

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

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

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
- 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. International Benchmarking of U.S. Research Fields Mathematics Panel, 1997 (for NRC).
7. University of Maryland, Mathematics Department, 2001
8. International Review of Mathematics in the U.K. Committee, 2004
9. Columbia University, Mathematics Department, 2004
10. University of Pennsylvania, Mathematics Department, 2005
11. Head of the U.S. Delegation to the IMU General Assembly, Spain, 2006
12. FIM (ETH Zurich), Advisory Board, 2004-
13. Institute for Advanced Study, Hebrew University, Advisory Board.

#### EDITORIAL BOARDS

- Cambridge University Press
- Duke Mathematics Journal
- GAFA (Geometric & Functional Analysis)
- Compositio Mathematica
- Annals of Mathematics
- Journal of Experimental Mathematics
- Forum Mathematics
- Communications in Mathematical Physics
- IMRN
- Colloquium Series, AMS

#### LECTURE SERIES

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|------|--|
| 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 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

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

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|-------------------|-----------------|------------------|--------------------|
| 1. I. Efrat       | 2. G. Davidoff  | 19. S.D. Miller  | 20. M. Rubinstein  |
| 3. W. Duke        | 4. V. Donnay    | 21. J. Vanderkam | 22. K. Soundarajan |
| 5. J. McLaughlin  | 6. S. Arno      | 23. A. Gamburd   | 24. S. Paul        |
| 7. J. Huntley     | 8. J. Pila      | 25. J. Vinson    | 26. E. Duenez      |
| 9. J. Jorgenson   | 10. H. Khuri    | 27. Z. Peng      | 28. T. Watson      |
| 11. Y. Katznelson | 12. Y. Pedritis | 29. A. Booker    | 30. H. Helfgott    |
| 13. R. Lundelius  | 14. P. Chui     | 31. G. Harcos    | 32. M. McKee       |
| 15. A. Eskin      | 16. D. Jakobson | 33. S.J. Miller  | 34. A. Venkatesh   |
| 17. A. Zaharescu  | 18. A. Karnaukh | 35. F. Spinu     | 36. F. Brumley     |
|                   |                 | 37. L. Silberman | 38. D. Milicevic   |