

FRANK KELLY: curriculum vitae

Full name: Francis Patrick Kelly

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Home address: 23 Lyndewode Road, Cambridge CB1 2HN, England

Born: 28 December 1950; London, England

Honours: Davidson Prize 1979
Guy Medal in Silver of the Royal Statistical Society 1989
Fellow of the Royal Society 1989
Lanchester Prize of INFORMS 1991
Naylor Prize of the London Mathematical Society 1997
Honorary Doctorate of Science, Heriot-Watt University 2001
IEEE Koji Kobayashi Computers and Communications Award 2005
Companionship of OR, Operational Research Society 2006
John von Neumann Theory Prize of INFORMS 2008
Sigmetrics Achievement Award 2009
Gold Medal of the Association of European Operational Research Societies 2009
Beale Medal of the Operational Research Society 2011
Honorary Doctorate, Eindhoven University of Technology 2011
Saul Gass Expository Writing Award Prize of INFORMS 2013
CBE for services to mathematical sciences 2013
IEEE Alexander Graham Bell Medal 2015
Honorary Doctorate, Imperial College, London 2015
David Crighton Medal of London Mathematical Society and Institute for Mathematics and its Applications 2015

Principal lectures: Clifford Paterson Lecture, Royal Society 1995
Blackett Memorial Lecture, Operational Research Society 1996
Naylor Lecture, London Mathematical Society 1997
Schlumberger Lecture, International Congress on Industrial and Applied Mathematics 1999
Larmor Lecture, Cambridge Philosophical Society 1999
Fulkerson Lectures, Cornell University 2002
Milner Lecture, Edinburgh 2003
Collingwood Lecture, Durham 2006
Hood Lecture, Auckland 2012
Crighton Lecture, London 2015

EDUCATION

1968–71 Van Mildert College, Durham University
B.Sc. (Hons), Class 1
Main subject: Mathematics; subsidiary subject: Economics
1969-1971: University scholarships awarded

1972–76 Emmanuel College, Cambridge

1973: Distinction, Part III of the Mathematical Tripos

Bachelor scholar, Emmanuel College

1975: Awarded Knight Prize for essay entitled 'Networks of queues'

1976: Ph.D. (supervisor Professor P. Whittle)
'The equilibrium behaviour of stochastic models of interaction and flow'

APPOINTMENTS

- 1971–73 Operational Research Analyst, Applied Management Sciences Division
Scientific Control Systems Limited (half-time 1972–3)
- 1976– *University of Cambridge*
- 1976–78: University Assistant Lecturer in Operational Research, Control and Management Systems Division, Engineering Dept.
- 1978–86: University Lecturer, Statistical Laboratory, Department of Pure Mathematics and Mathematical Statistics
- 1986–90: Reader in Mathematics of Systems, Statistical Laboratory
- 1990–2018: Professor of the Mathematics of Systems
- 1991–93: Director of the Statistical Laboratory
- 1976– : Christ's College
Research Fellow, later Teaching Fellow, Professorial Fellow.
Served variously as Director of Studies in Mathematics, Tutor, and member of Investments Committee and College Council
- 2006-16 : Master, Christ's College
- 2009: Chair, Advisory Committee on the Office of Vice-Chancellor, University of Cambridge
- 1986-87 Nuffield Foundation Science Research Fellow
- 1994-95 Leverhulme Trust Senior Research Fellow
- 2001-02 Visiting Professor, Graduate School of Business and (by courtesy) Department of Electrical Engineering and Computer Science, Stanford University
- 2003–06 Chief Scientific Adviser, Department for Transport (half-time appointment)
- 2010-13 Chair, Council for the Mathematical Sciences
- 2016- Chair, Royal Society Advisory Committee on Mathematics Education