

PETER SARNAK

CURRICULUM VITAE

BIRTHDATE: December 18, 1953

BIRTHPLACE: Johannesburg, South Africa

CITIZENSHIP: U.S.A./South Africa

EDUCATION

BSc. University of Witwatersrand, 1974

BSc. Honors - University of Witwatersrand, 1975

Ph.D. Stanford University, 1980 (Adviser Paul Cohen)

POSITIONS

2007- Professor, Institute for Advanced Study

2005-2007 Member, Institute for Advanced Study

2002- Eugene Higgins Professor of Mathematics,  
Princeton University

2001-2005 Courant Institute, NYU, Professor

1999-2002 Member: Institute for Advanced Study, Princeton

1996-1999 Chair, Princeton University, Department of Mathematics

1995-1996 H. Fine Professor, Princeton University

1991- Princeton University, Professor

1989 Sherman Fairchild Distinguished Scholar, California Institute of Technology

1987-88 Institute of Advanced Studies, Hebrew University, Fellow

1987-91 Stanford University, Professor

1983 Courant Institute of Mathematical Sciences, New York University,  
Associate Professor

1980-83 Courant Institute of Mathematical Sciences, New York University,  
Assistant Professor

AWARDS/HONORS

2014	Honorary Doctorate, Shandong University, China; Wolf Prize in Mathematics; Honorary degree, University of Witwatersrand, Johannesburg; Phi Beta Kappa award for excellence in undergraduate teaching, Princeton chapter.
2013	Elected foreign member Academia Europea
2012	Lester Ford Prize MAA
2010	Honorary Degree, Hebrew University, Jerusalem
2008	Elected to The American Philosophical Society
2005	Frank Nelson Cole Prize, AMS
2004	Aisenstadt Chair, CRM (Montreal); Rothchild Chair, Isaac Newton Institute (Cambridge).
2003	Levi L. Conant Prize (AMS) (joint with N. Katz).
2002	Elected Member of the National Academy of Sciences (U.S.A.), and Fellow of the Royal Society (U.K.).
2001	Ostrowski Prize from the Ostrowski Foundation, Basel, (shared with H. Iwaniec and R. Taylor)
1998	Polya Prize of Society of Industrial & Applied Mathematics, (shared with P. Deift and X. Zhou)
1991	Elected to American Academy of Arts & Sciences
1985-90	Presidential Young Investigator
1983-85	Sloan Fellow
1975	Unisco Chemical Company Gold Medal, (University of Witwatersrand)
1974	William Cullen Medal, (University of Witwatersrand)
1974	Hebert LeMay Prize, (University of Witwatersrand)

COMMITTEE WORK

- Trustee MSRI
- American Institute of Mathematics, Chair Scientific Advisory Panel, 2002-2014
- Fields Institute, Scientific Advisory Committee 2000/2003
- Scientific Advisory Committee I.H.E.S. (France), 1997-2003
- Scientific Advisory Committee  
MSRI (Mathematic Sciences Research Institute) - 1990-1996
- Trustee MSRI (Mathematic Sciences Research Institute) - 2006-2009

- Fields Medal Committee 2010.
- Chair, Shaw Prize in Mathematical Sciences Committee 2010-2014.
- Chair of Mathematics Section, National Academy of Sciences 2012-2014.
- NSF Advisory Committee - 1988-1992
- Visiting Oversight Committees
  1. Michigan University - Mathematics Department, 1993
  2. University of Toronto - Mathematics Department, 1994
  3. California Institute of Technology - Physics & Astronomy, 1995
  4. Landau Institute, Hebrew University, Jerusalem, 1996
  5. NSERC Committee Review of Mathematics, Canada 1996
  6. MIT, 2008-2010
  7. International Benchmarking of U.S. Research Fields Mathematics Panel, 1997 (for NRC).
  8. University of Maryland, Mathematics Department, 2001
  9. International Review of Mathematics in the U.K. Committee, 2004
  10. Columbia University, Mathematics Department, 2004
  11. University of Pennsylvania, Mathematics Department, 2005
  12. Head of the U.S. Delegation to the IMU General Assembly, Spain, 2006
  13. FIM (ETH Zurich), Advisory Board, 2004-
  14. Institute for Advanced Study, Hebrew University, Advisory Board.
  15. International Member of RAE 2008 Panel (UK)

#### EDITORIAL BOARDS

- Cambridge University Press
- Duke Mathematics Journal
- GAFA (Geometric & Functional Analysis)
- Compositio Mathematica
- Annals of Math 1996-2012
- Journal of Experimental Mathematics
- Forum Mathematics (term completed 2011)
- Communications in Mathematical Physics (term completed 2008).
- IMRN
- Colloquium Series, AMS

#### LECTURE SERIES

- 2014 Eisenbud Lectures in Mathematics and Physics, Brandeis; Distinguished Public Lecture, King College London; Public Lecture at the University of Witwatersrand, Johannesburg.
- 2013 Myhill Lectures, University of Buffalo
- 2012: A. Albert Lectures, University of Chicago  
Ramanujan Lectures, Tata Institute, Mumbai, India  
Langenhop Lecture, Carbondale, Ill.  
Phillips Lecture Series, Michigan State University
- 2011: Maxson Lectures Texas A and M  
Distinguished Lecture Series, Boston College  
Mahler Lecture Tour (Australia)
- 2010 A. Whitman Lectures, USC
- 2009 de-Rham Lecture, Lausanne, Switzerland
- 2009 RISM, Riemann Conference in Verbania Italy, Lectures on  $L$ -functions.
- 2008 Mark & Joanna Pinsky Distinguished Lecture Series, Northwestern, Ramanujan Colloquium Lecture, University of Florida, Gainesville, Howard Rowlee Lecture, University of Nebraska, Lincoln
- 2007 Pacific Institute of Mathematics, 10th Anniversary lecture, (Vancouver in September).
- 2006 Pekeris Lecture: Weizmann Institute, Wolff Lectures: Caltech, Distinguished Lecturer: UCLA, Rademacher Lectures: UPenn.
- 2005 Simons Lectures SUNY Stonybrook, ARF Lecture, Ankara Turkey
- 2005 Mordell Lecture Cambridge UK, Gustafsson Lectures, KTH Stockholm, Everett Pitcher Lectures Lehigh University, Coble Lectures, University of Illinois, Champaign
- 2004 Zassenhauss Lectures, Ohio State University, Niven Lectures, University of Oregon, Distinguished Israel Pollak Lecturer, Technion Haifa, The Earle Raymond Hedrick Lectures, MAA
- 2003 Andrejewski Lectures, Göttingen, AMS Colloquium Lectures, Baltimore, Fields Institute Distinguished Lectures Series
- 2002 Turan Memorial Lectures, Hungarian Academy, Budapest, R. Brauer Lectures, University of North Carolina
- 2001 Milliman Lectures, University of Washington, Marker Lectures, Penn State University
- 2000 Kiwet Lectures, University of Michigan, Ann Arbor, Sackler Lectures, Tel-Aviv University, Wolfgang Pauli Lectures, ETH, Zurich
- 1999 Dressler Lecture, Kansas State University

- 1998 Landau Lectures, Hebrew University, Jerusalem, Yamabe Lecture, University of Minnesota, Minneapolis
- 1996 Kemeny Lectures, Dartmouth, Bowen Lectures, University of California, Berkeley, Grosswald Lectures, Temple University, Gergen Memorial Lectures, Duke University
- 1995 Clifford Lectures, Tulane University, Courant Lectures, New York University
- 1993 Blyth Lectures, University of Toronto
- 1992 Schur Lectures, Tel Aviv University
- 1990 Porter Lectures, Rice University
- 1989 Whittmore Lectures, Yale University

SOME SPECIAL CONFERENCE LECTURES

- 1990 ICM 45-minute Lecture, Kyoto
- 1997 Int. Congr. of Math. Physics, Plenary Talk (Brisbane)
- 1998 ICM Plenary Lecture, Berlin
- 2000 African Congress of Mathematicians, Plenary Lecture, Cape Town, Africa
- 2007 Garden State Undergraduate Mathematics Conference, Keynote Address, Glassboro, New Jersey
- 2009 MAA Annual Meeting Plenary Lecture, Young Mathematicians Conference, Ohio-State University Plenary Lecture.
- 2010 Plenary Lectures at the Annual Meetings of the Canadian and Israel Math. Societies.
- 2011 Joint South African Mathematical Society, American Mathematical Society, Port Elizabeth, Plenary Lecture.

SUPERVISED PH.D.'S OF THE FOLLOWING PERSONS:

1. I. Efrat	2. G. Davidoff
3. W. Duke	4. V. Donnay
5. J. McLaughlin	6. S. Arno
7. J. Huntley	8. J. Pila
9. J. Jorgenson	10. H. Khuri
11. Y. Katznelson	12. Y. Pedritis
13. R. Lundelius	14. P. Chui
15. A. Eskin	16. D. Jakobson
17. A. Zaharescu	18. A. Karnaukh
19. S.D. Miller	20. M. Rubinstein

21. J. Vanderkam	22. K. Soundarajan
23. A. Gamburd	24. S. Paul
25. J. Vinson	26. E. Duenez
27. Z. Peng	28. T. Watson
29. A. Booker	30. H. Helfgott
31. G. Harcos	32. M. McKee
33. S.J. Miller	34. A. Venkatesh
35. F. Spinu	36. F. Brumley
37. L. Silberman	38. Y. Kerzhner
39. D. Milicevic	40. A. Kontorovich
41. A. Yang	42. S. Marshall
43. E. Fuchs	44. J. Tsimerman
45. A. Altug	46. J. Jung
47. Y. Park	