



# **“We need to talk about complexity”**

13-14 June 2017

Green Templeton College, University of Oxford

## **WORKSHOP PROGRAMME**



**GREEN TEMPLETON COLLEGE** | OXFORD



NUFFIELD DEPARTMENT OF  
**PRIMARY CARE**  
HEALTH SCIENCES

## **DAY 1: Tuesday 13<sup>th</sup> 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

## Poster presentations

Luke Allen	Using systems thinking to prevent obesity at the community level
Peter Barbrook-Johnson	Dealing with complexity when evaluating environmental policies
Robert A J Borst	The dynamics of healthcare innovation in context
Anna Dowrick	Complex, simple, or multiple? A case study of the implementation of the Identification and Referral to Improve Safety (IRIS) primary care domestic violence training and support programme
Karen Gray	How might an exploration of complexity help in the evaluation of arts-based activities for people with dementia?
Gemma Hughes	Where is complexity? Thinking about the settings of healthcare interventions as 'spaces' and 'places'
Sue Lukersmith	Negotiating theoretical and applied approaches to complexity in health systems
Heather McMullen /Megan Clinch	Experimenting with 'moments of equivocation': Considerations for the pragmatic clinical trial
Thomas Mills	Exploring the Economic Dimensions of Complexity: A Post positivist Evaluation of Diabetes Policy and Governance
Lois Orton	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
Karen Osborn	An Adaptive Model for Falls Prevention
Jenna Panter	Synthesising evidence on causal pathways by which changes to the environment may act to promote physical activity
Sophie Pask	What does complexity mean to patients and professionals?
Tarra L Penney	Development of a complex theory for how local food availability interventions could improve diet and reduce obesity: a realist inspired approach
Swapna Reddy	Breaking Through Silos: Leveraging Strengths of Academics, Policymakers and Communities to Reduce Health Inequities
Natalie Savona	Complexity as a smokescreen – discursive justification for a lack of action
Andrew Ware	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.