

## **CURRICULUM VITAE (short version)**

### **ANDREW M. ODLYZKO**

#### **PERSONAL DATA**

Position: Professor, School of Mathematics  
University of Minnesota  
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(with complete list of publications, patents, etc.)

#### **RESEARCH INTERESTS**

Computational complexity, cryptography, number theory, combinatorics, coding theory, analysis, probability theory, electronic publishing, electronic commerce, economics of data networks, diffusion of technologies, financial bubbles, development of modern capitalism.

#### **MAIN PROFESSIONAL EXPERIENCE**

AT&T Bell Laboratories: Member of Technical Staff, 1975–1983. Department Head, 1983–1995.

AT&T Labs–Research: Department Head, 1996–2001.

Assistant Vice President for Research, University of Minnesota, 2001–2006.

Director, Digital Technology Center, University of Minnesota, 2001–2008.

Interim Director, Minnesota Supercomputing Institute, University of Minnesota, 2006–2008.

Professor, School of Mathematics, University of Minnesota, 2001–.

#### **SELECTED RECENT PROFESSIONAL HONORS**

Doctor of Science, honoris causa, Univ. Marne la Vallée, 2000.

Phi Beta Kappa Visiting Scholar, 2009–2010.

Fellow of the International Association for Cryptologic Research (IACR), 2012.

Fellow of the American Mathematical Society, 2012.

American Mathematical Society, Vice President, 2012–2015.

## **RESEARCH MANAGEMENT EXPERIENCE**

Bell Labs and AT&T Labs–Research: Projects in security, formal verification, parallel architectures, auction software, as well as computing and networking support.

University of Minnesota: As the Founding Director of the Digital Technology Center, recruited faculty, and helped build numerous programs in storage technologies, digital visualization, bioinformatics, network economics, and other areas.

## **SELECTED RECENT (POST–2000) SERVICE TO COMMUNITY**

Board of Trustees, Mathematical Sciences Research Institute, Berkeley, 1996–2001.  
Vice-chairman, 1997–2001.

Scientific Advisory Committee for CRM, Centre de Recherches Mathématiques, Univ. Montréal, 1997–2002.

Scientific Research Board, American Institute for Mathematics, 2000–2004.

Merrill Lynch TechBrains Board, 2001–2005.

GLOCOM Fellow, 2001–2015.

The *Economist* Innovation Awards selection committee, 2002–.

Signal Lake Advisory Board, 2004–.

Coburn Ventures Change Fellow, 2005–.

Board on Mathematical Sciences and Their Applications, National Academies, 2005–2008.

Scientific Research Board, Institute for Computational and Experimental Research in Mathematics, 2010–2013.

## **SELECTED RECENT (POST–2000) EDITORIAL POSITIONS**

Editorial Board, *J. Combinatorial Theory A*, 1987–.

Editorial Board, *Complex Systems*, 1987–.

Associate Editor, *J. Comp. Sys. Sci.*, 1988–2014.

Editorial Board, *Random Structures and Algorithms*, 1990–2007.

Editorial Board, *Finite Fields Appl.*, 1993–.

Editorial Board, *Electr. J. Combinatorics*, 1994–2013.

Editorial Board, *First Monday*, 2000–.

Editorial Board, *Internet Mathematics*, 2003–.

Associate Editor, *J. American Mathematical Society*, 2004–2010.

Editorial Advisory Board, *IEEE Spectrum*, 2008–2013.

Associate Editor, *ACM Ubiquity*, 2013–.

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

Academy of Accounting Historians

American Economic Association

American Mathematical Society

Association for Computing (ACM)

Economic History Association

IEEE

International Association for Cryptologic Research

Mathematical Association of America

Society for the Advancement of Socio-Economics

Society for Industrial and Applied Mathematics