

## SHORT CURRICULUM VITAE

Nicholas Ferris Britton

**Present post:** Professor of Mathematics, Department of Mathematical Sciences, University of Bath, Claverton Down, Bath BA2 7AY, UK; at the University of Bath since November 1980, promoted to Professor December 2004; Head of Department, August 2006 to July 2009.

**Previous posts:** temporary lectureships at University of Liverpool and at Corpus Christi College, University of Oxford.

**Date of birth:** 30 January, 1953.

**Qualifications:** MA (Oxon); DPhil (Oxon), supervisor J D Murray, 1978.

**Prize:** Senior Mathematical Prize, University of Oxford, for DPhil thesis, 1978.

**Centre for Mathematical Biology (CMB), University of Bath:** Co-founder (1994) and member of the steering committee; co-director from 1994 to 2006.

**Bath Institute for Complex Systems (BICS), University of Bath:** Co-Investigator and Theme Manager (Theme B, structure of biological populations), January 2005 to December 2009.

**Learned Societies:** Member, Society for Mathematical Biology, on the Board of Directors from July 2006 until July 2010; member, European Society for Mathematical and Theoretical Biology; member, London Mathematical Society; Fellow of the Institute of Mathematics and its Applications, UK (FIMA).

**Extended visits to other institutions:** University of Washington, Seattle, January to July 1995; Institute of Mathematics and its Applications, University of Minnesota, Minneapolis, September 1998; Isaac Newton Institute, University of Cambridge, October to December 2001.

**Recent and forthcoming invited conference presentations:** International Centre for the Mathematical Sciences, Edinburgh, February 2008; MPDE-08, University of Leicester, March 2008; NSF Mathematical Biosciences Institute, University of Ohio, June 2008; BIOMAT 2008, Campos do Jordão, Brazil, November 2008; Santa Fe Institute, New Mexico, January 2009; Theory of Biomathematics and its Applications V, Kyoto, Japan, January 2009; Centre de Recerca Matemàtica, Barcelona, February 2009; BIOMAT 2009, Brasilia, Brazil, August 2009; Complex System Dynamics, Warwick, February 2010; MPDE-10, University of Leicester, September 2010.

**Advanced course:** Complex Networks in Ecology and Epidemiology, IFT, UNESP, São Paulo, Brazil, June 2010.

### Publications

N.F. Britton, Reaction-Diffusion Equations and their Applications to Biology, ix + 277 pp, Academic Press, London, 1986.

N.F. Britton, Essential Mathematical Biology, xv + 355 pp, Springer, London, 2003 and Tsinghua University Press, Beijing, 2009.

More than 55 papers in refereed journals, on ecology and evolution, animal behaviour, pain, cancer and cell proliferation, kidney machines, carbon monoxide poisoning, and other areas of mathematical biology.

### Doctoral supervision and external examining

Eleven students supervised to completion; external examiner at Oxford (twice), Dundee, Sheffield, Leeds (twice), Bristol, Queensland UT, Sussex.