

HSRUK Spring seminar: 15 May 2019

NEW TECHNOLOGIES IN HEALTH AND CARE: THE RESEARCH AND EVALUATION CHALLENGE

Organised in partnership with the NIHR Health Services Research Clinical Research Network and the Innovation Agency

Alliance Manchester Business School, Lecture Room G.003, Booth Street West, Manchester, M15 6PB

The rapid pace of developments in areas like big data and analytics, e-health and m-health, artificial intelligence and other new technologies presents both a huge opportunity and some important challenges for health services research and evaluation. How should these innovations be tested, piloted and evaluated? Are traditional models of research and evaluation fit for purpose? How are the benefits and risks of such innovations best assessed and by whom? What does all this mean for policy in areas like regulation, licensing, intellectual property and payment systems?

This one-day meeting will bring together some of the leading organisations working on new technologies and innovations with researchers and policymakers interested in evaluation. The aim is to promote a dialogue which could lead to better partnerships between researchers, innovators and research funders, and as a consequence, real improvements in patient care.

09.30	Meeting registration – tea and coffee available
10.00-10.10	Introduction and welcome to the day <i>Kieran Walshe, University of Manchester and HSR UK</i>
10.10-10.50	Opening plenary: the challenges and opportunities in researching new technologies in health and care <i>Trish Greenhalgh, University of Oxford</i>
10.50-11.20	Evaluating the impact of an online consultation system in primary care <i>Jeremy Horwood, University of Bristol/NIHR CLAHRC West</i>
11.20-11.50	TEA/COFFEE
11.50-12.20	Evaluating new technologies for better mental health <i>Jennifer Martin, NIHR MindTech MedTech Co-operative and The University of Nottingham</i>
12.20-12.50	NHS Test Beds programme evaluation: lessons and pitfalls <i>Karen Windle, NatCen Nicholas Woolley, Frontier Economics Limited</i>
12.50-13.30	LUNCH

13.30-14.00	Evaluating ehealth: emerging standards for the evaluation of apps and other digital health interventions <i>John Powell, University of Oxford</i>
14.00-14.30	Evaluating AI in radiology: EMRAD's test-bed on breast screening <i>Simon Harris, Nottingham University Hospitals/EMRAD</i> <i>Dr Niamh Lennox-Chhugani, Optimity Advisors</i>
14.30-15.00	What do patients think about new technologies in health and care? Findings from the Connected Health Cities programme <i>Sarah Knowles, University of Manchester</i>
15.00-15.30	TEA/COFFEE
15.30 – 16.30	Panel discussion: the research and evaluation agenda for new technologies in health and care <i>Chair: Pete Bower, University of Manchester and NIHR Health Services Research Clinical Research Network</i> <i>Ben Bridgewater, Health Innovation Manchester</i> <i>Mark Duman, MD Healthcare Consultants Ltd</i> <i>Melanie Knetsch, Economic and Social Research Council</i> <i>Julia Reynolds, the Innovation Agency</i> <i>Adam Steventon, the Health Foundation</i>
16.30	Networking and close