# CURRICULUM VITAE for JASON FULMAN (Sep. 21, 2026), 13 pages

## CONTACT INFORMATION

Address: USC Department of Mathematics, KAP 108-MC 2532
3620 South Vermont Avenue
Los Angeles, CA 90089-2532

E-mail: fulman@usc.edu

## EDUCATION

| | |
|---|---|
| Ph.D. (Math) | Harvard, 1997 |
| B.A. (Math) | Harvard, 1993 (Summa Cum Laude) |

## POSITIONS HELD

| | |
|---|---|
| 2009-present | Professor, USC Math Dept. |
| 2006-2009 | Associate Professor, USC Math Dept. |
| 2005-2006 | Associate Professor, University of Pittsburgh Math Dept. |
| 2001-2005 | Assistant Professor, University of Pittsburgh Math Dept. |
| 1999-2001 | NSF Postdoctoral Fellow, Stanford University Math Dept. |
| 1997-1999 | John Wesley Young Research Instructor, Dartmouth College Math Dept. |

## VISITING POSITIONS

| | |
|---|---|
| 5/14-6/14 | Senior Researcher at Universite Paul Sabatier |
| 5/05-6/05 | Visitor to Oxford University Mathematical Institute and Fellow Commoner at Queen's College |
| 6/98-7/98 | Postdoctoral Visitor at Stanford University Statistics Department |
| 8/98-9/98 | Research in Pairs Program at Oberwolfach, Germany. Worked with Peter Neumann (Oxford University) and Cheryl Praeger (University of Western Australia) |
| 8/98 | Visitor to Oxford University Mathematical Institute |

## RESEARCH GRANTS, FELLOWSHIPS, AND HONORS (note that at times I had grants from both NSA and NSF)

| | |
|---|---|
| 2023 | My book "The Mathematics of Shuffling Cards", joint with Persi Diaconis, received the 2023 Choice Outstanding Academic Titles Award |
| 2022-2027 | Simons Foundation Travel Support Grant for Mathematicians |
| 2016-2021 | Simons Foundation Collaboration Grant for |

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|---|---|
| | Mathematicians |
| 2013-2015 | NSA Grant |
| 2012 | Simons Foundation Fellowship |
| 2008-2012 | NSF Grant |
| 2008-2011 | NSA Grant |
| 2005-2008 | NSF Grant |
| 2005-2006 | NSAYoung Investigator's Grant |
| 2003-2004 | NSAYoung Investigator's Grant |
| 1998-2001 | NSF Postdoctoral Fellowship |
| 1996-1997 | Alfred P. Sloan Dissertation Fellowship |
| 1993-1996 | National Defense Science and Engineering Graduate Fellowship |
| 1992 | Inducted into Phi Beta Kappa |

**POSTDOCS**

| | |
|---|---|
| 2026-2027 | Elad Zelingher |
| 2024-2025 | Yifeng Huang (advisor in name only) |
| 2021-2022 | Sangchul Lee |
| 2018-2019 | Gene Kim |

**Ph.D. STUDENTS**

| | |
|---|---|
| Ivan Feng | Current student |
| Alex Clay | Current student |
| Dominic Arcona | Current student |
| J.E. Paguyo | Former student, graduated 2023 |
| John Rahmani | Former student, graduated 2021 |
| Alperen Ozdemir | Former student, graduated 2020 |
| Enes Ozel | Former student, graduated 2018 |
| Gene Kim | Former student, graduated 2018 |
| Dinh Nguyen | Former student, graduated 2017 |
| Haining Ren | Former student, graduated 2015 |
| Umit Islak | Former student, graduated 2014 |
| John Pike | Former student, graduated 2013 |
| Radoslav Marinov | Former student, graduated 2013 |
| Nathan Ross | Former student, graduated 2009 |
| Lerna Pehlivan | Former student, graduated 2009 |

**MASTERS STUDENTS**

| | |
|---|---|
| Beijia Zhang | Former student, graduated 2009 |
| Meghdi Aboulian | Former student, graduated 2009 |

**SERVICE (USC)**

| | |
|---|---|
| 2025-2026 | Teaching Fellows Hiring Committee, Member |
| 2025-2026 | Chair of Graduate Exam Committee for Applied Probability |
| 2023-2024 | Teaching Fellows Hiring Committee, Member |
| 2023 | (Fall) Graduate Exam Committee for Probability, Member |
| 2022 | (Spring) Chair of Graduate Exam Committee for Probability |
| 2022 | Greta Panova Promotion Committee Member |
| 2021 | TA Teaching Prize Selection Committee, Member |
| 2021-2022 | Coorganizer of Combinatorics Seminar |
| 2019-2021 | Graduate Exam Committee for Probability, Member |
| 2014-2018 | Colloquium Committee, Co-Chair (4 years!) |
| 2016-2017 | Faculty Developmental Committee, Member |
| 2014-2015 | Undergraduate Advisement Committee, Member |
| 2014-2015 | Merit and FLAC Committee, Member |
| 2014-2015 | Faculty Developmental Committee, Member |
| 2014-2015 | Graduate Exam Committee for Probability, Member |
| 2013-2015 | Elected to USC Faculty Council |
| 2013-2014 | Consultative Committee for Chairman Selection, Member |
| 2012-2014 | Merit/Promotion Committee, Member |
| 2013-2014 | FLAC (Teaching Load) Committee, Member |
| 2012-2014 | Undergraduate Advisement Committee, Member |
| 2012-2013 | Hiring Committee, Chair |
| 2012-2013 | Faculty Developmental Committee, Member |
| 2009-2011 | Merit Committee, Member |
| 2007-2011 | Colloquium Committee, Chair |
| 2010-2011 | Graduate Exam Committee for Probability, Member |
| 2009-2010 | Review Committee for Jay Bartroff, Member |
| 2006-2008 | Merit Committee, Member |
| 2006-2007 | Statistics Hiring Committee, Member |
| 2006-2007 | Colloquium Committee, Co-Chair |

## OTHER ACTIVITIES

Reviewer for Israel Research Foundation, 2010, 2020
2020 FPSAC (Formal Power Series and Algebraic Combinatorics) Program Committee
External Examiner for Amy Pang, 2018
Simons Foundation Grant Review 2014, 2015, 2017
NSA Grant Review Panel (Probability and Statistics) 2013
Reviewer for NSF Grants 2012
Co-organizer for Special AMS Session: Probability and Combinatorics on Groups, 2010
NSF Grant Review Panel (Probability) 2006, 2010
Reviewer for NSA Grants 2004, 2006, 2008, 2014
Reviewed articles for Math Reviews
Refereed numerous articles

External Ph.D. thesis examiner for Han Liang Gan, 2014
External Ph.D. thesis examiner for Scott Brown, 2006

**BOOKS (2)**

1. "The Mathematics of Shuffling Cards", with Persi Diaconis, published by the American Mathematical Society, 2023, 346 pages.

2. "A Generating Function Approach to Matrix Enumeration in the Finite Classical Groups", with Peter Neumann, and Cheryl Praeger, Memoirs of the American Mathematical Society, 2005, 90 pages, ISBN 0821837060.

**REFEREED JOURNAL ARTICLES (83)**

3. "Stein's method and the modular behavior of Eulerian numbers", joint with Adrian Roellin, Electronic Communications in Probability, Volume 31 (2026), 8 pages.

4. "Derangements in affine classical groups and Cohen Lenstra heuristics", joint with Dennis Stanton, Journal of Algebra, Volume 697 (2026), 52-62.

5. "Derangements in finite classical groups and characteristic polynomials of random matrices", joint with Robert Guralnick, Journal of Algebra, Volume 698 (2026), 116-137.

6. "Representation theory and central limit theorems for traces of commutators for compact Lie groups", Advances in Applied Mathematics, 2026, 10 pages.

7. "Tensor product Markov chains and Weil representations", joint with Michael Larsen and Pham Huu Tiep, Journal of Algebra, 2025, 278-314.

8. "Beta Approximation for the Two Alleles Moran Model by Stein's Method", Statistics and Probability Letters, 2024, 7 pages.

9. "Probabilistic Generation of Finite Almost Simple Groups", joint with Daniele Garzoni and Robert Guralnick, Advances in Math, 2024, 26 pages.

10. "Enumeration of Conjugacy Classes in Affine Groups", joint with Robert Guralnick, Algebra and Number Theory, Volume 18, 2024, 1189-1219.

11. "Carries and a Map on the Space of Rational Functions", Advances in Applied Mathematics, Volume 152, 2024, 7 pages.

12. "Cohen Lenstra Partitions and Mutually Annihilating Matrices over a Finite Field", joint with Robert Guralnick, Linear Algebra and its Applications, Volume 645, 2022, 1-8.

13. "Central Limit Theorem for Peaks of a Random Permutation in a Fixed Conjugacy

Class of S_n", joint with Gene Kim and Sangchul Lee, Annals of Combinatorics, Volume 26, 2022, 97-123.

14. "Stein's Method, Heat Kernel, and Linear Functions on the Orthogonal Groups", joint with Adrian Roellin, Journal of Algebra, Volume 607, 2022, 272-285.

15. "On the Joint Distribution of Descents and Signs of Permutations", joint with Gene Kim, Sangchul Lee, and Kyle Petersen, Electronic Journal of Combinatorics, Volume 28, 2021, 30 pages.

16. "Card Shuffling and P-partitions", with Kyle Petersen, Discrete Mathematics, Volume 344, 2021, 18 pages.

17. "Stein's Method and Narayana Numbers" with Adrian Roellin, Statistics and Probability Letters, Volume 165, 2020, article no. 108835, 1-9.

18. "Random Partitions and Cohen-Lenstra Heuristics" with Nathan Kaplan, Annals of Combinatorics, Volume 23, 2019, 295-315.

19. "Derangements in Finite Classical Groups for Actions Related to Extension Field and Imprimitive Subgroups and the Solution of the Boston-Shalev Conjecture", with Robert Guralnick, Transactions of the American Mathematical Society, Volume 370, 2018, 4601-4622.

20. "Enumeration of Commuting Pairs in Lie Algebras over Finite Fields", with Robert Guralnick, Annals of Combinatorics, Volume 22, 2018, 295-316.

21. "Asymptotics of the Number of Involutions in Finite Classical Groups", with Robert Guralnick and Dennis Stanton, Journal of Group Theory, Volume 20, 2017, 871-902.

22. "Generating Functions and Statistics on Spaces of Maximal Tori in Classical Lie Groups", with Rita Jimenez Rolland and Jennifer Wilson, New York Journal of Mathematics, Volume 23, 2017, 165-191.

23. "Derangements in Subspace Actions of Finite Classical Groups", with Robert Guralnick, Transactions of the American Mathematical Society, Volume 369, 2017, 2521-2572.

24. "A Generating Function Approach to Counting Theorems for Square-free Polynomials and Maximal Tori", Annals of Combinatorics, Volume 20, 2016, 587-599.

25. "On the Distribution of the Number of Fixed Vectors in the Finite Classical Groups", with Dennis Stanton, Annals of Combinatorics, Volume 20, 2016, 755-773.

26. "Hall-Littlewood Polynomials and Cohen-Lenstra Heuristics for Jacobians of Random Graphs", Annals of Combinatorics, Volume 20, 2016, 115-124.

27. “Stein’s Method and the Rank Distribution of Random Matrices over Finite Fields”, with Larry Goldstein, Annals of Probability, Volume 43, 2015, 1274-1314.

28. “Combinatorics of Balanced Carries”, with Persi Diaconis, Advances in Applied Math, Volume 59, 2014, 8-25.

29. “Cohen-Lenstra Heuristics and Random Matrix Theory over Finite Fields”, Journal of Group Theory, Volume 17, 2014, 619-648.

30. “Generating Functions for Real Character Degree Sums of Finite General Linear and Unitary Groups”, with Ryan Vinroot, Journal of Algebraic Combinatorics, Volume 40, 2014, 387-416.

31. “The Number of Regular Semisimple Conjugacy Classes in the Finite Classical Groups”, with Robert Guralnick, Linear Algebra and its Applications, Volume 439, 2013, 488-503.

32. “Exponential Approximation and Stein’s Method of Exchangeable Pairs”, with Nathan Ross, ALEA, Latin American Journal of Probability and Mathematical Statistics, Volume 10, 2013, 1-13.

33. “Analysis of Casino Shelf Shuffling Machines”, with Persi Diaconis and Susan Holmes, Annals of Applied Probability, Volume 23, 2013, 1692-1720.

34. “Stein’s Method, Heat Kernel, and Traces of Powers of Elements of Compact Lie Groups”, Electronic Journal of Probability, Volume 17, 2012, 1-16.

35. “Foulkes Characters, Eulerian Idempotents, and an Amazing Matrix”, with Persi Diaconis, Journal of Algebraic Combinatorics, Volume 36, 2012, 425-440.

36. “Cycle Indices for Finite Orthogonal Groups of Even Characteristic”, with Jan Saxl and Pham Huu Tiep, Transactions of the American Mathematical Society, Volume 364, 2012, 2539-2566.

37. “Bounds on the Number and Sizes of Conjugacy Classes in Finite Chevalley Groups with Applications to Derangements”, with Robert Guralnick, Transactions of the American Mathematical Society, Volume 364, 2012, 3023-3070.

38. “Exponential Approximation by Exchangeable Pairs and Spectral Graph Theory”, with Sourav Chatterjee and Adrian Roellin, ALEA, Latin American Journal of Probability and Mathematical Statistics,Volume 8, 2011, 197-223.

39. “Zero biasing and Jack measures”, with Larry Goldstein, Combinatorics, Probability, and Computing, Volume 20, 2011, 753-762.

40. “Separation Cutoffs for Random Walk on Irreducible Representations”, Annals of Combinatorics, Volume 14, 2010, 319-337.

41. “On Adding a List of Numbers (and Other One-Dependent Determinantal Processes)”, with Alexei Borodin and Persi Diaconis, Bulletin of the American Mathematical Society, Volume 47, 2010, 639-670.

42. “Carries, Shuffling, and an Amazing Matrix”, with Persi Diaconis, American Mathematical Monthly, Volume 116, 2009, 788-803.

43. “A Sharp Analysis of the Mixing Time for Random Walk on Rooted Trees”, Electronic Journal of Combinatorics, Volume 16 (1), R 139, 2009, 13 pages.

44. “Carries, Shuffling, and Symmetric Functions”, with Persi Diaconis, Advances in Applied Mathematics, Volume 43, 2009, 176-196.

45. “Stein’s Method and Characters of Compact Lie Groups”, Communications in Mathematical Physics, Volume 288, 2009, 1181-1201.

46. “Commutation Relations and Markov Chains”, Probability Theory and Related Fields, Volume 144, 2009, 99-136.

47. “On Fixed Points of Permutations”, with Persi Diaconis and Robert Guralnick, Journal of Algebraic Combinatorics, Volume 28, 2008, 189-218.

48. “Stein’s Method and Random Character Ratios”, Transactions of the American Mathematical Society, Volume 36, 2008, 3687-3730.

49. “Convergence Rates of Random Walk on Irreducible Representations of Finite Groups”, Journal of Theoretical Probability, Volume 21, 2008, 193-211.

50. “An Inductive Proof of the Berry-Esseen Theorem for Character Ratios”, Annals of Combinatorics, Volume 10, 2006, 319-332.

51. “Power Series Coefficients for Probabilities in Finite Classical Groups”, with John Britnell, Journal of Algebra, Volume 305, 2006, 1212-1237.

52. “Martingales and Character Ratios”, Transactions of the American Mathematical Society, Volume 358, 2006, 4533-4552.

53. “Stein’s Method and Descents after Riffle Shuffles”, Electronic Journal of Probability, Volume 10, 2005, 901-924.

54. “Stein's Method and Plancherel Measure of the Symmetric Group”, Transactions of the American Mathematical Society., Volume 357, 2005, 555-570.

55. “Card Shuffling and the Decomposition of Tensor Products”, Pacific Journal of Mathematics, Volume 217, 2004, 247-262.

56. “Stein’s Method, Jack Measure, and the Metropolis Algorithm”, Journal of Combinatorial Theory, Series A , Volume 108, 2004, 275-296.

57. “Conjugacy Class Properties of the Extension of GL(n,q) Generated by the Inverse Transpose Involution”, with Robert Guralnick, Journal of Algebra , Volume 275, 2004, 356-396.

58. “A Card Shuffling Analysis of Deformations of the Plancherel Measure of the Symmetric Group”, Electronic Journal of Combinatorics, 2004, 15 pages.

59. “Applications of Symmetric Functions to Cycle and Increasing Subsequence Structure After Shuffles”, Journal of Algebraic Combinatorics . Volume 16, 2002, 165-194.

60. “GL(n,q) and Increasing Subsequences in Non-Uniform Random Permutations”, Annals of Combinatorics. Volume 6, 2002, 19-32.

61. “Random Matrix Theory over Finite Fields”, Bulletin of the American Mathematical Society. Volume 39, Number 1, 2002, 51-85.

62. “Finite Affine Groups: Cycle Indices, Symmetric Functions, and Probabilistic Algorithms”, Journal of Algebra. Volume 250, 2002, 731-756.

63. “Applications of the Brauer Complex: Card Shuffling, Permutation Statistics, and Dynamical Systems”, Journal of Algebra. Volume 243, 2001, 96-122.

64. “A Probabilistic Proof of the Rogers Ramanujan Identities”, Bulletin of the London Mathematical Society. Volume 33, 2001, 397-407.

65. “Descent Algebras, Hyperplane Arrangements, and Shuffling Cards”, Proceedings of the American Mathematical Society. Volume 129, 2001, 965-973.

66. “A Probabilistic Approach to Conjugacy Classes in the Finite Symplectic and Orthogonal Groups”, Journal of Algebra. Volume 234, 2000, 207-224.

67. “Affine Shuffles, Shuffles with Cuts, the Whitehouse module, and Patience Sorting”, Journal of Algebra. Volume 231, 2000, 614-639

68. “The Eigenvalue Distribution of a Random Unipotent Matrix in its Action of Lines”, Journal of Algebra..Volume 228, 2000, 497-511.

69. “Semisimple Orbits of Lie Algebras and Card Shuffling Measures on Coxeter Groups”, Journal of Algebra. Volume 224, 2000, 151-165.

70. “Counting Nilpotent Pairs in Finite Groups”, with Mike Galloy, Gary Sherman, and Jeff Vanderkam, Ars Combinatoria. Volume 54, 2000, 161-178.

71. “The Rogers-Ramanujan Identities, the Finite General Linear Groups, and the Hall-Littlewood Polynomials”, Proceedings of the American Mathematical Society. Volume 128, 2000, 17-25.

72. “Descent Identities, Hessenberg Varieties, and the Weil Conjectures”, Journal of Combinatorial Theory, Series A. Volume 87, 1999, 390-397.

73. “Counting Semisimple Orbits of Finite Lie Algebras by Genus”, Journal of Algebra. Volume 217, 1999, 170-179.

74. “Hall Polynomials and the Fixed Space of an Automorphism of an Abelian p-Group”, Archiv der Mathematik.Volume 73, 1999, 1-10.

75. “Comparing Eigenvalue Bounds for Markov Chains: When Does Poincaré Beat Cheeger?”, with Elizabeth Wilmer, Annals of Applied Probability. Volume 9, 1999, pp. 1-13.

76. “A Probabilistic Approach Toward Conjugacy in the Finite General Linear and Unitary Groups”, Journal of Algebra. Volume 212, No. 2, 1999, pp. 557-590.

77. “Cycle Indices for the Finite Classical Groups”, Journal of Group Theory. Volume 2, No. 3, 1999, pp. 251-289.

78. “A Simple Geometric Proof of the Invariance of the Conway Polynomial for Links in 3-Space,” with Dror Bar-Natan and Lou Kauffman, The Journal of Knot Theory and its Ramifications. Volume 7, No. 7, 1998, 873-879.

79. “Orbifold Euler Characteristics and the Number of Commuting m-tuples in the Symmetric Groups”, with Jim Bryan, Annals of Combinatorics. Volume 2, 1998, pp. 1-6.

80. “The Combinatorics of Biased Riffle Shuffles”, Combinatorica. Volume 18, No. 2, 1998, pp.173-184.

81. “The Distribution of Descents in Fixed Conjugacy Classes of the Symmetric Groups”, Journal of Combinatorial Theory, Series A. Volume 84, 1998, pp. 171-180.

82. “Divisibility Results on Conjugacy Classes of Finite Groups,” Archiv der Mathematik. Volume 67, 1996, pp. 11-15.

83. “Vertex Domination Critical Graphs,” with Denis Hanson and Gary MacGillivray, Networks. Volume 24, 1995, pp. 41-43.

84. "A Generalization of Vizing's Theorem on Domination," Discrete Mathematics. Volume 126, 1994, pp. 403-406.

85. "A Note on the Characterization of Domination Perfect Graphs," The Journal of Graph Theory. Volume 17, 1993, pp. 47-51.

**REFEREED BOOK CHAPTERS (1)**

86. "Stein's Method and Non-Reversible Markov Chains", Chapter 4 in "Stein's Method: Expository Lectures and Applications", Institute of Mathematical Statistics Lecture Notes, Volume 46, (2004), Diaconis, Holmes, editors, 69-77.

**REFEREED CONFERENCE PROCEEDINGS (1)**

87. "Derangements in Simple and Primitive Groups", with Robert Guralnick, in Groups, combinatorics, and geometry: Durham 2001, (2003) Ivanov, Liebeck, Saxl editors, 99-121.

**SUBMITTED MANUSCRIPTS (1), available at xxx.lanl.gov**

"Sandpile groups of random bipartite graphs and families of distributions with the same moments", joint with Nathan Kaplan, Deepesh Singhal and S. Ole Warnaar, 30 pages.

**MANUSCRIPT NOT INTENDED FOR PUBLICATION (1), available at xxx.lanl.gov**

"Fixed points of non-uniform permutations and representation theory of the symmetric group" (2024) 16 pages.

**TEACHING EXPERIENCE**

USC:

(2026-27): Graduate combinatorics, Topics in combinatorics
(2025-26): Undergraduate probability, undergraduate combinatorics (2 sections)
(2024-25): Undergraduate probability (2 sections)
(2023-24): Undergraduate probability, undergraduate combinatorics (2 sections)
(2022-23): Graduate combinatorics, undergraduate probability (2 sections)
(2021-22): Undergraduate probability (3 sections)
(2020-21): Graduate linear algebra, undergraduate probability (2 sections)
(2019-20): Undergraduate probability (3 sections)
(2018-19): Undergraduate probability, graduate probability
(2017-18): Mathematics of physics and engineering, undergraduate probability, linear algebra and differential equations
(2016-17): Undergraduate probability, undergraduate combinatorics, linear algebra and differential equations

(2015-16): Graduate linear algebra, topics course on Markov chains, undergraduate probability
(2014-15): Graduate linear algebra, graduate combinatorics, undergraduate probability
(2013-14): Graduate linear algebra, business calculus, introductory statistics
(2012-13): Sabbatical (fall), graduate probability
(2011-12): Linear algebra and differential equations, graduate combinatorics, Sabbatical (spring)
(2010-11): Graduate linear algebra, applied algebra, graduate colloquium
(2009-10): Graduate combinatorics, probability for business, graduate colloquium
(2008-9): Sabbatical (fall), graduate colloquium (spring)
(2007-8): Multivariable calculus--2 sections, graduate colloquium
(2006-7): Graduate combinatorics, introductory statistics for non-mathematicians, graduate colloquium

University of Pittsburgh:

(2005-6) Introductory abstract algebra, discrete structures, Markov chain theory
(2004-5) Introduction to proofs, topics in abstract algebra, probabilistic combinatorics
(2003-4) Introductory abstract algebra (2 sections), course on symmetric group, directed study on representation theory (once for an undergraduate in summer, once for a graduate student in fall)
(2002-3) Year course in graduate linear algebra, multivariable calculus
(2001-2) Graduate combinatorics, linear algebra

Dartmouth:

(1998-9) Galois theory, undergraduate combinatorics
(1997-8) Introductory abstract algebra, undergraduate combinatorics, topics in applied probability, honors probability

**LECTURE SERIES**

(2009) Tutorial lecture series: "Stein's method and algebra" (4 talks), Singapore

**TALKS**

(2026) Speaker at USC Probability Seminar
(2025) Speaker at USC Combinatorics Seminar
(2024) Speaker at USC Algebra Seminar
(2023) Speaker at USC Combinatorics Seminar
(2020) Speaker for teachers at USC MESA (Math Engineering Science Achievement) Seminar
(2020) Speaker at Ohio State Combinatorics and Probability Seminar
(2020) Speaker at 2020 Southern California Discrete Math Symposium
(2019) Speaker at MIT Conference on Representation Theory, Probability, and Symmetric Functions

(2019) Speaker at joint Columbia/Courant Probability Symposium
(2019) Speaker at UCLA Combinatorics Seminar
(2018) Speaker at Stanford Probability Seminar
(2018) Speaker at 2018 Southern California Discrete Math Symposium
(2017) Speaker at University of Colorado Boulder Probability Seminar
(2017) Speaker at 2017 Southern California Discrete Math Symposium
(2017) Speaker at Caltech Combinatorics Seminar
(2016) Speaker at USC Combinatorics Seminar
(2015) Speaker at USC Algebra Seminar
(2015) Speaker at UC Irvine Number Theory Seminar
(2014) Member of USC Career Advice Panel
(2014) Speaker at Universite Paul Sabatier Probability Seminar
(2013) Speaker at UCLA Combinatorics Seminar
(2013) Speaker at AMS Session on Markov Chains, UC Riverside
(2013) Member of USC Career Advice Panel
(2013) Speaker at Permutation Groups Conference, Banff, CA
(2012) Speaker at USC Graduate Colloquium
(2012) Speaker at USC Probability Seminar
(2012) Speaker at AMS Session on Group Theory, Hawaii
(2012) Speaker at AMS Session on Combinatorics, Hawaii
(2010) Speaker at AMS Session on Mathematical Models of Random Phenomena, UCLA
(2010) Speaker at AMS Session on Combinatorics and Probability on Groups, UCLA
(2010) Speaker at Annual National AMS meeting in Session on Permutations, San Francisco
(2009) Speaker at UC Irvine Probability Seminar
(2009) Speaker at UCLA Combinatorics Seminar
(2009) Speaker at Stein's method conference, Singapore
(2008) Speaker at Southern California Probability Symposium, UCLA
(2008) Speaker at Southern California Algebra Conference, UCLA
(2008) Speaker at conference on Random Partitions, Growth Processes and Random Tilings, in Montreal, Canada
(2008) Speaker at Stanford Probability Seminar
(2008) Speaker at UC Berkeley Probability Seminar
(2008) Speaker at University of Texas Austin Seminar in Number Theory/Combinatorics
(2007) Speaker at 2007 Shuffles Conference in Memory of M. Schocker, in Nice, France
(2006) Speaker at University of Southern California Probability Seminar
(2006) Speaker at Carnegie Mellon Probability Seminar
(2005) Speaker at Oxford Conference on Probabilities in Finite Classical Groups
(2005) Speaker at University of Pittsburgh Algebra/Combinatorics Seminar
(2005) Colloquium, University of Southern California
(2005) Speaker at University of Michigan Combinatorics Seminar
(2004) Colloquium, University of Pittsburgh
(2004) Speaker at MIT Combinatorics Seminar
(2004) A principal speaker at 2004 conference on Geometric Group Theory, Random Walks, and Harmonic Analysis, in Cortona, Italy
(2002) Speaker at University of Pittsburgh Algebra/Combinatorics Seminar

(2002) Speaker at Courant Institute Conference on Random Matrix Theory and Combinatorics
(2002) Speaker at Carnegie Mellon Combinatorics Seminar
(2001) Speaker at Midwest Probability Colloquium
(2001) Colloquium, University of Pittsburgh
(2001) Colloquium, Michigan State
(2001) Colloquium, Wayne State
(2001) Colloquium, Texas A&M
(2001) Colloquium, University of Virginia
(2001) Colloquium, University of Illinois at Chicago
(2001) Colloquium, University of Kentucky
(2001) Speaker at University of Southern California Algebra Seminar
(2001) Speaker at Microsoft Research Seminar, Seattle
(2001) Speaker at University of Washington Combinatorics Seminar
(2001) Speaker at UC Berkeley Combinatorics Seminar
(2000) Colloquium, UC Davis
(2000) Speaker at Stanford Random Matrix Seminar
(1999) Speaker at Ohio State Conference on Computational Group Theory
(1999) Speaker at Northeastern Conference on Hyperplane Arrangements
(1999) Special Seminar, Northwestern University
(1999) Speaker at UC Berkeley Probability Seminar
(1998) Colloquium, University of Minnesota
(1998) Speaker at University of Minnesota Probability Seminar
(1998) Speaker at MIT Combinatorics Seminar
(1998) Speaker at 10$^{th}$ Formal Power Series and Algebraic Combinatorics Conference, Toronto
(1998) Speaker at Stein's Method Conference, Stanford University
(1998) Speaker at AMS Meeting on Q-series and Partitions, Penn State University
(1998) Speaker at Conference on Probability and Groups, Jerusalem

## DISCUSSION OF MY WORK IN THE MEDIA

(2023) “Expert Reveals the Fascinating Link Between Math and Card Shuffling”, in dornsife.usc.edu/news, April 21, 2023
(2023) “The Best and Worst Ways to Shuffle a Deck of Cards”, Interview on Utube, April 14, 2023
(2002) ``Coming up Trumps”, pages 42-44 in New Scientist, July 20, 2002