

SHORT CURRICULUM VITAE OF DAVID GALVIN, MARCH 26, 2023

Chair, Department of Mathematics, University of Notre Dame

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Full CV at <http://nd.edu/~dgalvin1/pdf/cv.pdf>

Research interests. Discrete probability, combinatorics and graph theory; in particular, extremal enumerative problems, set partitions, and applications of combinatorial & probabilistic ideas to phase transitions in statistical physics and long-range correlations in discrete random structures

Employment & education.

- Dept. of Mathematics, Notre Dame (2013 –; Chair since 2022, Professor since 2020, tenured 2013)
- Postdocs at UPenn (2005–07), IAS (2004–05) and Microsoft Research (2002–04)
- Visiting positions at UIUC (2011), Newton Institute (2008), MSRI (2005), U. Washington (2003)
- Ph.D. in Mathematics, Rutgers, 2002 (advisor: Jeff Kahn)
- B.A. & Part III in Mathematics, Peterhouse, Cambridge, 1995 & 1996

Research and grants.

- 39 papers in peer-reviewed journals/conferences, 4 submitted (*Selecta Math. (N.S.)*, *Israel J. Math.*, *J. Combin. Theory Ser. A*, *J. Combin. Theory Ser. B*, *J. Graph Theory*, *European J. Combin.*, *Random Structures Algorithms*, *SIAM J. Discrete Math.*, *Electron. J. Combin.*, *Combin. Probab. Comput.*, *Discrete Math.*, *Graphs Combin.*, *Australas. J. Combin.*, *DIMACS Ser. Discrete Math.*, *Electron. J. Probab.*, *Math. Log. Q.*, *J. Integer Seq.*, *Proc. APPROX/RANDOM*, *Proc. ACM–SIAM SODA*, *Proc. ACM–IEEE IPSN*; full list and links to PDFs at <http://nd.edu/~dgalvin1/research.html>)
- 34 collaborators, including 8 undergraduates
- Simons Collaboration grants (2021–26, 2015–20, 2012–13), NSA Young Investigators grants (2013–15, 2010–12), AIM SQuaRE, Conference & workshop grants from NSF (5 times) and IMA

Presentations.

- Plenary talks: Midwest Graph Th. Conference, Lake Michigan Workshop on Comb. and Graph Th.
- 10+ Colloquia (South Carolina, Georgia State, Nebraska, Loyola, Iowa State, UNC Greensboro, Western Michigan, IIT, Lehigh University, George Washington, Dartmouth & Notre Dame), 50+ conference presentations, 70+ seminars, 20+ outreach presentations

Teaching & mentoring.

- University teaching award (2017), College teaching award (2016)
- 16 distinct courses taught at Notre Dame, including service, major, honors and graduate (full list at <http://nd.edu/~dgalvin1/teaching.html>)
- 2 PhD students supervised, and 2 in progress; 29 undergraduate students mentored

Professional Service.

- 6 workshops organized, 9 AMS special sessions, one REU
- Member of guiding committee for Lake Michigan Workshop on Combinatorics and Graph Theory
- Editor, *Indian Journal of Discrete Mathematics*
- Refereeing, Math reviews, national & international grant review panelist
- Member of AMS and MAA

Department/College/University level service.

- University committees (including search committees for Dean of College of Science and for University Librarian, and University Committee on Libraries)
- Mentor for Building Bridges mentoring program
- Department chair (term began July 2022)
- Department committees (including Hiring, Undergraduate, Graduate, Graduate Admissions, Appointments & Promotions)
- Faculty, Postdoc and Graduate student classroom observations
- Undergraduate & first-year graduate student advising