

## Joshua Goldstein

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CONTACT INFORMATION	Department of Mathematics Blocker Building, Office 619	+1 732-207-1749 jgoldstein345@gmail.com
EDUCATION	<b>Texas A&amp;M University</b> , College Station, TX <i>PhD Student in Pure Mathematics</i> <i>Advisor: Dr. Maurice Rojas</i> <b>Swarthmore College</b> , Swarthmore, PA <i>B.A. in Mathematics with Honors; Minor in Chemistry</i> <b>Budapest Semester in Mathematics</b>	Sept. 2019 - Present  Sept. 2013 - May 2017  Spring 2016
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)	
RESEARCH EXPERIENCE	<b>Swarthmore Math REU (Swarthmore, PA)</b> <i>Research on lattice-point enumeration in polytopes</i> Advisor: Thomas Hunter  <b>Liquid Crystal Laboratory (Swarthmore, PA)</b> <i>Research on the aggregation properties of liquid crystals</i> Advisor: Peter J. Collings	Summer 2016  Summer 2014
TEACHING EXPERIENCE	<b>TAMU Math Circle</b> <i>Instructor &amp; Graduate Student Organizer</i> Advisor: Dr. Phillip Yasskin, TAMU <b>TAMU REU in Algorithmic Algebraic Geometry</b> <i>Teaching Assistant</i> Advisor: Dr. Maurice Rojas, TAMU <b>SEE Math 2021</b> <i>Instructor &amp; Graduate Student Organizer</i> Advisors: Dr. Phillip Yasskin and David Manuel, TAMU <b>High School of Mathematics (Varna, Bulgaria)</b> <i>English Teaching Assistant, Fulbright Grant</i>	Sept. 2020 - Present  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) Mary McCusker Niemczewski Endowed Scholarship	Sept. 2017 - June 2018 Sept. 2014 - May 2017

Sigma Xi

PROFESSIONAL  
TRAVEL

Şirince Commutative Algebra Workshop  
Antalya Algebra Days XXI  
Mathematics Village in Selçuk, İzmir, Turkey

May 2019  
May 2019  
Summer 2018

REFERENCES

**Dr. Maurice Rojas** (Texas A&M)  
**Dr. Phillip Yasskin** (Texas A&M)  
**Janet Talvacchia** (Swarthmore College)  
**Thomas Hunter** (Swarthmore College)  
**Ralph Gomez** (Swarthmore College)