

SAMUEL TRIPP

Curriculum Vitae

27 North Main Street, Hanover, NH 05001 \diamond (774) \cdot 239 \cdot 8873
samuel.w.tripp.gr@dartmouth.edu \diamond math.dartmouth.edu/~stripp

EDUCATION

Dartmouth College , Hanover, NH	<i>September 2017 – Present</i>
Ph.D. Mathematics	<i>Anticipated June 2022</i>
Advisor: Ina Petkova	
A.M. Mathematics	<i>November 2018</i>
Williams College , Williamstown, MA	<i>August 2010 – May 2014</i>
B.A. in Mathematics	<i>May 2014</i>
Magna Cum Laude	

WRITINGS

Accepted Papers

A1: *Controlling the generic formal fiber of local domains and their polynomial rings*, Peihong Jiang, Anna Kirkpatrick, S. Loepp, Sander Mack-Crane, and S. Tripp. J. Commut. Alg. 7(2):241–264, 06, 2015. pdf

Other

O1: Anderson, Chris, et al. “Asymmetric L-Space Knots by Experiment.” *ArXiv:1909.00790 [Math]*, Sept. 2019. *arXiv.org*, <http://arxiv.org/abs/1909.00790>.

TEACHING EXPERIENCE

Dartmouth College	Hanover, NH
<i>Professor</i>	<i>Fall 2019</i>
· Professor, responsible for homework, quizzes, exams, and all lectures.	
Math 1 - Introduction To Calculus	
Dartmouth College	Hanover, NH
<i>Teaching Assistant</i>	<i>September 2017 - May 2019</i>
· Held tutorial sessions three times per week. Graded quizzes and exams.	
Math 24 - Linear Algebra	<i>Spring 2019</i>
Math 13 - Calculus of Vector-valued Functions	<i>Winter 2019, Winter 2018</i>
Math 11 - Accelerated Multivariable Calculus	<i>Fall 2017</i>
Williams College	Williamstown, MA
<i>Undergraduate Teaching Assistant</i>	<i>August 2011-December 2013</i>
· Held tutorial sessions and graded homework and exams. Led computer lab sessions.	
Computer Science 136 - Data Structures	<i>Fall 2011</i>
Math 200 - Discrete Mathematics	<i>Spring 2012, Fall 2013</i>

EDUCATIONAL OUTREACH

Exploring Mathematics Summer Program, Dartmouth College

Hanover, NH

- Co-organized two week long programs to expose local high schoolers to the excitement of modern mathematics. Wrote and undertook lectures and activities in game theory and network theory. *Summer 2019*

Math and Science Resource Center, Williams College

Williamstown, MA

Tutor

2012-2013

- Tutored students in multivariable calculus at College's central tutoring space

Mount Greylock Tutor

Williamstown, MA

Tutor

2010-2012

- Tutored local high school students in Chemistry and Physics

RESEARCH PRESENTATIONS

Talks

1. Dartmouth Graduate Student Seminar, Hanover, NH. *(Quarterly) 2017 - Present*
Various Topics

HONORS AND AWARDS

Awards

- Outstanding Graduate Student Teacher, Dartmouth Center for the Advancement of Learning *2018*
- Departmental Thesis Honors *2014*
- Phi Beta Kappa *2013*
- Sigma Xi *2014*

ACADEMIC SERVICE

- Organizer of Dartmouth's Graduate Student Seminar *Spring 2018 – Present*
- Mathematics Department Representative to Dartmouth's Graduate Student Council *Fall 2018 - Present*
- Graduate School TA Orientation Instructor *Fall 2018*

TEACHING TRAINING

Math Teaching Seminar

Hanover, NH

- Summer-long program covering many aspects of pedagogy as it relates to math. *Summer 2019*
Taught by two Dartmouth math faculty, as well as many representatives from various departments.

Dartmouth Center for the Advancement of Learning Future Faculty Course

Hanover, NH

- Five part workshop on course design and educational literature. *Spring 2019*
Topics include principles of learning, lesson design, collaborative learning, critical moments in class, and teaching practice.

PROFESSIONAL MEMBERSHIPS

- American Mathematical Society (AMS) *since Fall 2013*
- Mathematical Association of America (MAA) *since Fall 2013*