

CURRICULUM VITAE

Professor Mike Steel

14 December, 2011

Tertiary Education:

1982 B.Sc.(Hons I), *University of Canterbury*
1983 M.Sc. (Distinction), *University of Canterbury*
1985 Dip. Journalism, *University of Canterbury*
1989 Ph.D., *Massey University*

Distinctions/Honours/Awards:

2010 Awarded James Cook Fellowship by the *Royal Society of New Zealand*.
2010 Marsden Fund grant (3 yrs).
2009 Appointed Deputy Director of the *Alan Wilson Centre for Molecular Ecology and Evolution* (a NZ-government funded Centre of Research Excellence).
2008 Appointed Associate Editor, *IEEE/ACM Transactions in Computational Biology and Bioinformatics*
2008 Awarded annual *Research Award* College of Engineering, University of Canterbury.
2004 Awarded Maclaurin Fellowship (NZIMA)
2003 Elected fellow of the *Royal Society of New Zealand*
2002 Founding PI of the *Allan Wilson Centre for Molecular Ecology and Evolution* and the *NZ Institute for Mathematics and its Applications*.
2001 Re-appointed for 3 years as a programme associate of the *Canadian Institute for Advanced Research* (Evolutionary Biology)
2000 Marsden Fund grant (3 years); also in 1997, 1995.
2000 Appointed as Associate Editor for *Systematic Biology*.
1999 NZ Mathematical Society's *Award for Mathematical Research*
1998 Visiting Fellow, Isaac Newton Institute, Cambridge University
1997 Alexander von-Humboldt-Stiftung research fellowship (resumption)
1994 Hamilton Memorial Prize (NZ Royal Society)
1993 Claude McCarthy Foundation award
1992 New Zealand Lotteries Commission research fellowship
1990-91 Alexander von-Humboldt-Stiftung research fellowship

Employment Record:

2002 Promoted to full Professor (University of Canterbury)
1999 Promoted to Associate Professor
1997-present Director of *Biomathematics Research Centre*
1996 Co-founder (together with Dr J. Sneyd) of *Biomathematics Research Centre*
1995 Promoted to Senior Lecturer
1994 Appointed Lecturer (University of Canterbury)

Other Information:

Associate Editor of *Bulletin of Mathematical Biology*. Editorial Board member of *Algorithms in Molecular Biology* and *Evolutionary Bioinformatics Online*.

In 2003 my first book *Phylogenetics* (Semple and Steel, Oxford University Press) was published and has become a standard reference for research in this field (citations to present >550).

In 1999, I was awarded the NZ Mathematical Society's Research Award with the citation: "*for his fundamental contributions to the mathematical understanding of phylogeny, demonstrating a capacity for hard creative work in combinatorics and statistics and an excellent understanding of the biological implications of his results*".

Panelist for the NZ Marsden Fund (2002, 2004, 2005) and PBRF panel in 2006 and for 2012.

Referee for numerous biology and mathematics journals.

Publications and research interests

Over 190 papers published in refereed international journals and book chapters. My 10 most-cited papers have each been cited more than 3000 times in total, and my h-index is currently 46. For further details refer to:

<http://scholar.google.co.nz/citations?user=7ezIRWQAAAAJ&hl=en>

Co-organiser of numerous international workshops and conferences.

Research Interests: Mathematical biology, particularly phylogenetics, molecular evolution, random models. Combinatorics, graph theory and probability theory.

Other interests: Mountain running, mountaineering, cycling, rock climbing.

Personal: New Zealand citizen (by birth, May 1960), married, with two daughters.

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