

CURRICULUM VITAE

MIKE STEEL

19 March 2019

Biomathematics Research Centre
University of Canterbury
Christchurch, New Zealand

Phone: +64-3-366 7001

Fax: +64-3-364 2587

Email: mike.steel@canterbury.ac.nz

<http://www.math.canterbury.ac.nz/~m.steel>

Current position

Director, Biomathematics Research Centre, University of Canterbury (1998-present).

Professor of Mathematics, University of Canterbury (since 2002).

Education

PhD in Mathematics Massey University (1989).

Dip. Journalism, University of Canterbury (1985).

MSc (Distinction) in Mathematics, University of Canterbury (1983).

B.Sc.(Hons I) in Mathematics, University of Canterbury (1982).

Honours, Awards and Distinctions

2018 Elected fellow of the *International Society for Computational Biology* (ISCB)

2017 Marsden Fund grant (2017-2019: NZ\$650,000)

2014 Promoted to Distinguished Professor

2014 Awarded University of Canterbury annual Research Award

2014 3-year NSF research grant (jointly with Michael Sanderson and Alexis Stamatidakis).

2012 Marsden Fund grant (also grants in 1994, 1997, 2000, 2003, 2006, 2009)

2010 Awarded James Cook Fellowship by the Royal Society of New Zealand

2009-2015 Deputy Director of the Allan Wilson Centre (a NZ- government funded Centre of Research Excellence)

2008 Awarded annual Research Award College of Engineering, University of Canterbury

2007 Isaac Newton Institute for Mathematical Sciences program co-organiser

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*.

2001 Re-appointed for three years as a programme associate of the Canadian Institute for Advanced Research (Evolutionary Biology)

2000 Appointed as Associate Editor for *Systematic Biology* (-2006).

Publication Record

Refereed Journal Articles: 260

Books (edited and co-authored): 3

Book chapters: 6

h-index (Google Scholar, 19/03/19): 63

Citations (Google Scholar, 19/03/19): >15,000

A full list of publications can be found at

http://www.math.canterbury.ac.nz/~m.steel/Non_UC/publications.html

Research Interests

Mathematical biology, particularly phylogenetics, molecular evolution, origin of life, speciation and extinction and biodiversity conservation. Applications of probability theory and discrete mathematics in biology, philosophy of science, and systems chemistry.

Other professional Service:

Associate editor *Journal of Mathematical Biology* (since 2019-present)

Associate editor *Bulletin of Mathematical Biology* (since 2012-present)

Elected to the council of the *Society for Systematic Biology* (2012-2015)

Editorial board member of *Algorithms in Molecular Biology*, and *Evolutionary Bioinformatics*

Co-organiser of numerous international workshops and conferences, including a 2017 meeting in BIRS institute in Banff, a 2014 conference on computational models in evolution at the *Simons Institute* (UC Berkeley) and a 4-month phylogenetics programme at the *Isaac Newton Institute* in Cambridge UK (Sept-Dec. 2007).

Keynote speaker at numerous meetings, including a phylogenetics summer school and conference in Barcelona (June-July 2017), and in Leipzig (August 2013), principal lecturer at the NSF-CBMS phylogenetics lecture series at Winthrop (USA) in July 2014, and at phylogenetic meetings in Singapore and Australia in 2015.

Panelist for the NZ Marsden Fund (2002, 2004, 2005) and PBRF panel (equivalent of RAE/NSF panel) in 2006. Panelist for Royal Society of NZ awards and new fellows.

Reviewer for ~15 papers each year.