

Personal: *Date of Birth:* March 4th, 1985. *Nationality:* USA  
*Languages:* English, good French, some German *Born:* Long Island, New York

## Education:

Harvard	Mathematics	B.A.	2003-2007
MIT	Mathematics	Ph.D. (thesis supervisor: <i>Tobias Colding</i> )	2009-2014

## Professional History:

Instructor (NSF Postdoc)	Princeton	2014-2015
Research Assistant (under <i>André Neves</i> )	Imperial College London	2015-2016
Instructor (NSF Postdoc)	Princeton	2016-2018

## Honors, Prizes and Awards:

Intel STS Finalist (formerly Westinghouse)	2003
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## Grants and Scholarships:

NSF Postdoctoral Fellowship (\$150,000)	2014-2018
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## Invited Conference Talks:

Fields Institute: Workshop on Mean Curvature and Ricci Flow	Toronto	2017
Advances in Geometric Analysis	Zurich	2017
Seminar on Submanifolds	Taipei	2017
Workshop in Geometric Analysis	Maceio	2017
Mathematical Congress of the Americas	Montreal	2017
Fields Institute Geometric Analysis Colloquium	Toronto	2016
Oberwolfach - Geometrie	Oberwolfach	2016
End of Year Winter Conference	UCL	2016

## Selected Invited Seminar Talks:

Yale Geometry and Topology Seminar	October 2017
UPenn Differential Geometry Seminar	Sept 2017
Cambridge Analysis Seminar	June 2017
University of Chicago	April 2017
Rutgers University	Fall 2016
UPenn Differential Geometry	Fall 2016
Berkeley Diff. Geometry Seminar	Fall 2016
Stanford Geometric Analysis Seminar	Fall 2016
MIT Geometric Analysis Seminar	Fall 2016
Oxford Geometry and Topology Seminar	Spring 2016
Warwick Geometric Analysis Seminar	Spring 2016
Imperial College Geometry and Topology Seminar	Spring 2016
Seminar at the Institute for Advanced Study (special year on three-manifolds)	Spring 2016
Institut Henri Poincare, Paris	Spring 2016
Cambridge Geometry/Analysis Seminar	Fall 2015

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University of Muenster Geometry Seminar	Fall 2015
Rutgers University	Fall 2014
Stanford University Geometric Analysis Seminar	Fall 2014
Johns Hopkins University Differential Geometry Seminar	Fall 2014

Teaching/Lecturing:

I taught two sections of Math 201 (Multivariable Calculus) Spring 2015

Minicourses:

I delivered four hours of lectures on min-max constructions at the National University of Taiwan in September 2017.

Organization Activities:

I co-organize with Otis Chodosh the Differential Geometry and Geometric Analysis Seminar at Princeton.

Previously, I co-organized with Lucas Ambrozio the Geometric Analysis Seminar at Imperial College.

In 2013, I obtained funding from a Research in Geometry and Topology NSF grant at MIT and organized a week-long learning seminar in Lake Tahoe on Optimal Transport in differential geometry. The faculty mentor was Nicola Gigli.

Refereeing and editorial work:

I have refereed for Duke Math Journal, J. Diff. Geom., Adv. Math., J. Reine. Angew. Math.