

EMPLOYMENT	<b>Columbia Business School</b> Postdoctoral Researcher in the Decision, Risk, and Operations Division	NY, USA 2024 - 2026
EDUCATION	<b>Stanford University</b> 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> <b>University of Science and Technology of China</b> BSc in Mathematics and Applied Mathematics	CA, USA 2018 - 2024 Anhui, China 2014 - 2018
PUBLICATIONS	<b>Y. Qu</b> , 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 <b>Y. Qu</b> . On a New Characterization of Harris Recurrence for Markov Chains and Processes. <i>Mathematics</i> , 2023.	
PREPRINTS	<b>Y. Qu</b> , J. Blanchet, and P. Glynn. Computable Bounds on Convergence of Markov Chains in Wasserstein Distance. <i>arXiv:2308.10341</i> , 2023.  <b>Y. Qu</b> , J. Blanchet, and P. Glynn. Estimating the Convergence Rate to Equilibrium of a Markov Chain via Simulation.  <b>Y. Qu</b> and P. Glynn. Bias of Markov Chain Sample Quantile.  <b>Y. Qu</b> and P. Glynn. Uniform Edgeworth Expansions for Markov Chains.  <b>Y. Qu</b> , 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.	
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	
ACADEMIC SERVICE	Reviewing Mathematics of Operations Research, European Journal of Operational Research	