

Adam Quinn Jaffe

CONTACT INFORMATION	451 Evans Hall Berkeley, CA 94720	aqjaffe@berkeley.edu
WEBSITE	https://www.stat.berkeley.edu/~aqjaffe/	
EDUCATION	UC Berkeley <ul style="list-style-type: none">◦ Ph.D. Candidate in Statistics◦ Advisor: Steven N. Evans Stanford University <ul style="list-style-type: none">◦ B.S. in Mathematics with Honors, June 2019◦ Advisor: Lenya Ryzhik	
GRANTS AND AWARDS	NSF Graduate Research Fellowship, 2019. Grant No. DGE 1752814 JMM/MAA Undergraduate Poster Session: Outstanding Topology Poster, for <i>Vietoris–Rips Complexes of Regular Polygons</i> . (January 2018)	
RESEARCH	<i>A Strong Duality Principle for Equivalence Couplings and Total Variation</i> . https://arxiv.org/abs/2207.14239 (submitted) <i>Strong Consistency for a Class of Adaptive Clustering Procedures</i> . https://arxiv.org/abs/2202.13423 (submitted) <i>Virtual Markov Chains as Models of Local Memory</i> https://arxiv.org/abs/2202.02638 (submitted) <i>Limit Theorems for Fréchet Mean Sets</i> . With Steven N. Evans. https://arxiv.org/abs/2012.12859 (submitted) <i>Virtual Markov Chains</i> . With Steven N. Evans. https://nzjmath.org/index.php/NZJMATH/article/view/147 . <i>New Zealand Journal of Mathematics</i> , 52, 511–559.	
TALKS	Seminar on Stochastic Processes, Lehigh University. <i>Virtual Markov Chains</i> . (March 2022) JMM/AMS Special Session on Topological Data Analysis. <i>Vietoris–Rips Complexes of Regular Polygons</i> . With Samir Chowdhury. (January 2018)	
ORGANIZATIONAL ACTIVITIES	UC Berkeley Student Probability Seminar, leading reading groups in: <ul style="list-style-type: none">◦ Topic TBD (Fall 2022)◦ Gaussian free field (Spring 2022)◦ Markov chain mixing times (Fall 2021)◦ Random matrix theory (Spring 2021) UC Berkeley Statistics Graduate Student Association (SGSA), serving as: <ul style="list-style-type: none">◦ Lead of the Fellowship Application committee◦ Delegate to the Graduate Assembly (GA)◦ Member of Diversity, Equity, and Inclusion committee	

REUS,
WORKSHOPS,
AND SHORT
COURSES

Online Open Probability School (OOPS) at PIMS-CRM (2020, 2021)

RIPS at IPAM, advised by The Aerospace Corporation (2018)

REU at ICERM, advised by Henry Adams (2017)

Ross Mathematics Program (2014)

TEACHING

Graduate Student Instructor

UC Berkeley Department of Statistics

- STAT 150: Stochastic Processes (Fall 2022)
- STAT 155: Game Theory (Spring 2021)

Mentor

UC Berkeley Directed Reading Program

- Applied Probability and Monte Carlo Methods (Fall 2019)

Grader

Stanford University Department of Mathematics

- MATH 171: Fundamental Concepts of Analysis (Spring 2018)

OTHER
INFORMATION

Languages: English (native), Spanish (advanced), German (basic)

Computer Languages: Python, MATLAB, \LaTeX