

# Susannah Fleming

## Selected Recent Publications

- J. Howick, C. Friedemann, M. Tsakok, R. Watson, T. Tsakok, J. Thomas, R. Perera, S. Fleming, C. Heneghan. *Are treatments more effective than placebos? A systematic review and meta-analysis*. PLoS ONE 8(5):e62599, 2013
- S. Fleming, P. Gill, C. Jones, A. Van den Bruel, J. Taylor, C. Heneghan, M. Thompson. *Systematic review of the diagnostic accuracy of capillary refill time for serious illness in children*. . 2013 NAPCRG Annual Meeting, November 2013. (Selected as a NAPCRG PEARL for presentation at various clinical seminars)
- H. Ashdown, S. Fleming, E. Spencer, M. Thompson, R. Stevens. *Assessing accuracy of personal breathalysers and self-estimated alcohol consumption for driving decisions*. 2013 NAPCRG Annual Meeting, November 2013
- S. Wilson, D. Wong, D.A. Clifton, S. Fleming, R. Way, R. Pullinger, and L. Tarassenko. *Track and Trigger in an Emergency Department: an observational evaluation study*. Emergency Medicine Journal 30:186-191, 2013
- C. Orphanidou, S. Fleming, S.A. Shah and L. Tarassenko. *Data fusion for estimating respiratory rate from a single-channel ECG*. Biomedical Signal Processing & Control 8(1):98-105, January 2013
- S. Fleming, M. Thompson, and M. Lakhanpaul. *Improving measurement of vital signs in primary and emergency care*. NIHR School for Primary Care Research Showcase, October 2012.
- S.A. Shah, S. Fleming, M. Thompson, L. Tarassenko. *Respiratory rate estimation during initial assessment of children in hospitals*. MEDSIP 2012. 5th International Conference on Medical Signal and Information Processing, July 2012
- D. Nunan, S. Wassertheurer, D. Lasserson, B. Hametner, S. Fleming, A. Ward, C Heneghan. *Assessment of central haemodynamics and arterial stiffness from a brachial cuff – a community based feasibility study*. BMC Cardiovascular Disorders 12(1):48, 26 Jun 2012
- S. Fleming, M. Thompson, R. Stevens, C. Heneghan, A. Plüddemann, I. Maconochie, L. Tarassenko and D. Mant. *Normal ranges of heart rate and respiratory rate in children from birth to 18 years: a systematic review of observational studies*. The Lancet, 377(9770), pp1011–1018, March 2011

## Employment History

Research Fellow, Nuffield Department of Primary Care Health Sciences, University of Oxford	2013 – present
Demonstrator, Department of Engineering, University of Oxford	2007 – present
NIHR SPCR Research Fellow, Department of Primary Health Care, University of Oxford	2010 – 2013
Committee Member, IET Healthcare Technologies Network	2011 – 2013
Board Member, NHS HealthSpace project	2006 – 2011
Postdoctoral Research Assistant, University of Oxford	2009 – 2010
Graduate Research Student (DPhil), University of Oxford	2005 – 2010
IT Consultant, Oxford BioSignals	2007 – 2008
Board Member, NHS Care Record Development Board	2004 – 2006
Research & Development Engineer, BBC R&D	2002 – 2005
Board Member, NHS Public Advisory Board	2003 – 2004

## Professional Qualifications and Awards

DPhil in Biomedical Engineering, University of Oxford	2005 – 2010
MEng in Engineering Science, 1st class honours, University of Oxford	1998 – 2002
Member of the Institution of Engineering and Technology (formerly IEE)	2002
Associate of Higher Education Academy	2008
Royal Academy of Engineering Research Student Development Fellowship	2008
IET William James Award	2008
British Science Association “Perspectives” Competition Finalist	2009

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You can also get further information by visiting [my LinkedIn profile](#), or viewing [my full CV](#).