

Curriculum Vita: Peter Jephson Cameron

1. Education

University of Queensland 1964–1967: B. Sc. (First Class Hons. Mathematics).
1968 Queensland Rhodes Scholar.
Oxford University 1968–1971: D. Phil.

2. Employment

1968: Tutor (Grade 4), University of Queensland.
1971–1974: Junior Research Fellow, Merton College, Oxford University.
1973: Visiting Assistant Professor, University of Michigan.
1974–1976: Lecturer, Bedford College, University of London.
1976–1986: Fellow and Tutor/Lecturer, Merton College, Oxford University.
1979: Visiting Lecturer, University of Sydney.
1984: Sherman Fairchild Distinguished Scholar, California Institute of Technology.
1986–1987: Reader, Queen Mary College, University of London.
1987–present: Professor of Mathematics, Queen Mary College (now Queen Mary, University of London).
2008: G. C. Steward Visiting Fellow, Gonville & Caius College, Cambridge.

3. Professional Activities

Ph.D. supervision 30 research students have obtained D.Phil/Ph.D. degree under my supervision; I have jointly supervised three students; five visiting students have obtained doctorates in other countries. Currently supervising six students.

Lecture courses and teaching I have given lecture courses on a variety of topics in algebra, analysis, logic, combinatorics, coding theory, computational group theory, probability, operational research, and cryptography. I designed undergraduate courses on *Complexity and Optimization in OR*, *Cryptography*, and *Introduction to Algebra*.

Awarded Drapers Prize for Teaching and Learning, Queen Mary, 2007.

Short postgraduate lecture courses given at Eindhoven, Rome, Budapest, Prague, Tehran and Barcelona.

Seminars and special lectures I have given talks at seminars and conferences, at universities and government or industrial research organizations in the U.K., Eire, Belgium, the Netherlands, France, Germany, Italy, Greece, Hungary, the Czech Republic, Slovenia, Russia, Tunisia, U.S.A., Canada, Jamaica, Iran, India, Japan, Australia and New Zealand. These include:

Section speaker, International Congress of Mathematicians, Kyoto 1990

Section speaker, European Congress of Mathematics, Barcelona 2000

Plenary speaker, Australian Mathematical Society meeting, Brisbane 2000

Plenary speaker, Canadian Mathematical Society meeting, Halifax, 2004

Plenary speaker, New Zealand Mathematics Colloquium, Dunedin, 2004

Speaker at EMS regional meetings in Prague 2004 and Barcelona 2005.

I was London Mathematical Society Popular Lecturer in summer 2001: this involved three talks (in Strathclyde, Leeds and London), a video was produced from the third talk.

In autumn 2007 I gave the second Kathleen Ollerenshaw Lecture at the University of Manchester.

I was the London Mathematical Society's 2008 Forder Lecturer: this involved a month-long lecture tour of New Zealand giving 13 lectures in six different centres, including a popular lecture to 150 people in Auckland, and an interview on Radio New Zealand.

Conference organisation and talks Joint organiser of a 6-month programme on "Combinatorics and Statistical Mechanics" at the Isaac Newton Institute, Cambridge, January–June 2006. Joint organiser of the 16th BCC at Queen Mary, 1997, and short course on "Design in Combinatorics and Statistics" at Queen Mary in 2002.

Organiser of special session on Combinatorics and principal speaker at the 1996 British Mathematical Colloquium. Co-organiser of special session on Combinatorics and Finite Geometry at the joint Belgian/London Mathematical Societies meeting, 1999.

Recent conferences organised include the British Combinatorial Conference, London 1997; "Combinatorics and Statistical Mechanics", London, 2005; "Algebra and Design of Experiments", London, 2007; "A celebration of Karl Gruenberg", London, 2008.

A conference for my 60th birthday took place in Ambleside in August 2007; speakers include Persi Diaconis, Eric Lander, Cheryl Praeger and Alan Sokal.

Editorial work On editorial board of *Discrete Math.*, *Europ. J. Combinatorics*, *Combinatorica*, *J. Algebraic Combinatorics*, *J. Combinatorial Design*, *Advances in Geometry*. Previously on editorial board of *Bull./J./Proc. London Math. Soc.*, *London Math. Soc. Student Texts*, *Springer Undergraduate Mathematics Series* and *J. Combinatorial Theory (A)*, and *Electronic Journal of Combinatorics*. Editor of *Queen Mary Maths Notes* series, 1990–present.

External administration SERC Mathematics Committee, 1989–1992.

Member of EPSRC Mathematics College, 1995–present.

Member of Pure Mathematics Panel for the 1996 and 2001 UK Research Assessment Exercises.

Contributor to the 2003 International Review of Mathematics in the United Kingdom (I gave a presentation to the review panel on Combinatorics).

Member of British Combinatorial Committee, 1977–1985 and 1991–present; acting chairman August 1992–July 1993, chairman July 1993–present.

Memberships and prizes Member of London Mathematical Society and European Mathematical Society.

Awarded London Mathematical Society’s Junior Whitehead Prize, 1979.

Awarded Euler Medal for lifetime achievement by the Institute for Combinatorics and its Applications, 2003.

4. Publications

Ten books authored or co-authored: three undergraduate texts (on algebra, combinatorics, and set theory), two graduate texts (on permutation groups and on codes and designs), three research monographs and three edited conference proceedings.

Over 250 papers in journals and refereed conference proceedings, with 120 co-authors. Further papers currently in press, with several more submitted.

Reviews written for the London Mathematical Society, the Dutch Mathematical Society, the Edinburgh Mathematical Society, reviewing/abstracting journals, and British Book News; popular magazine articles on computer algebra and computerised typesetting systems; and public-domain software. Television appearances discussing cryptography, bank charges, and palindromic dates. Half hour interview on the Kim Hill show, Radio New Zealand, in May 2008.

A complete list of academic publications and book reviews is attached.

5. Personal details

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Born 23 January 1947, Toowoomba, Q’ld., Australia.

Married, 3 children, 2 grandchildren.

Australian citizen.