“We need to talk about complexity”
13-14 June 2017
Green Templeton College, University of Oxford

WORKSHOP PROGRAMME
DAY 1: Tuesday 13th June

13:00 Registration (Stables Bar)

13:30 Welcome, opening remarks and introductions (E P Abraham Lecture Theatre)

13:40 OPENING KEYNOTES

Learning from practice

Penny Hawe, University of Sydney, Australia

The costs and benefits of simplicity and complexity

Mark Petticrew, London School of Hygiene and Tropical Medicine, UK

SESSION 1: SYSTEMS APPROACHES TO PUBLIC HEALTH

14:30 Complex systems and public health evidence

Harry Rutter, London School of Hygiene and Tropical Medicine, UK

14:45 Talk about complex! Why a seemingly simple population intervention requires a system level evaluation: the case of the UK Soft Drinks Industry Levy

Martin White, University of Cambridge, UK

15:00 Has systems thinking been useful in identifying effective solutions to the problem of obesity?

Mike Rayner, University of Oxford, UK

15:15 So what’s missing in our approaches to complex public health challenges?

Diane Finegood, Simon Fraser University, Canada

15:30 Panel discussion with the audience, moderated by Trish Greenhalgh, University of Oxford, UK

15:50 Tea and coffee break (Stables Bar)

SESSION 2: IMPLEMENTING AND EVALUATING COMPLEX INTERVENTIONS – TIME TO REVISE LANGUAGE AND THEORY?

16:20 From wicked problems in a tricky world to complexity as an interventional style of thought

Simon Cohn, London School of Hygiene and Tropical Medicine, UK

16:40 The complexity of evaluating complexity: Lessons from real-world evaluations of complex healthcare programmes

Fay Sullivan, NatCen, UK

17:00 Complexity science meets implementation science

Jeffrey Braithwaite, Macquarie University, Australia

17:20 Translational Mobilization Theory: A new practice-based theory for understanding the complexity of coordination and collaboration in healthcare

Davina Allen, Cardiff University, UK

17:40 Discussion moderated by Sara Shaw, University of Oxford, UK

18:00 Poster viewing and pre-dinner drinks (Common Room)

19:30 Dinner at Green Templeton College
DAY 2: Wednesday 14th June

SESSION 3: SIMULATION, MODELLING AND DATA

09:00 Embracing complexity in dementia care: the DementiaNet innovation and evaluation
Marjolein van der Marck, Radboud University, The Netherlands

09:15 Economic modelling of type 2 diabetes prevention programmes: Methodological issues posed by analysing complex interventions in complex systems
Samantha Roberts, University of Oxford, UK

09:30 Enhancing loco-regional adaptive governance for integrated chronic care through agent based modelling (ABM)
Jean Macq, Université Catholique de Louvain, Belgium

09:45 Using flawed, uncertain, proximate and sparse (FUPS) data in child mental health: Why recognising complexity requires procedural simplicity and transparency
Miranda Wolpert, University College London and Anna Freud Centre, UK

10:00 Discussion moderated by Keith Ruddle, University of Oxford, UK

10:20 Tea and coffee break (Stables Bar)

SESSION 4: RELATIONAL APPROACHES, COMMUNICATION AND USER-CENTRED DESIGN

10:50 Researching complexity: complex methodologies for researching and intervening in complex systems
Katrina Wyatt, University of Exeter, UK

11:10 Rare deeds: How the relationality of complex social systems is made manifest
Robin Durie, University of Exeter, UK

11:30 Managing uncertainty in the design and implementation of complex health interventions: User-centered design versus experimental science
James Shaw, Women’s College Hospital, Canada

11:50 Complexities in health care: A social semiotic perspective on communication
Jeff Bezemer, University College London, UK

12:10 Discussion moderated by David Humphreys, University of Oxford, UK

CLOSING

12:30 Planning for special journal issue on complexity

12:50 Closing remarks
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<td>Robert A J Borst</td>
<td>The dynamics of healthcare innovation in context</td>
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<td>Karen Gray</td>
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<td>What does a systems-led approach bring to the evaluation of initiatives that attempt to intervene in the social determinants of health? Evidence from a study of a major community empowerment initiative in England</td>
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<td>Karen Osborn</td>
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<td>Synthesising evidence on causal pathways by which changes to the environment may act to promote physical activity</td>
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<td>Development of a complex theory for how local food availability interventions could improve diet and reduce obesity: a realist inspired approach</td>
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<td>Natalie Savona</td>
<td>Complexity as a smokescreen – discursive justification for a lack of action</td>
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<td>Andrew Ware</td>
<td>Traditional Quality Improvement methods are not sufficient by themselves in an Open system such as primary care; a Complex Adaptive System (CAS) where practitioners could embrace Behavioural Economics to encourage emergent positive health via Sensemaking.</td>
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