

Josh Rosenberg

University Of Pennsylvania
209 South 33rd Street
Philadelphia PA 19104
email: rjos@math.upenn.edu

Current position

Phd Candidate/Teaching Assistant, *University of Pennsylvania*

Research interests

Probability

Education

B.S. in Mathematics, *University of Massachusetts Boston (2012)*
Phd Candidate, *University of Pennsylvania (2012-present)*
Adviser: Robin Pemantle

Grants, honors & awards

Carlitz-Zippin Prize for best Ph.D. thesis (2017), *University of Pennsylvania*
Good Teaching Award (Fall 2016), *University of Pennsylvania*
Benjamin Franklin Fellowship (2012-present), *University of Pennsylvania*
Juan Carlos Merlo Prize (2012), *University of Massachusetts Boston*

Papers

J. Rosenberg (with M. Michelen and R. Pemantle), *Quenched survival of Bernoulli percolation on Galton-Watson trees*. Preprint. arXiv:1805.03693.
J. Rosenberg (with M. Michelen and R. Pemantle), *Invasion percolation on Galton-Watson trees*. Submitted. arXiv:1711.10672.
J. Rosenberg, *The nonhomogeneous frog model on \mathbf{Z}* . Submitted. arXiv:1707.07749.
J. Rosenberg, *Reccurence of the frog model on the 3,2-alternating tree*. Submitted. arXiv:1701.02813.
J. Rosenberg, *The frog model with drift on \mathbf{R}* . Electronic Communications in Probability. Vol. 22, No. 30 (2017). arXiv:1605.08414.

Talks

Georgia Tech Stochastics Seminar (April 2018)
Upenn Probability Seminar (April 2018)
CUNY Probability Seminar (February 2018)

Indiana University Probability and Related Fields Seminar (*January 2018*)
Northeast Probability Seminar (mini lecture) (*November 2017*)
NYU Probability and Mathematical Physics Seminar (*October 2017*)
Northeast Probability Seminar (mini lecture) (*November 2016*)
UPenn Probability Seminar (*April 2016*)

Teaching

Math 508, Analysis, *Fall 2017*
Math 508, Analysis, *Fall 2016*
Math 432, Game Theory (grader), *Spring 2016*
Math 546, Advanced Probability (grader), *Fall 2015*
Math 114, Multi-variable calculus, *Spring 2015*
Math 104, Single variable calculus, *Fall 2014*

Service

Assistant organizer of UPenn Putnam Preparation Seminar (*Fall 2016*)
Assistant Instructor at UPenn Summer Math Academy (*July 2016*)
UPenn Probability Seminar Coordinator (*2015-2016*)

Conferences attended

Northeast Probability Seminar at Columbia, *November 2017*
PIMS-CRM Summer School in Probability at UBC, *June 2017*
Northeast Probability Seminar at CUNY, *November 2016*
Frontier Probability Days at University of Utah, *May 2016*
Northeast Probability Seminar at NYU, *November 2015*