

## Peter Winkler

### CURRICULUM VITÆ (6/19)

Department of Mathematics  
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#### research

combinatorics, probability, statistical physics, theory of computing

#### positions

National Museum of Mathematics, Distinguished Visiting Chair  
of the Public Dissemination of Mathematics, 9/19-8/20

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

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. Naval Reserve: Special Duty Officer (Cryptology), active duty 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*

Advisory boards: Chair, Scientific Advisory Board, DIMACS (Discrete Mathematics and Theoretical Computer Science, headquarters at Rutgers U.); member, Scientific Advisory Board, National Museum of Mathematics

#### 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, 7/16-6/19

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

Approximately 160 research papers, three books authored, three co-edited.