

Yuhan Jiang

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<https://math.berkeley.edu/~jyh/>**Employment**

2025–2028 University of California, Berkeley, Morrey Visiting Assistant Professor

Education2020–2025 **Harvard University**, Ph.D. in Mathematics

Advisor: Lauren K. Williams

2016–2020 **University of California, Berkeley**, B.A. in Mathematics

Highest Honor

Academic Honors

2019 AWM Alice Schafer Prize, Runner-up

Invited Talks

2024 Richard P. Stanley Seminar in Combinatorics, Harvard

2024 Integrable Probability Working Group, MIT

2024 Combinatorics Seminar, Brown University

2024 Combinatorics Seminar, Brandeis University

2025 Probability Seminar, Stony Brook University, New York

2025 Workshop on mixing times, Simons Center for Geometry and Physics

2025 Combinatorics Seminar, University of Vermont

2025 AMS Eastern Sectional Meeting, University of Connecticut

Posters

2024 FPSAC, Ruhr University

2024 IPAM Workshop on vertex models, UCLA

2024 FPSAC, Hokkaido University

Teaching

Fall 2025 Math 185: Complex Analysis
Spring 2025 Math 22b: Vector Calculus
Spring 2024 Math 21b: Linear Algebra
Spring 2023 Math 21b: Linear Algebra
Spring 2022 Math 21a: Multivariable Calculus

References

- [Def+25] C. Defant, Y. Jiang, R. Marczinzik, A. Segovia, D. E. Speyer, H. Thomas, and N. Williams. *Rowmotion and Echelonmotion*. 2025. arXiv: 2507.18230 [math.CO].
- [Jia25a] Y. Jiang. *A basis of the alternating diagonal coinvariants*. 2025. arXiv: 2508.12521 [math.CO].
- [Jia25b] Y. Jiang. *The Ehrhart h^* -polynomials of positroid polytopes*. 2025. arXiv: 2410.01743 [math.CO].
- [BJ24] E. Bullock and Y. Jiang. *The Ehrhart series of alcoved polytopes*. 2024. arXiv: 2412.02787 [math.CO].
- [Jia24] Y. Jiang. *The doubly asymmetric simple exclusion process, the colored Boolean process, and the restricted random growth model*. 2024. arXiv: 2312.09427 [math.CO].
- [JH21] Y. Jiang and W. Han. “Singularities and genus of the k-ellipse”. In: *Journal of Symbolic Computation* 104 (2021), pp. 343–355. ISSN: 0747-7171. DOI: <https://doi.org/10.1016/j.jsc.2020.06.009>.
- [JKW21] Y. Jiang, K. Kohn, and R. Winter. “Linear Spaces of Symmetric Matrices with Non-Maximal Maximum Likelihood Degree”. In: *Le Matematiche* 76.2 (2021), pp. 461–481.
- [JS21] Y. Jiang and B. Sturmfels. “Bad Projections of the PSD Cone”. In: *Collectanea Mathematica* 72.2 (2021), pp. 261–280. DOI: 10.1007/s13348-021-00319-4.