

12<sup>th</sup> & 13<sup>th</sup> October 2017

University of Liverpool

The Foresight Centre,

1 Brownlow Street, L69 3GL

 UNIVERSITY OF  
LIVERPOOL **Register now!**

## Longitudinal Developmental Science from Birkenhead to Bangalore: sex differences and pathways from pregnancy to child and adolescent mental health problems

We would like to invite fellow researchers and clinicians to join together to discuss future directions and challenges for longitudinal developmental science. This event marks the 10<sup>th</sup> anniversary of the Wirral Child Health and Development Study (WCHADS) and it will be held jointly with our co-investigators from the Bangalore Child Health and Development study, funded by the Indian Council for Medical Research and the UK Medical Research Council. We are joined by eminent speakers from many leading longitudinal cohorts who will bring rich and varied perspectives on the origins and nature of sex differences in child mental health problems and on current and future challenges for longitudinal developmental science, both in western and low and middle-income (LMIC) settings.

**Conference Day 1** will focus on sex differences in child and adolescent psychopathology summarising the nature of the differences, and reviewing alternative explanations and evidence for them. We will report evidence from the WCHADS that mechanisms linking prenatal risks and psychopathology differ in males and females and discuss how these differences may shed light more broadly on sex differences, and on ways of refining phenotypes. Outside speakers will be invited to approach the topic from their areas of expertise and viewpoints. The day will end with a Round Table discussion of the findings presented and the implications for treatments and clinical services for children.

**Conference Day 2** will focus on longitudinal studies designed to identify perinatal and subsequent risks for child mental health. Speakers will describe their studies, with particular emphasis on key design features, methods, strategies for cohort engagement and new findings. We will hear about the challenges of conducting longitudinal work in both Western and LMIC settings and will discuss priorities for future global child mental health research. Our colleagues from NIMHANS will describe how they have established a pregnancy cohort in the urban slums of Bangalore, India, working closely with the Wirral team. We will also hear from colleagues in other LMIC settings. Finally, a round table discussion will encourage debate, audience participation and consider the future of longitudinal studies, the questions they need to address, and how they can be informed by studies that have gone before.

### TO REGISTER:

<http://payments.liv.ac.uk/conferences-and-events/events-at-liverpool/institute-of-psychology-health-and-society/longitudinal-developmental-science-from-birkenhead-to-bangalore>

### Confirmed Speakers so far:

**Prof Jonathan Hill**, University of Reading

**Dr Helen Sharp**, University of Liverpool

**Prof Andrew Pickles**, King's College London

**Prof Shoba Srinath**, NIMHANS, India

**Dr Geetha Desai**, NIMHANS, India

*Wirral Child Health and Development Study & Bangalore Child Health and Development Study*

**Prof Dale Hay**, Cardiff University - *Cardiff Child Development Study*

**Prof Barbara Maughan**, King's College London - *English and Romanian Adoptees Study & The Isle of Wight Study*

**Prof Henning Tiemeier**, University Medical Centre Rotterdam, Netherlands - *Generation R Study*

**Prof Louise Arseneault**, King's College London - *The Environmental Risk Longitudinal Twin Study*

**Dr Rosie McEachan**, Bradford Teaching Hospital NHS Foundation Trust - *Born in Bradford Study*

**Dr Kieran O'Donnell**, McGill University, Montreal, Canada.

*We envisage the two day event will be full of lively debate and will be stimulating for experienced researchers and clinicians in the field of perinatal and child mental health and for those embarking upon a course of post-graduate study*

**\*We are inviting poster submissions - please enquire**

Cost for event - £85 per delegate; £36 students (all rates cover both days and include lunch)

Cost of Conference dinner £45 on 12<sup>th</sup> October

For registration enquiries please email: [wchads@liv.ac.uk](mailto:wchads@liv.ac.uk) or call 0151 650 5490

