

## **Emeritus Professor Michael Pidd FAcSS: brief CV, June 2015**

### **QUALIFICATIONS**

BTech (Brunel, Production Technology, First Class), MSc (Birmingham, Operational Research), PhD (Lancaster, Management Science).

### **EMPLOYMENT RECORD**

The Management School, Lancaster University	2009 - 2012	Head of Department of Management Science
	2002 – 2006	Associate Dean (Research)
	1996 - 2014	Professor of Management Science
	1997 – 2000	Head of Department of Management Science
	1993 – 1995	Director of Graduate Studies
	1992 – 1996	Professor of Management Studies
	1989 – 1995	Director, Full-time MBA
Department of Operational Research, Lancaster University	1989 – 1992	Senior lecturer in Operational Research
	1979 – 1989	Lecturer in Operational Research
The Management Centre, University of Aston	1974 – 1979	Lecturer in Operational Research
Cadbury Schweppes PLC	1971 – 1974	Team Leader, Operational Research

### **VISITING APPOINTMENTS**

Visiting Professor: Department of Econometrics & Operations Research and School of Business Systems, Monash University, Australia, 1987, 1995, 2003.

Visiting Professor: Victoria School of Management, Wellington, New Zealand, 2003 & 2009.

### **PROFESSIONAL SOCIETIES**

- 2011 - Companion of Operational Research
- 2010 - Fellow, Academy of Social Sciences
- 2006 - Member, Academy of Management
- 1992 - Member (now Fellow), British Academy of Management
- 1981 - Member, INFORMS (previously, The Institute of Management Sciences)
- 1970 - Member, Operational Research Society

### **EXTERNAL ROLES**

2011-2014	Chair, Business & Management Studies sub-panel (C19), REF 2014
2010-	Member, ESRC Peer Review College
2005-2008	Chair, Business & Management Studies panel (I36), RAE 2008
2005-2009	Chair, Committee of Professors in Operational Research
2001-	Member, EPSRC Peer Review College
2000-2001	President of the Operational Research Society
2000-2001	Member, panel 43, RAE 2001

### **RESEARCH INTERESTS AND EXPERTISE**

Systems modelling in management science, operations management & public sector with a focus on computer simulation and public sector performance measurement.

### **PHD SUPERVISION**

14 PhD students successfully supervised, approx 40 PhD external examinations.

### **PUBLICATIONS**

10 books, 17 book chapters, approx 50 refereed journal papers, numerous refereed conference papers.

## **Recent publications include**

### **Books**

- (2012) *Measuring the performance of public services: principles and practice*. CUP, Cambridge, in press.
- (2009) *Tools for thinking: modelling in management science* (Third edition). John Wiley & Sons Ltd, Chichester, 292+x.
- (2004) *Computer simulation in management science*. (Fifth edition). John Wiley & Sons Ltd, Chichester. 311+xvi
- (2004) *Systems modelling: theory and practice*. (ed). John Wiley & Sons Ltd, Chichester. 223+xii.

### **Contributions to books**

- (2014) The ways forward: a personal view of system dynamics and discrete event simulation. In *Working together: DES and SD for management decision making*. Brailsford S.C., Churilov, L and Dangerfield B. John Wiley & Sons, Chichester.
- (2010) Making sure you tackle the right problem: linking hard and soft methods in simulation practice. In *Conceptual modelling for discrete event simulation*. Robinson S, R.J. Brooks, K Kotiadis and D-J van der Zee (eds), CRC Press, London
- (2008) A critical assessment of performance measurement for policy making. In *Managing to improve public services*. Hartley, J., Donaldson, C., Skelcher, C. and Wallace, M. (eds.), Cambridge University Press, Cambridge.

### **Refereed journal papers**

- (2012) Behavioural modelling of career progression in the European Commission. *Euro Jnl Opl Res.* 222, 632-641 DOI information: 10.1016/j.ejor.2012.05.027 (With S. Onggo, D. Soopramanien & D.J. Worthington)
- (2011) DGHPsim: generic simulation of hospital performance. *ACM Trans on Modeling & Comp Simulation*, 21, 4 (with M.M. Günal).
- (2011) Exploring the barriers to lean healthcare implementation. *Public Money & Management*, 31, 1, 59-68. (with L. Brandão de Souza)
- (2010) Why modelling and models matter. *Jnl Opl Res Soc*, 61, 1, 14-24.
- (2010) Simulation of career development in the European Commission. *Interfaces* 40, 184-195 (with S. Onggo, D. Soopramanien & D. Worthington)
- (2009) Understanding target-driven action in A&E performance using simulation. *Emergency Medicine Journal*, 26, 10,724-727 (with M.M. Günal).

## **RECENT RESEARCH GRANTS**

1999 - 2003	EPSRC	The Wisdom project: decision support for systems engineering (with Prof I. Sommerville)	£270,000
2001 - 2003	EPSRC	Interdisciplinary research network: complementarity in systems modelling	£36,000
2003 - 2006	EPSRC	High performance computer simulation of quasi-continuous manufacturing plant	£50,000
2003 - 2005	ESRC/AIM	Research fellowship: performance measurement in the public sector	Approx £108,000
2005 - 2008	EPSRC	Modelling for performance measurement and improvement to meet stochastic demand for public services: a study of acute hospitals	Approx £180,000
2007-2010	EPSRC	Biological metaphors and crisis: building self-healing, emergence and resilience into critical infrastructure (with UCL, Glasgow, Abertay and West of England)	Total approx £230,000 (Lancaster share approx £58,000)