Maree Afaga Jaramillo

CONTACT INFORMATION	Department of Mathematics 6607 South Hall University of California, Santa Barbara Santa Barbara, CA 93106

CITIZENSHIP   United States

EDUCATION

University of California, Santa Barbara (UCSB), Santa Barbara, CA
Ph.D., Mathematics   Expected 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

Certificate in College and University Teaching   Expected June 2014

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

- *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

PREPRINT

- "Fundamental Groups of Spaces with Bakry-Emery Tensor Bounded Below," arXiv:1309.6685v1

EXPERIENCE

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 Institue   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

AMS Sectional Meeting, University of California, Riverside   November 2013
Invited Talk: "Fundamental Group of Spaces with Bakry-
Emery Ricci Tensor Bounded Below"

Differential Geometry Seminar, UCSB   October 2013
Invited Talk: "Fundamental Group of Spaces with Bakry-
Emery Ricci Tensor Bounded Below"

Southern California Women in Math Symposium
Talk presented: "On Fundamental Groups and Smooth   October 2013
Metric Measure Spaces"
Talk presented: "Results for Smooth Metric Measure Spaces   October 2012
with Bakry-Emery Ricci Curvature Bounded Below"

CONFERENCES ATTENDED

Graduate Student Topology & Geometry Conference   April 2013
University of Notre Dame

Joint Mathematics Meetings, San Diego, CA   January 2013

Bay Area Differential Geometry Seminar, MSRI, Berkeley, CA   March 2013

Southern California Geometric Analysis Seminar   February 2011, January 2012
February 2013

Southern California Women in Math Symposium   November 2010

Nebraska Conference for Undergraduate Women in Mathematics   February 2006

OUTREACH ACTIVITIES

Co-organizer Hypatian Seminar   2012-13
Mathematics Department, UCSB

Pacific Coast Undergraduate Math Conference, Pepperdine University   March 2010
Panelist: "What to Expect Your First Year of Graduate School"

Julia Robinson Mathematics Festival, Google Campus   May 2008
Volunteer: Supervised activities for middle school students