Trinity College School of Psychology Research Seminar Series 2018/2019

20th September 2018, Thursday, 1-2pm LBII Lloyd Building

Sarah-Schoppe Sullivan

Transition to Contemporary Parenting: A Family Systems Perspective

Sarah Schoppe-Sullivan received her B.A. in Psychology from Northwestern University, and her M.A. and Ph.D. in Developmental Psychology from the University of Illinois at Urbana-Champaign. Schoppe-Sullivan is an internationally recognized expert on coparenting, father-child relationships, and the transition to parenthood, and a Fellow of the National Council on Family Relations. Her research has been funded by the Eunice Kennedy Shriver National Institute of Child Health and Human Development and the National Science Foundation.

18th October 2018, Thursday, 1-2pm LBII Lloyd Building

Pernilla Ulfvengren

Psychology in systems design and management

Pernilla Ulfvengren is Docent in Industrial engineering with specialization of sociotechnical system. She works at KTH Royal Institute of Technology and the department of INDEK, at the school of Industrial engineering and management. Pernilla has a background in machine design and mechanical engineering but later did her PhD in cognitive engineering, designing warning systems in aircrafts. From this she continued research in another ergonomics domain of organizational design and management, mostly in technology intensive and safety critical systems. She is program director for a newly developed engineering education in Industrial technology and sustainability, which focus on production systems as socio-technical systems as well as sustainability.

15th November 2018, Thursday, 1-2pm LBII Lloyd Building

Susan Michie

The Human Behaviour-Change Project: Behavioural Science meets Computer Science

Susan Michie, FMedSci, FAcSS is Professor of Health Psychology and Director of the Centre for Behaviour Change at University College London. Professor Michie's research focuses on behaviour change in relation to health: how to understand it theoretically and apply theory to intervention development, evaluation and implementation. She has developed innovative

methods for characterising and reporting interventions and for synthesising evidence about the effectiveness of complex interventions, working across disciplines such as information science, environmental science, computer science and medicine. Her research covers population, organisational and individual level interventions, including digital interventions.

29th November 2018, Thursday, 1-2pm LBII Lloyd Building

Nathanial Daw

Decision making in health and disease: Habits and beyond

Nathaniel Daw is Professor in the Princeton Neuroscience Institute and the Department of Psychology, Princeton University. His research examines how people and animals learn from trial and error (and from rewards and punishments) to make decisions, combining computational, neural, and behavioral perspectives. His work focusses on understanding how subjects cope with computationally demanding decision situations, such as choice under uncertainty or in tasks (such as spatial navigation or games like chess) requiring many decisions to be made sequentially. Current projects include investigating how the brain controls its own decision-making computations -- in effect, making higher-level decisions about issues like how long to deliberate or when to simply act -- and how these processes might be implicated in issues of self control and in psychiatric disorders involving compulsion.

6th December 2018, Thursday, 1-2pm LBII Lloyd Building

Kevin Mitchell

Does neuroscience leave room for free will?

Kevin Mitchell is Associate Professor in Genetics and Neuroscience at Trinity College Dublin. His research interests are in understanding the genetic program specifying the wiring of the brain and its relevance to variation in human faculties, especially to psychiatric and neurological disease. The over-arching goal of his work is to help develop and promote a coherent conceptual framework in which to integrate findings from diverse fields, particularly genetics, developmental biology and neuroscience. This strategy is manifested in his cross-disciplinary experimental research and scholarship but also in his teaching, conference organising, blogging, editing and other writing.

24th January 2019, Thursday, 1-2pm LBII Lloyd Building

Jacqui Rodgers

Understanding Anxiety in Autism Spectrum Disorder – similarities, differences and uncertainties

Jacqui Rodgers is a senior lecturer at the Institute of Neuroscience, Newcastle University. She leads a programme of work which aims to advance the conceptualisation, assessment and treatment of mental health conditions in children and adults with neurodevelopmental disorders. She has a particular interest in anxiety in autism and with colleagues at Newcastle has developed the first ever anxiety questionnaire specifically designed for use with children with ASD, and is currently working on a version for adults. She is also involved in the development and evaluation of a range of anxiety intervention programmes for autistic children and adults. She is co-chair of both the anxiety and suicide special interest groups at the annual meeting of the International Society for Autism Research.

7h February 2019, Thursday, 1-2pm LBII Lloyd Building

Richard Hastings

Early developmental pathways for behavioural and emotional problems in children with intellectual disability

Richard Hastings is a Professor of Education and Psychology and the Cerebra Chair of Family Research in CEDAR at the University of Warwick, UK. His research focuses on topics on mental health and behaviour problems in children and adults with neurodevelopmental conditions, especially intellectual disability and/or autism. In particular, Richard and colleagues focus on social (especially family) and psychological factors in the development of mental health problems in these populations and the development and testing of intervention approaches for individuals and their families.

21st February 2019, Thursday, 1-2pm LBII Lloyd Building

Loraine Tyler

The temporal dynamics of conceptual processing: combining MEG, modelling and multivariate analyses

Lorraine K Tyler is Professor of Cognitive Neuroscience at the University of Cambridge. She heads the Centre for Speech, Language and the Brain [http://csl.psychol.cam.ac.uk/], an interdisciplinary research group which combines neuroimaging, neuropsychology, computational modeling and behavioural methods to reveal how the human brain is organised to support language, perception, and meaning. She also leads the Cambridge Centre for Ageing and Neuroscience (CamCan; http://www.cam-can.org/). CamCan is a

Cambridge-wide consortium, funded by the BBSRC, to develop a population-derived cohort aged 18-88years to study 'The Resilient Brain" - how our brains remain adaptive and flexible across multiple cognitive domains following stroke and normal aging.

7th March 2019, Thursday, 1-2pm LBII Lloyd Building

Marcus Munafo

Scientific Ecosystems and Research Reproducibility

Marcus Munafò is Professor of Biological Psychology at the University of Bristol, and Programme Lead within the MRC Integrative Epidemiology Unit. Together with Angela Attwood and Olivia Maynard, he leads the Tobacco and Alcohol Research Group. His research interests focus on causal influences on and consequences of health behaviours, using approaches that include epidemiology, human laboratory studies, and field trials. He is also interested in how current incentive structures within science shape the behaviour of scientists, and have an impact on the quality of published work.

21st March 2019, Thursday, 1-2pm LBII Lloyd Building

Patrick Haggard

What are voluntary actions?

Patrick Haggard is Professor of Cognitive Neuroscience at the Institute of Cognitive Neuroscience, University College London His research has two major themes. The first is the cognitive neuroscience of voluntary action. Experiments in this theme attempt to link the subjective experience of intending and performing manual actions to the brain processes that occur before and after actual movement. The second research theme is the representation of one's own body. How does the brain create and maintain a represention of one's own body as a physical object? How is this representation influenced by current sensory inputs, such as touch and pain? How do such body representations contribute to a sense of self? These questions are addressed both in perceptual experiments, and in measures of brain activity elicited when subjects refer to a cognitive representation of the body.

4th April 2019, Thursday, 1-2pm LBII Lloyd Building

Dorothy Crowie

The developing bodily self

Originally from Belfast, Dorothy completed her UG degree and PhD at Oxford, where she researched visuomotor development with Prof Oliver Braddick. As a Postdoc, she worked at UCL Institute of Neurology, on visuomotor control in Parkinson's Disease; and in Goldsmiths, UoL, on children's embodiment. Since 2013 she has been Assistant Professor at Durham

University Psychology Department. Her work examines how multisensory cues and prior knowledge enable children to establish a constant sense of bodily self in the face of continual childhood growth.

18th April 2019, Thursday, 1-2pm LBII Lloyd Building

Tim Dalgleish

Post-traumatic stress in children and adolescents: From theory to clinical intervention

Tim Dalgleish is a clinical psychologist. He works both as a research scientist at the University of Cambridge and as a practitioner in the NHS. His research focuses on understanding and developing psychological treatments for common mental health problems, such as depression, anxiety, and post-traumatic stress. He adopts a translational approach, seeking to utilise insights from basic cognitive neuroscience to enhance clinical interventions for these conditions. His work employs a range of scientific methods from brain imaging through to the use of large scale clinical trials.