University of Birmingham

Dr Sharon Buckley MSc PhD PGCE Dip Sci Comm FHEA

Senior Lecturer in Medical Education

Medical Science and Education

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About

Sharon has a keen interest in Interprofessional Learning (IPL) and chairs the cross-College IPL steering group. Committed to evidence-based practice in education, she has published aspects of her work, including a Best Evidence Medical Education (BEME) systematic review of the evidence for the educational effects of portfolios in undergraduate student learning. She is currently undertaking a second BEME review on aspects of the effectiveness of patient safety curricula.

Sharon is also an Associate tutor for the University Centre for Learning and Academic Development (CLAD), contributing to the Postgraduate Certificate in Academic Practice, and undertaking project work.

In 2010, the higher Education Academy awarded Sharon a National Teaching Fellowship. Earlier awards include a Birmingham University Teaching Fellowship (2008) and the Head of School's Award for Excellence in Learning and Teaching (2007).

Qualifications

- Fellow of the higher Education Academy 2008
- MSc Information technology 2002
- Diploma in Science Communication 2000
- Postgraduate Certificate in Education 1983
- PhD Microbiology 1983
- BSc Microbiology 1978

Biography

Having completed her PhD on the bioenergetics of antibiotic uptake, Sharon began her career in education in the North of Scotland. Before joining the University in 2003, she held various posts in secondary and post-16 education, including Head of Science and Head of Sixth Form.

Teaching

Teaching Programmes

- MBChB (including Module Co-ordinator for year 5 Patient Information Leaflet and peer tutoring course for returning intercalators (ROCSI programme))
- Postgraduate Certificate in Academic Practice (including Facilitating Learning and action learning set facilitator)

Research

Current projects include:

2011 to date: Principal investigator - A Best Evidence Medical Education (BEME) systematic review of the educational effectiveness of undergraduate patient safety curricula.

2011 to date: Co-investigator - Development of an IP team observation tool

2010 to date: Principal investigator - A feasibility and pilot trial randomised controlled trial of a web-based intervention in undergraduate medical education

2009 to date: Principal investigator – development of IP simulations for students from five different health professions

Other activities

2012 to date: chapter author for '*Researching Learning and Teaching in Higher Education: disciplinary approaches to educational enquiry*'

2010-2011: Steering group member for TIGER, a JISC funded collaborative project between the Universities of Leicester and Northampton that is developing Open Educational resources for IPL

Ongoing: reviewer for various medical education journals

Publications

Buckley S, Coleman J, Khan KS (2010). Best evidence on the educational effects of undergraduate portfolios: a guide for clinical teachers. **The Clinical Teacher**7: 187-191

Buckley S, Coleman J, Davison I, Khan KS, Zamora J, Malick S, Morley D, Pollard D, Ashcroft T, Popovic C, Sayers J (2009). The educational effects of portfolios on undergraduate student learning: BEME Guide no 11. **Medical Teacher** 31: 282-298.

Skelton J, Buckley S (2008). What is the value of good medical education research? A reply to Bligh and Brice. **Medical Education** 42 1044-1045.

Buckley S, Zamora J (2007). Effects of participation in a cross year peer tutoring programme in clinical examination skills on volunteer tutors' skills and attitudes towards teachers and teaching. BioMed Central **Medical Education** 7: 20.

Selected conference contributions and reviews

Cleaver E, Buckley S. The impact of a postgraduate Certificate in Learning and Teaching on Academic Identities in a research-led University. Second Academic Identities Conference, University of Strathclyde, June 2010.

Hensman M, Buckley S, Thomas S, Holland A, Dudley R, Coleman J, Aldridge M, Valler-Jones T, Morley D, Reay C. Inter-professional learning in simulated practice settings. All Together Better Health V, Sydney, Australia. April 2010.

Buckley S. How does the use of portfolios affect student learning in undergraduate medical education. Presented at BEME 2 day Conference, University of Warwick, May 2009.

Buckley S. *Review of 'A handbook of teaching and learning in Higher Education', 3rd Edition, Fry and Ketteridge,* British Journal of educational Technology 40: 773-774.

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