

Breaking the Cycle of Intergenerational Adversity

The Role of Public Health

Agenda

SESSION 1

Chair: Professor Gordon Harold
CPH co-director and Public Mental Health research theme lead

- 9:00 Arrival, registration and coffee
- 9:30 Welcome
CPH co-director Professor Carol Brayne & Mayor Dr Johnson
- 9:40 Keynote: Communicating public health evidence to the public: Informing or persuading?
Professor Sir David Spiegelhalter
- 10:20 Keynote: Addressing inequalities in child health: Lessons from the UK policy experiments in poverty and adversity
Professor David Taylor-Robinson
- 11:00 Panel discussion: The challenge of research translation: How can researchers do better?
Professor Gordon Harold, Professor Sir David Spiegelhalter, Professor David Taylor-Robinson and Mike Daly

SESSION 2

Chair: Dr Sebastian Walsh
CPH Early Career Researcher advisory group member

- 11:20 Break and networking opportunity
- 11:50 Assessing the causal effects of environmental tobacco smoke exposure: A meta-analytic Mendelian randomisation study
Benjamin Woolf, ECR competition winner
- 12:00 Addressing planetary health, the ultimate inter-generational injustice: What is the role of universities and the health sector?
Dr James Smith
- 12:15 Keynote: People, populations and genomes
Dr Pete Mills
- 12:55 Panel discussion: Personalised medicine: Where's the population? Where's the public?
Dr Pete Mills, Dr Alessia Costa and Dr Stephen John

SESSION 3

Chair: Dr Louise Lafortune
CPH Life-Course and Ageing research theme lead

- 13:20 Lunch
- 14:10 Keynote: Communities of care
Professor Sarah Harper
- 14:50 Fireside chat: Bringing intergenerational into practice and policy
Professor Carol Brayne, Jyoti Atri, Professor Sarah Harper and Dr John Ford
- 15:35 Presentation ECR poster competition winner's prize. Jyoti Atri
- 15:40 Close. CPH co-director Professor John Clarkson
- 15:45 Tea, scones and networking

Introduction

Welcome to Cambridge Public Health's Annual Showcase 2023! This event aims to shed light on the profound impact of intergenerational adversity and explore insights to break its cycle, drawing on the latest evidence across research areas and disciplines.

Intergenerational adversity refers to the cascading effect of challenges, such as mental ill health and poverty, passed down through families and communities with impacts on the wellbeing, opportunities, and outcomes of future generations.

To break these cycles, it's essential to adopt a public health approach that focuses on addressing the root causes and transmission mechanisms of intergenerational challenges, and identify effective interventions and policies that promote population health and wellbeing.

As researchers, we need to recognise that intergenerational adversity is not limited to any specific area of research, but rather applies to specialisms across the health and human sciences. Furthermore, we must strive to effectively communicate evidence-based solutions for disrupting negative cycles of intergenerational adversity to both policymakers and the public.

We are delighted to have four distinguished researchers delivering keynote addresses throughout the day. These experts bring a wealth of knowledge and a diverse range of perspectives for how we can move forward. Their talks will be interspersed with presentations and panel discussions featuring members of Cambridge Public Health and beyond.

Sessions

SESSION 1

Understanding how to improve public understanding of factors that influence cycles of intergenerational adversity

SESSION 2

People, population and genomes

SESSION 3

A life course perspective to understanding intergenerational adversity

SESSION 1

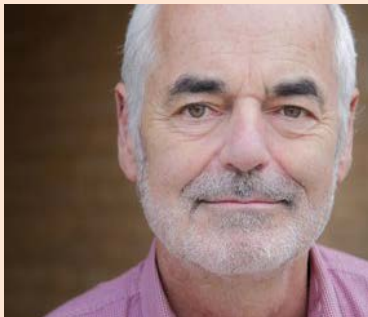
Understanding how to improve public understanding of factors that influence cycles of intergenerational adversity

This opening session will set the theme for the day. It will then focus on the challenges and opportunities of effectively communicating public health evidence to influence policy decisions and improve public understanding of research, ultimately breaking the negative cycles of intergenerational adversity.

We will hear insights from two renowned researchers. Professor Sir David Spiegelhalter will offer thought-provoking reflections and examples of communicating public health evidence to drive positive change. Professor David Taylor-Robinson will focus on addressing inequalities in child health, sharing lessons from the UK policy experiments in poverty and adversity.

The panel discussion that follows will explore some of the practical challenges inherent in communicating research to policymakers and other stakeholders, including the public, with contributions from our speakers and experts in the area of public health and government policy development, implementation and evaluation.

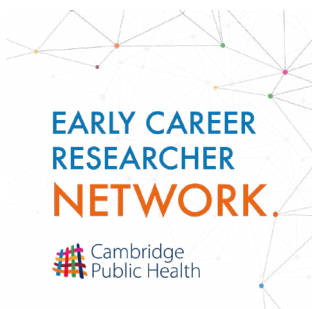
Keynote speakers



Professor Sir David Spiegelhalter
Emeritus Professor of Statistics
University of Cambridge



Professor David Taylor-Robinson
Institute of Population Health,
University of Liverpool



Early Career Researcher competition

Don't miss the opportunity to visit the poster competition and see how early career researchers in Cambridge are tackling public health challenges across academic disciplines. We are delighted to be showcasing work on a broad range of topics in the UK and worldwide including children and young people's mental health, maternal health, health inequalities, and much more. There will also be the opportunity to vote for your favourite posters — with a prize for the winner!

SESSION 2

People, population and genomes

Session two begins with an engaging and timely presentation from Benjamin Woolf, the winner of Cambridge Public Health's Early Career Researcher competition. The talks and panel discussion that follow all touch on ethical issues relevant to the topic of the showcase, including the roles of universities and the health sector in addressing planetary health – the ultimate inter-generational injustice.

In his keynote talk on People, Populations and Genomes, Dr Pete Mills will discuss the relationship between public health and the growing field of personalised healthcare. The panel discussion builds on this topic, looking at the role of innovation in shaping public health approaches to intergenerational adversity, and how we can better involve the public in conversations and ethical debates about the use of new health and medical technologies.

Keynote speaker



Dr Peter Mills
PHG Foundation

SESSION 3

A life course perspective to understanding intergenerational adversity

Session three will begin with a keynote presentation from Professor Sarah Harper, looking at the challenges and opportunities of extending healthy life expectancy for current and future generations and the societal implications this entails.

Building on our enhanced understanding of the drivers of intergenerational adversity – and their interdependencies – this talk, and those from previous sessions, will set the stage for a fireside chat on bringing intergenerational into practice and policy for the development of ecosystems that foster physical and mental wellbeing across the life course.

Keynote speaker



Professor Sarah Harper
Oxford Institute of Population Ageing, University of Oxford



Scan the QR code or click here to join Connect: Health Tech for more event information including speaker biographies.