

CURRICULUM VITAE

Royce K. P. Zia

PERSONAL DATA:

Birth Place: Hunan, China

Citizenship: U.S.A.

EDUCATION:

1964 A.B. in Mathematics, Princeton University, Princeton, NJ

1968 Ph.D. in Physics, Massachusetts Institute of Technology, Cambridge, MA

EMPLOYMENT:

Regular appointments:

- 1968-69 Research Scientist,
European Organization for Nuclear Research (CERN), Geneva, SWITZERLAND
- 1969-73 Research Fellow,
Department of Mathematical Physics, The University, Birmingham, ENGLAND
- 1972-73 Research Associate,
Rutherford High Energy Laboratories, Harwell, Oxfordshire, ENGLAND
- 1973-76 Research Fellow,
Physics Department, The University, Southampton, ENGLAND
- 1976-80 Assistant Professor, Virginia Tech, Blacksburg, VA
- 1980-83 Associate Professor, Virginia Tech, Blacksburg, VA
- 1983-2009 Professor, Virginia Tech, Blacksburg, VA
- 2004-06 Chair of Physics Department, Virginia Tech, Blacksburg, VA

Short term appointments (Sp = spring; S = summer; F = fall; W = winter):

- 1968 S Research Assistant, Education Research Center, MIT, Cambridge, MA
- 1976 S 1979 S 1980 S 1981 S and 1992 S
Visiting Scientist, Kernforschungsanlage, Jülich, GERMANY
- 1978 S Visiting Scientist, Brookhaven National Laboratory, Upton, Long Island, NY
- 1980 W Visiting Professor, Racah Institute of Physics, Hebrew University, Jerusalem, ISRAEL
- 1982-3 and 1984 S
Alexander von Humboldt Fellow, Ludwig-Maximilian Universität, Munich, GERMANY
- 1983 S Research Scholar, Institute of Theoretical Physics, Chinese Academy of Sciences, Beijing, CHINA
- 1987 S Visiting Scientist, Universities of Düsseldorf and Essen, GERMANY
- 1989 S Visiting Professor, Simon Fraser University, Burnaby, B.C., CANADA
- 1989 W Visiting Professor, Lorentz Institute, Rijksuniversiteit, Leiden, HOLLAND
- 1996 S Visiting Scientist, International Centre for Theoretical Physics, Trieste, ITALY
- 1996 W Visiting Professor, Institute of Physics, Academia Sinica, Taipei, TAIWAN
- 2000 July-Dec Scientist in Residence, University of Essen, GERMANY
- 2002 S 2004 Sp Alexander von Humboldt Research Awardee, University of Essen, GERMANY

OTHER PROFESSIONAL EXPERIENCE:

- 1970 Jan Visiting Scientist, CERN, Geneva, SWITZERLAND
1973 Feb Co-organizer, Informal Meeting on Links Between Weak and Electromagnetic Interactions,
Rutherford High Energy Laboratories, Harwell, ENGLAND
1974, 75 and 76 Apr
Visiting Scientist, CEN(Centre d'Etudes Nucleaires), Saclay, FRANCE
1978 Oct Visiting Scientist, Fermi National Laboratory, Batavia, IL
1982 Oct Visiting Scientist, The University, Edinburgh, Scotland, UK
1983 July Lecturer, Scottish Universities Summer School in Physics, Edinburgh, Scotland, UK
1986-2005 Editorial Board Member, Modern Physics Letters, World Scientific, SINGAPORE
1986-2005 Editorial Board Member, International Journal of Modern Physics.
World Scientific, SINGAPORE
1987-90 Editorial Board Member, Journal of Statistical Physics, Springer, GERMANY
1987, 89, 91, 95 and 96 Apr
Organizer and Co-organizer, Informal Workshops on Driven Diffusive Systems,
Virginia Polytechnic Institute and State University, Blacksburg, VA
1990-2004 Co-Director, Center for Stochastic Processes in Science and Engineering,
Virginia Polytechnic Institute and State University, Blacksburg, VA
1994 June Lecturer, NATO Advanced Studies Institute, Cambridge, ENGLAND
1995 July Fulbright Lecturer, Eötvös Graduate Summer School, Budapest, HUNGARY
1997 Aug Lecturer, International Summer School on Fundamental Problems in Statistical Mechanics,
Altenberg, GERMANY
1996 Oct Visiting Scientist, University of Toronto, Ontario, CANADA
1996 Oct Visiting Scientist, Brandeis University, Waltham, MA
1997 July Visiting Scientist, Universities of Düsseldorf and Essen, GERMANY
1998 July Visiting Scientist, University of Düsseldorf, GERMANY
1999 July Visiting Scientist, University of Göttingen, GERMANY
2000 July Lecturer, Eötvös Graduate Summer School, Budapest, HUNGARY
2002 Sept Lecturer, NATO Advanced Studies Institute, Albania, BULGARIA
2003-06 Editorial Board Member, Journal of Physics A: Mathematical and General,
Institute of Physics Publishing, ENGLAND
2009 July Lecturer, Summer School in Condensed Matter and Materials Physics, Boulder, CO

HONORS AND AWARDS:

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|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1960-64 | William Cane Scholar, Princeton University |
| 1964 | Cum Laude, Princeton University |
| 1964 | Phi Beta Kappa |
| 1964-65 | Woodrow Wilson Fellow |
| 1965-68 | National Science Foundation Pre-doctoral Fellow |
| 1968 | Sigma Xi |
| 1968-69 | NATO Postdoctoral Fellow |
| 1978 | Danforth Associateship |
| 1979, 81, 91 | Certificates of Teaching Excellence, Virginia Tech |
| 1981, 84 | Alexander von-Humboldt Fellow (Forschungsstipendium) |
| 1983 | Research Scholarship,
awarded by the Committee for Scholarly Communications with the
People's Republic of China, US National Academy of Sciences |
| 1995 | Fulbright Travel Award |
| 2001, 08 | Alexander von-Humboldt Research Award (Forschungspreis) |
| 2004 | Fellow, The Institute of Physics, UK |
| 2006 | Fellow, American Physical Society |