

Scott Sheffield

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Education

Ph.D., Mathematics, Stanford University, April 2003
A.M., Mathematics, Harvard University, June 1998
A.B., Mathematics, Harvard University, June 1998

Research awards

2025 Elected to National Academy of Sciences
2025 Teaching with Digital Technology Award
2024 Henri Poincaré Prize
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

Co-Chief Editor:	Proceedings of the London Mathematical Society
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 (until 2024), Annals of Mathematics Studies
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, graduate co-chair, etc.
Co-organizer:	Joint Mathematics Colloquium, September 2008 to present
Co-organizer:	MIT probability seminar, September 2008 to present
AMS committee member:	Editorial Boards Committee 2017-2020, chair in final year
Co-organizer:	Numerous workshops, conferences, prize selection committees, special semesters, etc. Examples include a special semester at the Newton Institute in Cambridge, UK; a CRM thematic program on Random Surfaces, Random Functions, Interfaces; an IAS/PCMI Summer Session on Statistical Physics; and a KITP Semester on Stochastic Geometry and Field Theory.

Ph.D. students

Completed:	Morris Ang (UC San Diego), Tom Alberts (University of Utah), Ewain Gwynne (University of Chicago), Nina Holden (New York University), Sungwook Kim (Bank of America), Oren Luidor (Technion - Israel Institute of Technology), Minjae Park (University of Chicago), Joshua Pfeffer (Columbia University), Xin Sun (Peking University), Menglu Wang (JP Morgan Chase & Co.), Samuel Watson (RelationalAI), Catherine Wolfram (Yale Univeristy), Pu Yu (New York University)
Current:	Manan Bhatia (MIT), Ron Nissim (MIT), Yuanzheng Wang (MIT)