

# Longitudinal Studies Review

## Review Panel Membership

The 2017 Review will be undertaken by a small, independent, international panel. The role of the Panel is to shape and conduct the Longitudinal Studies Review and its constituent elements, to assess the evidence gathered in the review, and to deliver a report with recommendations to ESRC.

### **Pamela Davis-Kean (Chair)**

Pamela Davis-Kean is a Professor of Psychology at the University of Michigan where her research focuses on the various pathways that the socio-economic status (SES) of parents relates to the cognitive/achievement outcomes of their children. She completed her PhD in Applied Social Psychology with an emphasis in Quantitative Methods at Vanderbilt University, Nashville USA, in 1996.

Pamela is also a Research Professor at the Institute for Social Research where she is the Program Director of the Population, Neurodevelopment, and Genetics (PNG) program. This collaboration examines the complex transactions of brain, biology and behaviour as children and families develop across time.

Pamela has over 20 years of experience working on longitudinal studies and helped design and implement the Child Development Supplement of the Panel Study of Income Dynamics. For a decade she was Director of the Centre for the Analysis of Pathways from Childhood to Adulthood, whose focus was the replication of developmental research across US and international longitudinal data sets. Pamela is currently on the Scientific Advisory Board for the Centre of Longitudinal Studies (CLS) in the UK.

### **Ray L Chambers**

Ray Chambers is Professorial Fellow at the National Institute for Applied Statistics Research Australia, University of Wollongong, Australia. He completed his First Class Honours in mathematical statistics at the University of Western Australia in 1972, his MSc in Statistics at the Australian National University in 1975 and his PhD in Biostatistics at the Johns Hopkins University, Baltimore USA, in 1982.

Ray is an elected member of the International Statistical Institute and a Fellow of the American Statistical Association. He has been a member of the Methodology Advisory Committee of the UK Office for National Statistics and currently has that role both at the Australian Bureau of Statistics and at the Istituto Nazionale di Statistica (Istat). He was President of the International Association of Survey Statisticians, 2011-2013, and International Representative on the Board of the American Statistical Association, 2010-2013.

Ray has served on the Editorial Board of the *Journal of Statistical Sampling and Methodology* and has been an Associate Editor for the *Journal of Official Statistics*, *Survey Methodology*, the *Journal of the Royal Statistical Society (Series A and B)* and the *Annals of Statistics*. He is currently co-Editor in Chief of the *International Statistical Review*.

His research is focused on model-based methodology for inference from surveys and on issues related to the analysis and modelling of data collected in complex surveys, particularly likelihood-based methods for the complex data structures that arise when sample survey data are analysed in conjunction with data from auxiliary sources including administrative registers.

## **Leslie Davidson**

Leslie Davidson is Professor of Epidemiology and Pediatrics at the Columbia University Medical Center in New York City. Professor Davidson's primary research interests include disability in children; international child and adolescent health, screening, and epidemiology; the epidemiology of accidents and violence, particularly intimate partner violence. She worked in an international team that developed an efficient approach to screen children for disability in low and middle income countries (The TQ) and, for five years, led the Central Harlem School Health Program, launching childhood injury surveillance in Northern Manhattan using administrative data sets which she and colleagues linked to the development and evaluation of the Harlem Hospital Injury Prevention Program. Between 2003 and 2012 she directed the dating violence program of the CDC funded Columbia Center for Youth Violence Prevention, becoming its Associate Director from 2010 to 2012.

Leslie moved to England in 1992 and held posts in the National Health Service, King's College, London, and the University of Oxford. She became involved with the early stages of planning the child health aspects of the Millennium Cohort Study (MCS). With Professor Catherine Peckham at the Institute for Child Health, she secured the funding to link birth registration information and the birth Hospital Episode Statistics to the interviews with the MCS mothers. She returned to Columbia's Mailman School of Public Health in 2002 as Chair of the Heilbrunn Department of Population and Family Health.

Leslie is currently a senior member of the Department of Epidemiology at Columbia and is the Director of Doctoral Programs in the Department of Epidemiology. She is principal investigator of a NIH funded longitudinal population-based cohort of children and their primary caregivers in KwaZulu-Natal, South Africa. This study is currently under NIH review to fund two further waves as the cohort children enter adolescence.

## **Corinna Kleinert**

Corinna Kleinert is Professor for sociology with special focus of longitudinal education research at the University of Bamberg, and department head at the Leibniz Institute for Educational Trajectories (LIfBi), where the National Educational Panel Survey (NEPS) is conducted. In her research she applies longitudinal survey and administrative data in studies on school-to-work transitions, the relationship of education and the labour market, and social and gender inequalities.

After receiving her doctoral degree (DPhil) in sociology in 2003, Corinna Kleinert worked until 2014 as senior researcher at the Institute for Employment Research (IAB) in Nuremberg. During her career she was involved in the development of several large-scale surveys, among them the DJI Youth Survey and the retrospective life-course study ALWA ('Working and Learning in a Changing World'). Before she joined the LIfBi, she directed the NEPS research group at the IAB, which is responsible for conducting the NEPS adult survey.

## **Qiang Ren**

Qiang Ren is Associate Professor in the Center of Social Research at Peking University. He is also Associate Director, Institute of Social Science Survey also at Peking University. He completed his PhD in Demography in a longitudinal and cross-sectional comparative analysis of Iodination of Irrigation Water in Hotian, Xinjiang, China at Peking University, China in 2001. As a demographer he specialises in research on fertility and mortality, population, environment and health. He focuses primarily on demography and quantitative methodology. He is currently working on the China Family Panel Studies (CFPS) as a co-PI.

## **Sandra Tang**

Sandra Tang is a research investigator at the Institute for Social Research at the University of Michigan, USA. She completed her PhD in Applied Developmental and Educational Psychology with a Quantitative Emphasis at Boston College.

Her research focuses on the role of the family in shaping children's developmental outcomes, especially for children who grow up in risky contexts. In particular, she uses longitudinal data to understand the extent to which cultural, socioeconomic, and environmental factors shape family socialisation processes, and in turn, the extent to which those processes relate to children's academic and health outcomes.

Currently, she is the principal investigator of a project linking commercial data to a longitudinal panel study. The purpose of this project is to build a Food Access Module that links geospatial information on food providers across the USA with the Panel Study of Income Dynamics (PSID). This data module will be archived and made accessible to researchers so that they may investigate an array of food access-related research questions at a population level.