

Paul Salomon

curriculum vitae

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Education

MA - Pure Mathematics (<i>summa cum laude</i>)	CUNY-Hunter College	2012
Graduate coursework in Education	Fontbonne University	2006-2007
BA - Mathematics (<i>Physics minor</i>)	Lawrence University	2006

Teaching Experience

Art of Math STL (<i>founder</i>) Private sessions to inspire kids through math and mathematical art.	Saint Louis, MO	2014-present
John Burroughs School Math and Mathematical Art for grades 9-12; JBS Math Circle; Diving Coach; Innovation Committee; Student advisor; Light and Sound.	Saint Louis, MO	2013-present
Saint Ann's School Math and Mathematical Art for grades 5-12; MArTH Madness coordinator; Student research advisor; Saint Ann's Math Journal; Curriculum development.	Brooklyn, NY	2009-2013
Brooklyn Brainery Enticing one-offs and short courses for all ages.	Brooklyn, NY	2012-2013
Excel Learning Academy Summer math courses for grades 3-6.	Brooklyn, NY	2010-2012
Trinity-Pawling School For Boys Math for grades 9-12; Three-sport coach; Student advisor; Dorm parent.	Pawling, NY	2007-2009
John Burroughs School Substitute teacher for grades 7-12; Math, Theater, Speech, and History. Lighting design for "The Odyssey.	Saint Louis, MO	2006-2007

Courses Taught

Standard Courses:

Math 5, Math 6, Math 7,
Algebra 1, Geometry, Algebra 2,
Precalculus, AP Calc AB, AP Calc BC.

Special Courses and electives:

Algebra 2: Functions and Abstract Algebra,
Calculus 1 on Algebraic Functions,
The Complex Plane, Modern Algebra,
Mathematical Art Seminar,
Middle School Mathematical Art,
7th Grade Math Structures.

Publications

"Imbalance Puzzles"

The College Mathematics Journal: Vol. 45, no. 4 Sept. 2014

"Puzzle: Imbalance Abundance"

Playing With Math: Stories from Math Circles, Homeschoolers,
& Passionate Teachers; edited by Sue Van Hattum Fall 2014

"MOVES Conference Offers Plethora of Puzzles | Imbalance"

MAA FOCUS Magazine: October, November 2013 Oct. 2013

"MARTH Madness: Building a Culture of Mathematical Art at Saint Ann's School"

Proceedings of Bridges 2013: Mathematics, Music, Art, Architecture, Culture
(with Anna Weltman and Justin Lanier) Jul. 2013

Mathematical Art Exhibitions

33March Old Orchard Gallery St. Louis, MO Mar. 2014

33July Old Orchard Gallery St. Louis, MO Jul. 2013

Bridges 2013 Art Exhibition Enschede, the Netherlands Jul. 2013

Bridges 2013 Short Film Festival Enschede, the Netherlands Jul. 2013

Saint Ann's VII Biennial Faculty & Staff Art Show Brooklyn, NY Apr. 2013

Talks and Presentations

"Problems of Imbalance"

MOVES Conference New York, NY Aug. 2013

"Math Munch: a weekly digest of the mathematical internet"

TEDxNYED 2013 (with Justin Lanier and Anna Weltman) Brooklyn, NY Apr. 2013

"Math Munch: how it started, how it's made, how it's used, and how you can, too."

Global Math Department (with Justin Lanier) Webinar Apr. 2012

"Origami and Other Math Art"

Global Math Department Webinar Sept. 2012
(with Ashli Black, Justin Lanier, and Anna Weltman)

"Big Ideas in Algebra 2" (panel discussion)

Global Math Department Webinar Aug. 2012

"Choice in the Classroom"

EdcampNYC (with Justin Lanier and Anna Weltman) New York, NY Oct. 2011

Professional Development

Healing Our Nation: St. Louis, MO Jun. 2014
Understanding the Impact of Prejudice & Race

Cultural Comptency: St. Louis, MO Feb. 2014
A Critical Skill for Leadership in the 21st Century, with Dr. Steven Jones

MOVES Conference	New York, NY	Aug. 2013
TEDxNYED 2013	Brooklyn, NY	Apr. 2013
Bridges 2012	Towson, MD	Jul. 2012
NYCResistor (<i>laser cutter training</i>)	Brooklyn, NY	Jul. 2012
TEDxNYED 2012	Queens, NY	Apr. 2012
Northwest Mathematics Interaction "The Mathematics of Origami" & "Math and Games for your Students"	Seattle, WA	Aug. 2011
EdcampNYC	New York, NY	Oct. 2011
The School of Mathematics	Brooklyn, NY	2009-2011
Taft Educational Center Teacher prep for Precalculus and "Geometry with Technology"	Watertown, CT	Jul. 2008
Taft Educational Center Teacher prep for AP Calculus AB, and AP Calculus BC	Watertown, CT	Jul. 2007

Blogging

Math Munch: a weekly digest of the mathematical internet mathmunch.org (<i>coauthor</i>)	2011-present
Lost in Recursion endless thinking about school and math (and art) lostinrecursion.wordpress.com	2011-2013
Cooperative Catalyst changing education as we speak coopcatalyst.wordpress.com (<i>contributing author</i>)	2011-2012

Other Skills and Experience

Multi-instrumental Musician

Piano, guitar, bass, drums, harmonica, vocals, songwriting. Self-taught to play, by ear.
Organized three tours across the midwest for my college band.

Juggler

Advanced ability with various juggling props.. Can juggle up to 6 balls or 4 clubs.
Knowledgeable in the mathematics of juggling and juggling notation.

Champion Diver

2004 Wisconsin State Private College 1m Diving Champion
2002 Missouri All-State Springboard Diving (*honorable mention*)