

Maree Afaga Jaramillo

CONTACT INFORMATION University of Connecticut <http://www.math.uconn.edu/~mjaramillo/>
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Hartford, CT 06103

EDUCATION University of California, Santa Barbara (UCSB), Santa Barbara, CA
Ph.D., Mathematics June 2014
Thesis: Fundamental Groups of Spaces with
Bakry-Emery Ricci Tensor Bounded Below
Advisor: Guofang Wei
Summer Teaching Institute for Associates Certificate October 2013
San Francisco State University, San Francisco, CA
M.A., Mathematics June 2008
Thesis: Commutator Automorphisms of Formal Power Series Rings
Advisor: Joseph Gubeladze
California State University, Stanislaus, Turlock, CA
B.A., Mathematics June 2006
Honors: *Summa cum laude*

AWARDS AND HONORS

- *Provost's Teaching Innovation Mini Grant award* December 2015
University of Connecticut
- *AMS Travel Support* January 2014
- *UCSB Doctoral Student Travel Grant* January 2014
- *President's Dissertation Year Fellowship* 2013-2014
- *UCSB GSA Excellence in Teaching Award Nominee* Spring 2013
- *UCSB Graduate Student Fellowship Recipient* 2008-2009, 2012-2013
- *Outstanding Graduate Student in Mathematics Award* Spring 2008
San Francisco State University
- *Honorable Mention, Graduate Physical Science Division* Spring 2008
College of Science and Engineering Student Project Showcase
San Francisco State University
- *Louis Stokes Alliance for Minority Participation (LSAMP)* 2006-2008
Bridge to the Doctorate Fellow
- *Phi Kappa Phi Honor Society Member* Inducted Spring 2005

PUBLICATIONS

- M. Jaramillo, R. Perales, P. Rajan, C. Searle, A. Siffert, *Alexandrov Spaces with Integral Current Structure*. Preprint arXiv: :1703.08195 (Submitted)
- M. Jaramillo, *Fundamental Groups of Spaces with Bakry-Emery Tensor Bounded Below*. *J. Geom. Anal.* 25 (2015), no. 3, 1828 - 1858.

EXPERIENCE*Assistant Professor in Residence*, University of Connecticut, Greater Hartford Campus

- Quantitative Learning Center Coordinator Fall 2016- Present
- Calculus I Fall 2016
- Precalculus Spring 2017, Summer 2017

Visiting Assistant Professor, University of Connecticut Mathematics Department

- Calculus for Business and Economics (coordinator) Spring 2016
- Calculus II Fall 2014
- Multivariable Calculus Fall 2014, 2015, Spring 2015, 2016
- Mathematics for Business and Economics Spring 2015
- Linear Algebra with Applications Summer 2015
- Transitions to Advanced Mathematics Fall 2015, Spring 2016

Teaching Associate (Instructor of Record), UCSB Mathematics Department

- Calculus for Life and Social Sciences II Summer Session B 2013
- Differential Equations and Linear Algebra I Summer Sessions A and B 2012
- Calculus with Applications I Summer Session A 2010

Lead TA, UCSB Mathematics Department Fall 2012

Mathematics Department Training for New Teaching Assistants

Workshop Host, UCSB, Campus-wide TA Training Fall 2012

Workshop: "Teaching Mixed-Ability Classes in Math and Science"

Instructor, UCSB California NanoSystems Institute Summer 2012

Summer Institute for Math and Science

Teaching Assistant, UCSB Mathematics Department

- Calculus for Life and Social Sciences I Fall 2009, Spring 2011, Fall 2012
- Calculus for Life and Social Sciences II Spring 2010, Winter 2011
- Calculus with Applications I Fall 2011
- Calculus with Applications II Fall 2010
- Differential Equations and Linear Algebra I Winter 2012
- Transition to Higher Mathematics Summer Session C 2011
- Abstract Algebra II Winter 2010

TALKS**PRESENTED**

UConn Math Club October 2015

University of Connecticut, Storrs, CT

Invited Talk

S.I.G.M.A. Seminar April 2015

University of Connecticut, Storrs, CT

Invited Talk

Geometry and Topology Seminar, April 2015

Dartmouth College, Hanover, NH

Invited Talk

CUNY Curvature and Intrinsic Flat Convergence Workshop, April 2015

CUNY Graduate Center, New York, NY

Invited Talk

PDE and Differential Geometry Seminar, September 2014

	University of Connecticut, Storrs, CT <i>Invited Talk</i>	
	AMS Sectional Meeting, University of Tennessee, Knoxville, TN <i>Invited Talk</i>	March 2014
	Joint Mathematics Meetings, Baltimore, MD <i>AMS Contributed Paper Session Presentation</i>	January 2014
	AMS Sectional Meeting University of California, Riverside, CA <i>Invited Talk</i>	November 2013
	Differential Geometry Seminar, University of California, Santa Barbara, CA <i>Invited Talk</i>	October 2013
	Southern California Women in Math Symposium	October 2013 October 2012
CONFERENCES ATTENDED	Women in Geometry Workshop Banff International Research Center, Banff, Alberta, Canada	November 2015
	Smoky-Great Plains Geometry Conference Wichita State University, Wichita, KS	April 2015
	Smoky-Cascade Geometry Conference University of Tennessee, Knoxville, TN	March 2014
	Graduate Student Topology & Geometry Conference University of Notre Dame	April 2013
	Joint Mathematics Meetings, Baltimore, MD San Diego, CA	January 2014 January 2013
	Bay Area Differential Geometry Seminar, MSRI, Berkeley, CA	March 2013
	Southern California Geometric Analysis Seminar	February 2011, January 2012 February 2013, February 2014
	Southern California Women in Math Symposium	November 2010
	Nebraska Conference for Undergraduate Women in Mathematics	February 2006
ACTIVITIES OUTREACH	UConn Math Club University of Connecticut, Storrs, CT <i>Panelist: "Applying to Graduate School"</i>	April 2016
	Women in Math, Science and Engineering (WiMSE) University of Connecticut, Storrs, CT <i>Volunteer Math Tutor</i>	Fall 2015- Spring 2016
	New Faculty Workshops, University of Connecticut, Storrs, CT <i>Panelist: "First Year Faculty Experience," Storrs, CT</i>	Fall 2015

<i>Volunteer</i> STEM-fest, Storrs, CT Help design math project for local high school academic olympiad	Spring 2015
<i>Co-organizer</i> Hypatian Seminar Mathematics Department, UCSB	2012-14
Pacific Coast Undergraduate Math Conference, Pepperdine University <i>Panelist:</i> "What to Expect Your First Year of Graduate School"	March 2010
Julia Robinson Mathematics Festival, Google Campus <i>Volunteer:</i> Supervised activities for middle school students	May 2008