

# 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

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, 2002-2007
- 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
- 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

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

#### LECTURE SERIES

- 2012: 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 Zassenhaus 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 Whittemore 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