

Wayne M. Raskind, Ph.D.

Wayne Raskind is the Director of the [Center for Communications Research](#) in Princeton, New Jersey, one of three research centers that make up the IDA Center for Communications and Computing. Before his directorship, he participated in two SCAMPs, the summer program hosted by IDA's research centers to attack tough mathematical problems.

Previously, Wayne was Professor of Mathematics, Dean of the College of Liberal Arts and Sciences, and Associate Provost for Special Programs at Wayne State University in Detroit, MI.

Wayne's research specialty is in arithmetical algebraic geometry, and he has done important work in the arithmetic theory of algebraic cycles, including torsion in Chow groups of algebraic varieties over fields of arithmetic interest and higher Abel-Jacobi mappings. He has also worked on higher dimensional class field theory, algebraic varieties over complete fields with totally degenerate reduction, and the discrete log problem for the multiplicative group and for elliptic curves over finite fields. Wayne has served as associate editor of *Bulletin de la Société Mathématique de France* and as chief area editor in cryptography and computer security of *Journal of Computer and System Sciences (JCSS)*.

Prior to Wayne State, Wayne served as Professor of Mathematics and Founding Director of the School of Mathematical and Statistical Sciences at Arizona State University, and as Professor of Mathematics, Chair of the Department of Mathematics, and Dean of Faculty of the College of Letters, Arts and Sciences at the University of Southern California. He also held faculty and postdoctoral positions at the University of Arizona, University of Tokyo, Harvard University, University of Cologne, Duke University, and the Mathematical Sciences Research Institute (MSRI).

Wayne received his doctorate in mathematics from the University of Cambridge in 1985.



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