

Peter Winkler

CURRICULUM VITÆ (7/15)

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research

combinatorics, probability, statistical physics, theory of computing

positions

Dartmouth College: William Morrill Professor, 6/11–

Albert Bradley Third Century Professor in the Sciences, 6/06–5/11

Professor of Mathematics 6/04– and Computer Science 6/06–

Mathematical Sciences Research Institute, Berkeley CA:

Clay Senior Fellow, 1/05-3/05; Simons Visiting Professor, 1/12–5/12

Institute for Advanced Study, Princeton NJ: Member, 9/03–5/04

Bell Laboratories: Director, Fundamental Mathematics Research, 9/94–6/04

Bellcore: Director, Mathematics and Theoretical Computer Sciences Research, 9/89–8/94

Emory University: Professor of Mathematics and Computer Science, 9/89–8/91;

Associate Prof., 9/83–8/89; Asst. Prof., 9/77–8/83; Chairman, 9/86–8/88

Technische Universität Darmstadt: Humboldt Research Fellow, 9/84–7/85

Stanford University: Assistant Professor of Mathematics, 9/75–8/77

U.S. Navy: Special Duty Officer (Cryptology), 5/69–8/71

Dept. of Defense (National Security Agency): Mathematician, 9/68–11/70

education

Yale U. 9/71–5/75: Ph.D. in mathematics; A. Robinson and A. Macintyre, advisors

Harvard U. 9/64–6/68: B.A. *summa cum laude* in mathematics

professional responsibilities

Editor, Springer book series, *Problems in Mathematics*

Editorial boards: *Random Structures & Algorithms*; *J. Graph Theory*; *Combinatorics, Probability and Computing*; *Electronic Journal of Combinatorics*; *Internet Mathematics*; *Integers*; DIMACS book series

Scientific advisory boards: Chair, DIMACS (Discrete Mathematics and Theoretical Computer Science, headquarters at Rutgers U.); Member, ICERM (Institute for Computational and Experimental Research in Mathematics, headquarters at Brown U.)

grants, awards, patents, publications

Sole PI: NSF, ONR, and NSA individual grants, 9/75–8/77, 7/83–10/92, 2/02–6/04, 7/06–6/09, 7/09–6/12, 7/12-6/16

Mathematical Association of America's Lester R. Ford Award, 1991; Robbins Prize, 2011

Patents granted (11) and pending (1) in cryptology, holography, gaming, distributed computing, optical networking and marine navigation

Aproximately 150 research papers, three books authored, three co-edited.