Scott Sheffield

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Massachusetts Institute of Technology

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Cambridge, MA 02139-4307

Education

Ph.D., Mathematics, Stanford University, April 2003

A.M., Mathematics, Harvard University, June 1998

A.B., Mathematics, Harvard University, June 1998

Research awards

2023 Frontiers in Science Award (joint with Jason Miller)

2023 Leonard Eisenbud Prize (joint with Jason Miller)

2022 ICM Invited Plenary Lecture

2021 Elected to American Academy of Arts and Sciences

2017 Clay Research Award (joint with Jason Miller)

2016 Aisenstadt Chair

2014 Simons Fellow in Mathematics

2011 Loève Prize

2010 ICM Invited Lecture

2009 Presidential Early Career Award for Scientists and Engineers (PECASE)

2007 Sloan Research Fellowship

2006 Rollo Davidson Prize

Research grants

2022-2027 NSF Award: DMS 2153742

2017-2022 NSF Award: DMS 1712862

2012-2017 NSF Award: DMS 1209044

2008-2013 NSF PIRE Continuing Grant: OISE 0730136 with Charles Newman,
Daniel Stein, Srinivasa Vardhan, and Gerard Ben Arous

2007-2012 NSF CAREER Award: DMS 0645585

2011-2012 BSF Award: 2010357 with Ariel Yadin

2010-2011 MISTI Global Seed Funds with Bertrand Duplantier

2004-2007 NSF Postdoctoral Fellowship: DMS 0403182

Primary Employment

Institute for Advanced Study Princeton	
Fall 2022–Summer 2023	Visiting Professor
MIT Department of Mathematics	
Fall 2008–present	Professor
Courant Institute; NYU Mathematics Department	
Fall 2007–Spring 2008	Associate Professor
Institute for Advanced Study	
Fall 2006–Spring 2007	NSF/IAS Postdoctoral Fellow
Courant Institute; NYU Mathematics Department	
Fall 2005–Spring 2006	Assistant Professor
U.C. Berkeley Mathematics Department	
Summer 2004–Summer 2005	NSF Postdoctoral Fellow
Microsoft Research	
Summer 2002–Summer 2004	Postdoctoral Researcher

Professional Activities

Associate editor:	Annales de l'Institut Henri Poincaré (until 2011), Probability Theory and Related Fields (until 2015), International Mathematics Research Notices (until 2020), Proceedings of the London Mathematical Society, Notices of the American Mathematical Society.
Co-organizer:	numerous workshops, conferences, prize nomination committees, etc.
Co-organizer:	"Random Geometry" semester at Newton Institute in Cambridge, UK. January to July, 2015.
MIT committee member:	various roles including hiring, graduation admissions, probability curriculum, statistics (played role in creation of statistics center), chair of postdoctoral hiring committee, faculty postdoc officer, etc.
AMS commitee member:	Editorial Boards Committee, 2017-2020.
Co-organizer:	Fall 2006 KITP Semester on Stochastic Geometry and Field Theory
Co-organizer:	Joint Mathematics Colloquium, September 2008 to present.
Co-organizer:	MIT probability seminar, September 2008 to present.
Co-organizer:	2008-09 CRM thematic program on Random Surfaces, Random Functions, Interfaces
Co-organizer:	Summer 2007 IAS/PCMI Summer Session on Statistical Physics
Co-organizer:	Fall 2006 KITP Semester on Stochastic Geometry and Field Theory

Ph.D. students

Completed: Morris Ang (Columbia), Tom Alberts (University of Utah),
Ewain Gwynne (University of Chicago), Nina Holden (New York University),
Sungwook Kim (Bank of America),
Oren Louidor (Technion - Israel Institute of Technology),
Minjae Park (University of Chicago), Joshua Pfeffer (Columbia University),
Xin Sun (University of Pennsylvania),
Menglu Wang (JP Morgan Chase & Co.), Samuel Watson (Brown University)

Current: Manan Bhatia (MIT), Ron Nissim (MIT), Catherine Wolfram (MIT), Pu Yu (MIT)