

EMPLOYMENT	Columbia Business School Postdoctoral Researcher in the Decision, Risk, and Operations Division	NY, USA 2024 - 2026
EDUCATION	Stanford University PhD in Management Science and Engineering Advisors: Peter Glynn and Jose Blanchet <i>Markov Chain Convergence Analysis: From Pen and Paper to Deep Learning</i> University of Science and Technology of China BSc in Mathematics and Applied Mathematics	CA, USA 2018 - 2024 Anhui, China 2014 - 2018
PUBLICATIONS	Y. Qu , J. Blanchet, and P. Glynn. Deep Learning for Computing Convergence Rates of Markov Chains. <i>Neural Information Processing Systems</i> (spotlight), 2024. P. Glynn. and Y. Qu . On a New Characterization of Harris Recurrence for Markov Chains and Processes. <i>Mathematics</i> , 2023.	
PREPRINTS	Y. Qu , T. Rokicki, and H. Yang. Rubik’s Cube Scrambling Requires at Least 26 Random Moves. <i>arXiv:2410.20630</i> , 2024. Y. Qu , R. Kant, Y. Chen, B. Kitts, S. Gultekin, A. Flores, and J. Blanchet. Double Distributionally Robust Bid Shading for First Price Auctions. <i>arXiv:2410.14864</i> , 2024. Y. Qu , J. Blanchet, and P. Glynn. Computable Bounds on Convergence of Markov Chains in Wasserstein Distance. <i>arXiv:2308.10341</i> , 2023. Y. Qu , J. Blanchet, and P. Glynn. Estimating the Convergence Rate to Equilibrium of a Markov Chain via Simulation. Y. Qu and P. Glynn. Bias of Markov Chain Sample Quantile. Y. Qu and P. Glynn. Uniform Edgeworth Expansions for Markov Chains.	
TEACHING	Teaching Assistant for the following MS&E courses at Stanford 324: Stochastic Methods in Engineering 2021, 2022, 2023, 2024 323: Stochastic Simulation 2020, 2024 321: Stochastic Systems 2023 221: Stochastic Modeling 2020 220: Probabilistic Analysis 2019, 2022 211: Introduction to Optimization 2021 125: Introduction to Applied Statistics 2020 260: Introduction to Operations Management 2020	
AWARDS AND HONORS	Centennial Teaching Assistant Award 2024 Applied Probability Society Best Student Paper Prize 2023 Applied Probability Society Conference Best Poster Award 2023 Dantzig-Lieberman Operations Research Fellowship 2021 Guo Moruo Scholarship 2017	