University of Illinois*, Chicago.
- 2010–2011 **Research Assistant**, *University of Wisconsin*, Milwaukee.

Publications

- 2015 **The effective cone of moduli spaces of sheaves on $\mathbb{P}^1 \times \mathbb{P}^1$** , *In preparation*.

Organizer

RTG Mini-course

- Spring 2014 **Intersection Theory**, *University of Illinois*, Chicago, Co-Lecturer with Alex Stathis.

Conferences

- April 2015 **Midwest Algebraic Geometry Graduate Conference 2015**, *University of Illinois*, Chicago, Plenary Address by Joe Harris.
- February 2014 **Midwest Algebraic Geometry Graduate Conference 2014**, *University of Illinois*, Chicago, Plenary Address by Brendan Hassett.

Seminars

- Fall 2014 **Graduate Student Algebraic Geometry Seminar**, *University of Illinois*, Chicago.

Speaker

Seminars

- Jan. 2016 **Algebraic Geometry Seminar**, *University of Wisconsin*, Madison.
Oct. 2015 **Undergraduate Colloquium**, *Wheaton College*, Wheaton, IL.
2013–present **Graduate Student Algebraic Geometry Seminar**, *University of Illinois*, Chicago.

Poster

- July 2015 **Algebraic Geometry Bootcamp**, *University of Utah*, Salt Lake City.

Service

- Fall 2014 **Graduate mentoring award nominee committee**, *University of Illinois*, Chicago.

Teaching Experience

- 2011–present **Teaching Assistant**, *University of Illinois*, Chicago.
Math 181 Calculus 2
Math 180 Calculus 1
Math 121 Precalculus
Math 090 Intermediate Algebra
2013–2015 **Grader**, *University of Illinois*, Chicago.
Fall 2013 Math 552 Algebraic Geometry I: A first graduate course
Math 516 Second Course in Abstract Algebra I&II: A graduate sequence
2008–2009 **Grader**, *Truman State University*, Kirksville, MO.
Math 198 Analytic Geometry and Calculus I
Math 192 Essentials of Calculus

Awards

- 2010 **Outstanding Undergraduate in Economics**, *Department of Economics*, Truman State University.
2010 **Outstanding Undergraduate in Mathematics**, *Department of Mathematics and Computer Science*, Truman State University.

Conference Attended

- November 2015 **Workshop on New Developments in Moduli and Geometric Invariant Theory**, *University of North Carolina*, Chapel Hill.
July 2015 **AMS Summer Institute on Algebraic Geometry**, *University of Utah*, Salt Lake City.
Feb. 2015 **RTG Local Cohomology Workshop**, *University of Illinois*, Chicago.
October 2014 **RTG Workshop on Newton-Okunov Bodies**, *University of Illinois*, Chicago.
July 2014 **Graduate Workshop on Moduli of Curves**, *Simons Center for Geometry and Physics*, Stony Brook University.

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- April 2014 **Michigan-Ohio State-UIC Algebraic Geometry Workshop**, *Ohio State University*, Columbus.
- November 2013 **Graduate Workshop on the Geometry of Hilbert Schemes**, *Simons Center for Geometry and Physics*, Stony Brook University.
- October 2013 **Georgia Algebraic Geometry Symposium**, *University of Georgia*, Athens.
- March 2013 **Graduate Student Workshop on Moduli Spaces and Bridgeland Stability**, *University of Illinois*, Chicago.
- October 2012 **Midwest Number Theory Conference for Graduate Students and Recent PhDs IX**, *University of Illinois*, Urbana-Champaign.