

Ivan Zachary Corwin (ic2354@columbia.edu)

Education	NYU, Ph.D. in Math (2007-2011), Harvard University, A.B. in Math (2002-2006)
Employment	Columbia University Professor (since 2017), Associate Professor with Tenure (2013-2017). Postdoc at MIT and Microsoft Research 2011-2014. Visiting Position at U.C. Berkeley (2021) and Pierre and Marie Curie University (2014). Associate Portfolio Manager, Ellington Capital Management 2006-2007.
Award Highlights	Simons Investigator in Mathematics (2023), Loève Prize (2021), Gerald L. Alexanderson Award (2017), Packard Fellowship (2014), Rollo Davidson Prize (2014), Poincaré Chair (2014) Young Scientist Prize of the International Union of Pure and Applied Physics (2012), Clay Research Fellowship (2012). Grant support (million \$) from NSF (3.5), Simons (1.1) , Packard (.9), and W.M. Keck (1).
Lecture Highlights	Distinguish lectures (~ 20) including ICM invite lecture, Mahler (Australia), Lipschitz (Germany), Chern-Simons (Berkeley). Lecture series and courses (~ 30) including recently Saint-Flour probability summer school, PIMS probability summer school, Les Houches school on the KPZ equation. Colloquia (~ 30), conference lectures (~ 100), seminar lectures (~ 100).
Lead Organizer	Semester programs at MSRI and KITP. Summer schools at Clay Math Institute, Park City Math Institute, MSRI, and in Corsica. Conferences (~ 20) including at MSRI, Clay Math Institute, Simons Center Stony Brook, Columbia, NYU, Institute Henri Poincare, Banff. Seminars (~ 10) including at Columbia, with NYU, CUNY and Princeton. Outreach: Sonia Kovalevsky Day and Graduate Research Opportunities Workshop (GROW).
Editorial	Annales IHP, Bulletins of AMS, Forum of Mathematics Sigma and PI, IMRN, Journal of Functional Analysis, Journal of Statistical Physics, Probability and Mathematical Physics, Probability Theory and Related Fields, Selecta Mathematica, SIGMA.
Advisor	Postdoc (female *, URM †): Guillaume Barraquand, Jeffrey Kuan, Hao Shen, Li-Cheng Tsai, *Alisa Knizel, Evgeni Dimitrov, Konstantin Matetski, Andrew Ahn, *Alessandra Occelli, Milind Hegde, *Jeanne Boursier, Evan Sorensen. Graduate student: *Xuan Wu, Promit Ghosal, Yier Lin, Mark Rychnovsky, Shalin Parekh, Sayan Das, *Weitao Zhu, *Hindy Drillick, *Zoe Himwich, Zongrui Yang, *Jiyue Zeng, †Victor Hugo de Souza Daniel, Jiahe Shen. Bridge to Ph.D. in STEM advisor: † Carlos Santiago-Calderon. Undergraduate student: Yujin Kim, Romain Panis, Matthew Lerner-Brecher, Christian Serio, *Cassandra Marcussen, *Shiyang Shen. High School intern: Sameer Pai, Simon Sun, Gregory Pylypovych, *Alicia Zhang, Nikhil Mudumbi, Jaiden Shin, Krish Ramkumar, Justin Zhang, *Michaela Cowen. Junior faculty: Daniel Lacker, Amol Aggarwal, Wenpin Tang.
Service	Columbia: Promotions and Tenure Committee (Arts and Sciences), Policy and Planning Committee (Arts and Sciences), Chair of Senior Hiring Committee (Math), Chair of DEI Committee (Math), Math Modeling Workshop and Summer REU (Math), Executive Committee (Data Science Institute). Professional: Scientific Advisory Board for SLMATH (formerly MSRI), ICERM and international congresses including in Mathematical Physics and in Probability, Chair of Centennial Fellowship Committee, Doebelin Prize Committee.