

Evelyn J. Lamb

155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Phone: 801-588-6851
lamb@math.utah.edu
<http://math.utah.edu/~lamb>
Citizenship: USA

Employment

Assistant Professor/Lecturer, University of Utah, July 2013-present.
Freelance math and science writer, August 2012-July 2013.

Education

Ph.D. in Mathematics, Rice University, May 2012, Dr. Michael Wolf, thesis advisor.
M.A. in Mathematics, Rice University, January 2009.
B.A. in University Scholars, Summa Cum Laude, Baylor University, May 2005.

Areas of Research Interest

Teichmüller theory, harmonic maps, surface group representations, hyperbolic geometry, complex analysis.

Honors and Awards

Project NExT (New Experiences in Teaching) Fellow, 2013-2014.
AMS-AAAS Mass Media Fellowship, Scientific American, 2012.
JoAnn Reynolds Skaret Scholarship, Rice University, 2010-2011. Awarded on the basis of academic merit and community involvement.
NSF VIGRE Fellow, Vertical Integration of Research and Education in Mathematical Sciences, Rice University, 2007-2008.

Selected Mathematics Presentations

Harmonic maps and the indiscrete components of representation space. AWM Research Symposium, Santa Clara University, 17 March, 2013.

Harmonic maps and the indiscrete components of the representation space. Workshop on Higher Teichmüller Theory, Centre de recherches mathématiques, Montreal, 10 October 2012.

Representation theory and harmonic maps. Ahlfors-Bers Colloquium, Rice University. 25 March, 2011.

Representation theory and harmonic maps. Algebra and Geometry Seminar, University of Texas-Pan American. 19 November, 2010.

The Hopf differential and harmonic maps on branched hyperbolic surfaces. Poster session, Geometry, Topology and Dynamics of Character Varieties, Singapore. 26-30 July, 2010.

The Hopf differential and harmonic maps on branched hyperbolic surfaces. AMS Sectional Meeting special session on Teichmüller theory, hyperbolic geometry, and complex dynamics, New Jersey Institute of Technology. 22 May, 2010.

Harmonic maps and Teichmüller theory. Current Mathematics Seminar, Rice University. 17 September, 2009.

Grötzsch's problem and Teichmüller theory. Current Mathematics Seminar, Rice University. 18 September, 2008.

Selected Science Writing Presentations and Panels

Hands-on Math. ScienceOnline, 31 January, 2013.

Public Statistics. ScienceOnline, 31 January, 2013.

From Science to Writing. Wesleyan University, 6 November, 2012.

Teaching

Instructor

- Foundations of Analysis II, University of Utah, Fall 2013.
- Calculus of Variations (VIGRE research group), Rice University, Summer 2010.
- Linear Algebra, Rice University, Summer 2009.
- Calculus II, Rice University, Summer 2008.
- Calculus I, Rice University, Spring 2008.
- Calculus II, Rice University, Summer 2007.

Teaching Assistant

- Geometry, Rice University, Spring 2011.
- Topics in Combinatorics, Rice University, Fall 2010.
- Mathematics of Music, Rice University, Spring 2010.
- Number Theory, Rice University, Fall 2009.
- Riemannian Geometry, Rice University, Spring 2009.
- Differential Geometry, Rice University, Fall 2008.
- Geometric Calculus of Variations (VIGRE research group), Rice University, Fall 2007.
- Complex Analysis, Rice University, Spring 2007.
- Linear Algebra, Rice University, Fall 2006.
- Ordinary Differential Equations, Rice University, Spring 2006.
- Calculus I, Rice University, Fall 2005.

Conferences and Workshops

Wasatch Topology Conference Park City, UT. 21-23 August, 2013.

Project NExT Workshop and MAA Mathfest Hartford, CT. 29 July-3 August, 2013.

AWM Research Symposium. Santa Clara University, Santa Clara, CA. 16-17 March, 2013.

American Association for the Advancement of Science Annual Meeting. Boston, MA. 13-18 February, 2013.

ScienceOnline. North Carolina State University, Raleigh, NC. 30 January-3 February, 2013.

Joint Mathematics Meetings. San Diego, CA. 9-12 January, 2013.

Wasatch Topology Conference. University of Utah, Salt Lake City, UT. 14-16 December, 2012.

Lipschitz metric on Teichmüller space. American Institute of Mathematics, Palo Alto, CA. 22-26 October, 2012.

Workshop on Higher Teichmüller-Thurston Theory. Centre de recherches mathématiques, Montreal, Canada. 15-19 October, 2012.

Moduli Spaces of Riemann Surfaces IAS/Park City Mathematics Institute, Park City, UT. 3-23 July, 2011.

The Geometry of Real Projective Structures Mathematical Research Community. Snowbird, UT.

12-18 June, 2011.

Ahlfors-Bers Colloquium. Rice University, Houston, TX. 24-27 March, 2011.

Analysis, Geometry, and Surfaces. Autrans, France. 20-25 March, 2011.

Joint Mathematics Meetings. New Orleans, LA. 6-9 January, 2011.

Geometry and analysis of Riemann surfaces and their moduli. University of Maryland. 24-26 September 2010.

Geometry, Topology and Dynamics of Character Varieties. Institute of Mathematical Sciences, National University of Singapore. 25 July-15 August 2010.

Geometry and Dynamics of Teichmüller Spaces. Hausdorff Institute of Mathematics, Bonn, Germany. 14-18 June, 2010.

2010 Spring Eastern Sectional Meeting. New Jersey Institute of Technology, Newark, NJ. 22-23 May, 2010.

Families of Riemann Surfaces and Weil-Petersson Geometry. Central Connecticut State University, New Britain, CT. 20-24 July, 2009.

Dynamics and Geometry of Teichmüller Space. CIRM, Luminy, France. 18-22 June, 2009.

IAS Program for Women and Mathematics: Knots, Surfaces, the Curve Complex, Foliation, and all that... Institute for Advanced Study, Princeton, NJ. 12-23 May, 2008.

Ahlfors-Bers Colloquium. Rutgers University, Newark, NJ. 8-11 May, 2008.

RTG Workshop on Dynamics on Teichmüller Space. University of Michigan, Ann Arbor, MI. 11-13 April, 2008.

Topics in Teichmüller Theory and Kleinian Groups. Mathematical Sciences Research Institute, Berkeley, CA. 12-16 November, 2007.

Introduction to Teichmüller Theory and Kleinian Groups. Mathematical Sciences Research Institute, Berkeley, CA. 20-24 August, 2007.

Professional Organizations

American Mathematical Society

Association for Women in Mathematics

National Association of Science Writers