

Joshua Goldstein

CONTACT INFORMATION	Blocker Building, Office 619 jgoldstein345@tamu.edu	
EDUCATION	Texas A&M University , College Station, TX <i>PhD Student in Mathematics</i> <i>Advisor: Dr. Maurice Rojas</i> Swarthmore College , Swarthmore, PA <i>B.A. in Mathematics with Honors; Minor in Chemistry</i> Budapest Semester in Mathematics	Sept. 2019 - Present Sept. 2013 - May 2017 Spring 2016
SELECTED COURSEWORK	<i>Mathematics:</i> Linear Algebra, Real Analysis, Functional Analysis, Abstract Algebra, Algebraic Geometry, Model and Computability Theory, Differential Equations <i>Computer Science:</i> Algorithms and Data Structures, Complexity Theory	
PUBLICATIONS	Peter J. Collings, Joshua Goldstein, et al., <i>The nature of the assembly process in chromonic liquid crystals</i> , Liquid Crystals Reviews, 3:1, 1-27 (2015)	
TEACHING EXPERIENCE	TAMU Math Circle <i>Instructor & Graduate Student Organizer</i> <i>Advisor: Dr. Phillip Yasskin, TAMU</i> TAMU REU in Algorithmic Algebraic Geometry <i>Research Mentor</i> <i>Advisor: Dr. Maurice Rojas, TAMU</i> MATH 152: Engineering Mathematics II <i>Teaching Assistant</i> <i>Instructor: Kris Watkins, TAMU</i> TAMU REU in Algorithmic Algebraic Geometry <i>Research Mentor</i> <i>Advisor: Dr. Maurice Rojas, TAMU</i> SEE Math 2021 <i>Instructor & Graduate Student Organizer</i> <i>Advisors: Dr. Phillip Yasskin and David Manuel, TAMU</i> High School of Mathematics (Varna, Bulgaria) <i>English Teaching Assistant, Fulbright Grant</i>	Sept. 2020 - Aug. 2022 June 2022 - July 2022 Jan. 2022 - May 2022 June 2021 - July 2021 July 2021 Sept. 2017 - June 2018
GRADING	MATH 140: Math for Business and Social Sci. (Kenneth Small) MATH 308: Differential Equations (Dr. Marco Roque-Sol) MATH 308: Differential Equations (Dr. Mariya Vorobets) MATH 300: Foundations of Mathematics (Dr. Boris Hanin)	Summer II 2020 Summer I 2020 Spring 2020 Fall 2019
OUTREACH	TAMU Math & Stat. Fair, <i>Volunteer</i> TAMU High School Math Contest, <i>Volunteer</i> ABC House at Strath Haven (Swarthmore, PA) <i>Resident Tutor</i> Bridge to Enter Advanced Mathematics (BEAM) <i>T.A. and Counselor</i>	February 2021 Oct. 2020 Sept. 2016 - June 2017 July 2015

HONORS AND AWARDS	Fulbright ETA Grant (Bulgaria)	Sept. 2017 - June 2018
	Mary McCusker Niemczewski Endowed Scholarship	Sept. 2014 - May 2017
	Sigma Xi	May 2017
CONFERENCE TALKS	<i>On Extremal Trinomials over the p-adic Rationals</i>	
	SIAM Texas-Louisiana Sectional Meeting (Nov. 6, 2021)	
	University of Texas, Rio Grande Valley; South Padre Island, Texas	
	<i>Games in Math Circles: The TAMU Math Circle Apps Website</i>	
	Presented with Dr. Phil Yasskin (TAMU) and Carl Van Huyck (JRMF)	
	MAA MathFest 2021 (Aug. 6, 2021)	
PROFESSIONAL TRAVEL	Real Polynomials: Counting and Stability (BIRS, Online)	Oct. 17-22, 2021
	MAA MathFest (Online)	Aug. 4-7, 2021
	Gathering in Graduate Expository Mathematics (Texas A&M)	March 27, 2021
	Joint Mathematics Meetings (AMS / MAA, Online)	Jan. 6-9, 2022
	Texas Geometry and Topology Conference (Texas A&M)	Nov. 8 - 10, 2019
	Şirince Commutative Algebra Workshop (İzmir, Turkey)	May 2019
	Antalya Algebra Days XXI (İzmir, Turkey)	May 2019
	Group Theory in Ankara (METU; Ankara, Turkey)	May 2-3, 2019
	Ali Nesin Mathematics Village (İzmir, Turkey)	June - August 2018
REFERENCES	Prof. J. Maurice Rojas (Texas A&M)	
	Prof. Phillip Yasskin (Texas A&M)	
	Prof. Janet Talvacchia (Swarthmore College)	
	Prof. Thomas Hunter (Swarthmore College)	