

# Psychological Sciences Newsletter



**Birkbeck**  
UNIVERSITY OF LONDON

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## News

### National Student Survey result

Results of the latest NSS survey place our department 1st in London, in the top 25% nationwide, and second in the College. Find out more [here](#)

### Birkbeck Psychology Department in UK Top Ten

The latest Times Higher Education World Subject Rankings rank Birkbeck's Department of Psychological Sciences third in London and ninth in the UK. Find out more [here](#)

### Centre for Educational Neuroscience launches new website

The Centre for Educational Neuroscience seeks to translate insights into neural mechanisms of learning to education. It has also just launched a [new website](#) explaining how the brain works to a non-expert audience: It's not that complicated, after all!

You can find a video introducing the new website [here](#)

The centre also continues to develop resources for teachers and parents on its [website](#) to support the dialogue between educators and researchers. It has recently posted a series of interviews with head teachers and teachers exploring their views of educational

neuroscience and more generally, their experience with evidence-based teaching practice.



# Top Media Mentions

Our staff have been attracting high profile media attention

Both present and ex members of CBCD feature highly in the new BBC three-part series [Babies: Their Wonderful World](#). **Tim Smith** acted as the science consultant, **Emily Jones** features in all three episodes, **Tim Smith** features in the first episode, **Sarah Lloyd-Fox** features in the second episode, and several others pop-up throughout. The series wouldn't have won the BBC commission if it wasn't for **Leslie Tucker's** guidance to the production company for several years before production even started!



**Angelica Ronald's** research on psychotic-like experiences has contributed to a new [Radio 4](#) programme. Led by Prof Daniel Freeman (University of Oxford) the series explores cases of delusion and airs throughout December 2018. Angelica features in the final episode "The Future".

**Gillian Forrester's** 'Left-cradling bias' research was covered by more than 100 outlets including The Times, Daily Telegraph, The Sun and The i. The research showed a link between a lefthand cradling bias in children and higher cognitive sociability scores. These media mentions led Gillian to be invited to write an article for the magazine Early Years Educator and has more recently sparked interest from a science documentary production company.

**Teodora Gliga's** research into how babies' reactions to light can be an indicator of autism received widespread media coverage in publications such as the Daily Mail, The Mirror, Metro, Express and The i Paper, plus online outlets, amounting to more than 140 news stories.

# Picks from the Birkbeck Matters

## Babies' response to 'peek-a-boo' could hold autism clue

[New research](#) led by **Sarah Lloyd Fox** suggests that babies who show lower levels of brain activity to social stimuli, such as peek-a-boo and the sounds of yawning and laughter, are more likely to be diagnosed with autism spectrum disorder (ASD) as toddlers.

It is the first research to show that functional brain responses before 6 months of age are associated with a later ASD diagnosis at 3 years, meaning these findings could show the earliest marker of ASD to date.

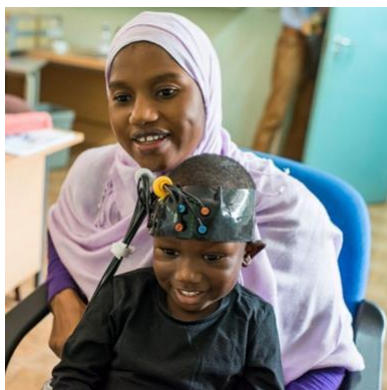
This story was picked up across several media outlets including [The Telegraph](#) and [The Daily Mail](#).



## The predictive power of the brain

A new study from the Department of Psychological Sciences looks at how 'predictions' about the outcomes of actions influence sensory processing in the brain.

New research from [Birkbeck's Action Laboratory](#), investigates what is actually happening in our brains when predicting the outcomes of our physical actions. Led by **Clare Press** and **Daniel Yon**, the study examined the brain activity of volunteers through MRI scanning while they performed finger movements and watched similar movements being performed by an avatar hand. Find out more [here](#).



## Shining a light on brain development

Professor Clare Elwell, part of the Brain Imaging for Global Health (BRIGHT) network, of which Birkbeck is a member, discusses bringing a new imaging technology to a remote Gambian village, and how it could help babies suffering from malnutrition to reach their full potential. Find out more [here](#).

# Other Media Mentions

A BBC reporter who visited the babylab gave insight into her experiences was picked up by a variety of international outlets including [BBC Azerbaijan](#), [BBC Turkey](#) and the Brazilian [Terra](#) and [Medplan](#).

**Belinda Brooks-Gordon** wrote the article *Banning sex work advertising online will put sex workers in danger* for the [Independent](#) and journalist Cosmo Landesman used Belinda's book *The Price of Sex* to highlight that consumers would prefer to know that people appearing in porn films, engaged in live sex acts or hired through an escort agency are there by consent, earn decent money and have access to health and welfare services in the article *Are you a politically correct pervert?* for [The Spectator](#).

**Mark Johnson** was asked to give expert opinion on the case study *When surgeons removed one sixth of a child's brain, here's what happened* which was picked up in the major news outlet [CNN](#).

**Emily Jones'** research on imitation was the subject of a four-page feature in the August 2018 edition of French magazine 'Sciences-Psy', and her EDEN project was recently featured in a three page spread in Pioneer magazine.

**Emma Meaburn** was interviewed for the [TILE blog](#). TILE is a network for scientists working in education to engage with the public, teachers and policy makers to help inform evidence-based teaching.

**Ted Melhuish** was interviewed by BBC1's Sunday Politics about the Sure Start initiative as a result of his leading role in NESS (National Evaluation of Sure Start).

**Tim Smith's** research on toddlers losing sleep due to use of tablets featured in [The Daily Telegraph](#) and his work highlighted on the CBS [TODAY show](#).

# Forthcoming Training

On 16th January 2019 the Engagement team are running a *Presenting to Public Audiences* workshop. It's designed for PhDs, ECRs, and all those keen to develop skills and. For more information and to book tickets see [here](#).

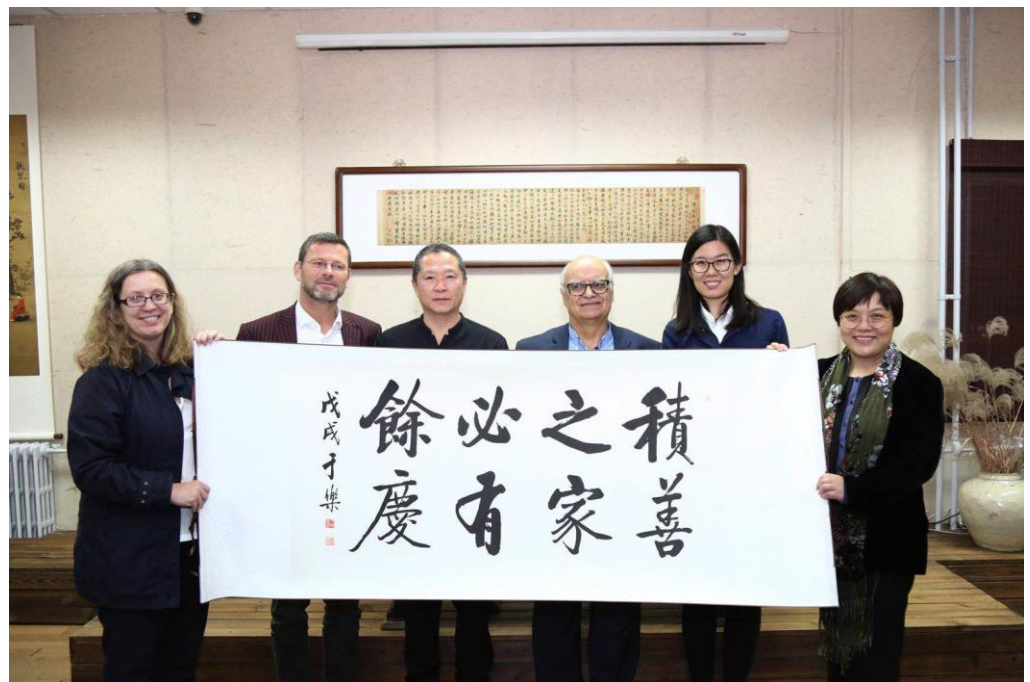
# Public Engagement and Talks

## Beauty in the Brain

As part of the [Birkbeck One World Festival 2018](#), **Emily Jones** presented the talk *Beauty in the Brain*. An estimated 200 million children in low- and middle-income countries fail to reach their full development potential. In India alone an estimated 65 million children experience early adversity, creating a vicious cycle of inter-generational poverty and social disadvantage. Breaking this cycle requires us to understand the developing brain systems that shape mental health outcomes. The Centre for Brain and Cognitive Development at Birkbeck is a world-leading Centre for the study of the infant brain. We are partnering with researchers in low and middle income countries like India to work together to develop new ways to study the early brain systems that are affected by poverty and disadvantage. Our long term goal is to find better ways to develop and test the effects of early interventions that could improve long term life outcomes. In this talk I will showcase the methods we use to study early brain development, explain what we are learning about the early indicators of developmental conditions like autism and ADHD, and show how we are working in partnership to share our tools with researchers across the world.

## Asia urged to invest in early childhood education to increase economic development

**Ted Melhuish** was invited by the Department of Education to be the UK academic representative on a joint UK-China government meeting to explore cooperation in the area of Early Education. He has advised a number of countries on their early childhood policies. He is also an adviser on childhood development issues to the OECD, European Commission, UNICEF and WHO.



A large and growing body of research shows that

quality early childhood education delivers a wide range of benefits, not just to the children involved but to society overall. These include improved child well-being and learning, reduced poverty, increased social mobility, greater female workforce participation and increased social and economic development.

“The evidence from around the world is that when you invest in good quality early education you see improved outcomes for children in their behavioural outcomes and in their early learning and capacity to adapt to school very quickly,” Professor Melhuish said.



“That impact at the start of school then has consequences for their later developmental trajectories. Those children with good preschool education for longer duration start on a high trajectory and maintain that trajectory through to the end of school, and finish with higher levels of qualifications. They subsequently get better jobs and show better social adjustment. Thus, the skills base of the whole population is raised, and the economic potential of the country is improved. Those children are less likely to get involved in crime, to use drugs, to have an early pregnancy, or to get involved in risky behaviours that lead to bad health.

They are less likely to be dependent on welfare and unemployment benefits, and more likely to be employed, paying taxes and improving government finances.”

**Ted Melhuish** has also advised a number of countries on their early childhood policies, most recently Sri Lanka. It was in his capacity as a UNICEF Ambassador that he made a presentation to *Building Brains, Building Futures: The Sri Lanka Early Childhood Development High-Level Meeting* in July this year. Key government officials and advisors, including the education minister and the finance minister, were at the meeting.

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Sri Lanka subsequently boosted funding for early childhood education. He argues that Australian governments should follow the Sri Lankan government’s lead, and welcomed the Australian Labor Party’s commitment to increase Federal funding for early childhood education.

## Other presentations and talks

**Belinda Brooks-Gordon** was invited to give a presentation and take part in a policy roundtable to the Irish Sex Work Research Network at Trinity College, Dublin on 16<sup>th</sup> November 2018.

**Ana da Cunha Lewin** provided a talk to parents at Enfield Town Schools Partnership in October 2018, a talk and taster session to student Early Years Educator course on 27<sup>th</sup> November 2018 at Westminster Kingsway College and a talk and taster session to Year 12 and 13 students at Burntwood School on 4<sup>th</sup> December 2018.

**Naz Derakshan** ran a one hour 'meet the expert' session with MSc and PhD students at the University of Ghent, where she engaged in contemporary discussions on her research with the audience. She also gave the invited talk *Pathways to resilience in breast cancer* at the bi-annual national Odyssey Cancer

Survivorship conference at St Johns College, Oxford in September 2018 and gave a talk at the International Society for Psychophysiological Research (SPR) in Quebec City, Canada in October 2018.

**Gillian Forrester** gave the Science Guest Lecture *Becoming human – the evolution of cognition* at the [The City Literary Institute](#) on 16<sup>th</sup> November 2018.

**Ulrike Hahn** gave the workshop *Bayesian Pragmatics - Is there such a thing as Bayesian pragmatics?* at UCL, London in September 2018, contributed *Testimony and Social Networks* to the Minds, Machines and Society event at Wisconsin Institute for Discovery in July 2018, and was an invited symposium speaker at the 40<sup>th</sup> Annual Meeting of the Cognitive Science Society in Madison, Wisconsin in July 2018.

**Matt Longo** took part in a discussion addressing *What does art do to (and with) our bodies?* at The 'Scratch', part of the [Experimenting in the Galleries: Performing with Vernon Lee](#) on 2<sup>nd</sup> Nov 2018.

**Emma Meaburn** was an invited speaker for the [UCL Rosalind Franklin STEM ambassadors](#) workshop in September. This workshop was designed to encourage and support under represented groups in STEM, and as part of this she is providing ongoing mentorship for a 16 year old (support and advice for university applications, subject choices, etc). She also organised and led a genetics activity for year 6 primary school children as part of STEM week (Julian's Primary School, Streatham). Here she read and discussed the book 'all about me', made DNA models with pipecleaners, guessed how related we are to other organisms, and extracted our DNA from spit!

**Mike Oaksford** gave the talk *We Rarely Reason Alone: Social Rationality and the Psychology of Reasoning* at the 11th London Reasoning Workshop, held at Birkbeck, 24<sup>th</sup>- 26<sup>th</sup> July 2018.

**Clare Press** gave given external seminars at University of Birmingham (November, 'How do actions influence perception?') and at the Wellcome Centre for Human Neuroimaging, UCL (October, 'The influence of action predictions on perception and perceptual processing').

**Alex Shepherd** convened the Applied Vision Association Xmas meeting at Birkbeck on 17<sup>th</sup> December 2018. Find out more [here](#).

**Ted Melhuish** produced a [video](#) for StoryPark on a child's ability to self-regulate. Described as one of the most important predictors of their later success, throughout school, and throughout life Ted helped produce the video to help develop this important skill in young children. In addition, on November 13<sup>th</sup> the Secretary of State for Education in the UK announced a major new initiative on the [Home Learning environment](#) largely based Ted's work to try to improve outcomes for children. His work has also influenced the government of Ontario, Canada, who announced a [new policy](#) of free universal early education for all children from 3-years-old..

**Daniel Yon** gave a talk at Open Self, Technische Universität Berlin, Germany (September, 'Action sharpens sensory representations of expected outcomes'), in a symposium on Prediction-by-production in language and action at 1<sup>st</sup> International Workshop on Predictive Processing at BCBL, San Sebastian, Spain (June, 'Predicting the sensory consequences of action'), and two recent talks giving an overview of our projects in the Netherlands (December, 'Expectation, action and perception', University of Amsterdam and Donders Institute, Radboud University).

# Awards and Recognition

Congratulations to all our staff and students receiving awards

## [Dr Sarah Lloyd-Fox awarded Wiley Prize](#)

Dr Lloyd-Fox awarded the Wiley Prize from the British Academy, in recognition of her distinction in research into infant cognitive development.



## [A recent Birkbeck graduate has been awarded two top Psychology awards for research and academic excellence.](#)



Along with graduating first in her class and winning the prestigious British Psychological Society Undergraduate Award, Tanya Botha has also received the Honorary Research Fellows in Quantitative Psychology Prize from Birkbeck for the best final-year undergraduate psychology project of the year using quantitative methods.

Tanya's project investigated ways to boost emotional resilience and wellbeing in individuals prone to high levels of rumination, a major risk factor for depression and anxiety, using innovative neurocognitive interventions. These interventions were developed to increase attentional control and processing efficiency using daily, web-based training tasks. The findings of this research are clinically important and add to a growing body

of research expounding the efficacy of brief, computer-based cognitive interventions for reducing the symptoms of some of the most burdensome psychological disorders.

**Mike Oaksford** has been appointed Associate Editor of *Cognition*, one of the main journals in Cognitive Psychology.

## Birkbeck Public Engagement Awards 2019

Applications have opened for the Public Engagement Awards. These celebrate projects in which researchers have worked with the public to make our research accessible and include non-academic expertise. The deadline for applications is 17 February. [Contact the Public Engagement team](#) to discuss your application or join us for a Q&A at 13:00, 21 January, B04 Malet Street





# Grants

Congratulations to all our staff receiving research grants

Emily Jones	<a href="#">ESRC</a>	Why are we social? Mapping the development of social motivation through adaptive sampling	253,017
Michael Thomas	MRC (subcontract from UCL)	Cognitive Development in the Urban Environment (The CLUE study)	10,622
Emily Jones and Mark Johnson	IMI, Innovative Medicines Initiative	AIMS-2-TRIALS: Autism Innovative Medicine Studies	2,899,831
Sarah Lloyd Fox	Royal Society	Influence of Social partner on the neural correlates of affective touch in the first year of life	2,500

**Denis Mareschal** led a team of researchers including Tim Smith, Atsushi Senju Michael Thomas, Matt Longo, Adam Tierney, and Mark Johnson from Birkbeck and Clare Elwell from UCL biophysics who successfully applied to the *Wellcome Trust* for £850,458 towards the *Toddler Lab Cave facility*. This immersive audio-visual environment will enable us to transport toddlers virtually into any environment and the ability to record EEG and brain oxygenation through fNIRS in freely mobile and interacting toddlers.

# Conference Activity

Members of staff from across the department have been representing Psychological Sciences at conferences across the world

On 25<sup>th</sup> October 2018 **Jaqueline Barnes** delivered the Workshop presentations: *Societal determinants of the intergenerational transmission of health inequalities* in Centre-based child care and preschool systems at the Intergenerational transmission of health inequalities meeting at Erasmus University Medical Centre in Rotterdam. In addition she attended the 7<sup>th</sup> Early Childhood Care and Education Studies Seminar (ECESS) at the University of Utrecht on 14<sup>th</sup> November 2018 and delivered the Keynote address *Inter-agency working to support family functioning and child development: Background and emerging European evidence* and the workshop *Covering care and education at the local level*. St. Stephen's School and Children's Centre, London, UK.

**Emily Jones** delivered the presentation *Promising biomarkers of early autism* at the International Society for CNS Clinical Trials and Methodology, Miami in October 2018.

**Fiona Tasker** contributed to the following:

- Costa, P. A., Tasker, F., & Leal, I. *Motivations for adoption among LGBTQ individuals* (paper presentation) and *Psychosocial adjustment of children in adoptive LGBT+ and heterosexual families in the U.K.* (poster presentation) at the 6th International Conference on Adoption Research. Vancouver, Canada, July 8-12 2018.
- Tasker, F. *Today's Family Maps & Tomorrow's Possibilities: Family Formations and LGBTQ Parenting* 9th European Society on Family Relations (ESFR) congress "Families through the lens of diversity", University of Porto, Oporto, Portugal, 5-8 September 2018.
- Costa, P. A. *Cross-cultural perspectives on LGBT- families: Parental experiences and children's psychosocial adjustment*. Discussant: Fiona Tasker. Symposium conducted at the 9th Congress of the European Society on Family Relations. Porto, Portugal, 5-8 September 2018.
- Costa, P. A., Tasker, F., & Leal, I. *Child psychosocial adjustment in adoptive gay, lesbian, and heterosexual families* and Carneiro, F., Costa, P. A., Tasker, F., & Leal, I. (2018) *Reactions from family of origin to the disclosure of lesbian motherhood through donor insemination*. In P. A. Costa (Chair), *Cross-cultural perspectives on LGBT- families: Parental experiences and children's psychosocial adjustment*. Symposium conducted at the 9th Congress of the European Society on Family Relations. Porto, Portugal, 5-8 September 2018.
- Figueroa, V. & Tasker, F. *Parenting desires and intentions among Chilean young lesbian and bisexual women*. 9th Congress of the European Society on Family Relations. Porto, Portugal, September, 5-8 2018.
- Leal, D., Gato, J. & Tasker, F. *Prospective Parenting: Sexual Identity and Intercultural Trajectories*. 9th Congress of the European Society on Family Relations. Porto, Portugal, September, 5-8 2018.
- Costa, P. A., Tasker, F., & Leal, I. *Different Adoption Practices For Different Families? Gay, Lesbian, And Heterosexual Adopters And "Hard-To-Place" Children*. European Scientific Association on Residential & Family Care for Children and Adolescents, 2-5 October 2018, Porto, Portugal.

**Ulrike Hahn** gave the talk *Some thoughts on trust* at the Leading Integrity Conference in London, July 2018.

# Doctoral Activity

## Theses Awarded

Congratulations to all those successfully defending their theses

Candidate: Jacqueline Allan

Title: Understanding, Measuring and Treating Eating Disorders in those with Type 1 Diabetes

Supervisors: Dr Anne Miles, Professor Annette Karmiloff-Smith

Examiners: Dr Colin Jones, Professor Jackie Sturt

Candidate: Klaudia Ambroziak

Title: Malleability of body image: how looking at other people affects perception of our own body

Supervisors: Matthew Longo, Marie Smith

Examiners: Aikaterina Fotopoulou, Stephan de la Rosa

Candidate: Annie Brookman-Byrne

Title: The cognitive and neural bases of science and maths reasoning in adolescence

Supervisors: Dr Iroise Dumontheil, Prod Denis Mareschal, Prof Andrew Tolmie (UCL IOE)

Examiners: Prof Michelle de Haan (ICH UCL), Dr Sinead Rhodes (University of Edinburgh)

Candidate: Nicole Cruz

Title: On the Role of Deduction in Reasoning from Uncertain Premises.

Supervisor: Mike Oaksford/David Over/Jean Baratgin

Joint award under a co-tutelage arrangement with l'École Pratique Des Hautes Études, Paris

Examiners: Professor Nick Chater (Warwick), Professor Wim De Neys (Sorbonne), Professor Shira Elqayam (De Montfort), Professor Dorothy Edgington (BBK)

Candidate: Georgina Donati

Title: Investigating the relationship between emotion and cognition during adolescence: genes and behaviour

Supervisors: Dr Iroise Dumontheil and Dr Emma Meaburn

Examiners: Prof. Yulia Kovas (Goldsmiths) and Dr Catherine Sebastian (Royal Holloway)

Candidate: Emmanuel Ducrocq

Title: Understanding The Neurocognitive Mechanisms of Sports Performance Under Pressure Through Cognitive Training

Supervisors: Nazanin Derakhshan

Examiners: Vince Walsh and Raoul Oudejans

Candidate: Megumi Fieldsend

Title: Facing and dealing with the challenge of involuntary childlessness: An interpretative phenomenological analysis

Supervisor: Jonathan Smith

Examiners: Rudi Dallos (Plymouth) and Joel Vos (Metanoia Institute)

Candidate: Melina Makatsori

Title: The impact of food allergy and food challenge testing on health-related quality of life and emotional distress in adults

Supervisors: Dr Anne Miles, Professor Denis Mareschal

Examiners: Dr Rebecca Knibb, Dr Alice Simon

Candidate: Germaine Symons

Title: *The Effect of Source Reliability on the Understanding of Causal Systems in Primary and Secondary School Children.*

Supervisor: Mike Oaksford/Andrew Tolmie

Examiners: Professor Christine Howe (Cambridge), Professor Jacqueline Barnes (BBK)

Candidate: Wafa Turkistani

Title: Unemployment in Spinal Cord Injury: Understanding the lived experiences of unemployed individuals with spinal cord injury and those who provide spinal cord injury vocational support in the community

Supervisor: Jonathan Smith

Examiners: Brett Smith (Birmingham) and Sally Anstey (Cardiff)

Candidate: James Vance

Title: Negations without “Not”: Alternative Forms of Negation and Contrast Classes in Conditional Inference

Supervisor: Mike Oaksford

Examiners: Professor Linden Ball (UCLAN), Dr Adam Harris (UCL)

## Theses Examined

Staff from around the department are frequently invited to examine doctoral theses at institutions across the country

**Jacqueline Barnes** was external examiner at Canterbury Christ Church University for the thesis *The Nature of Scaffolding Interaction: Mother and child contribution across time and culture.*

**Clare Press** was external examiner for Victoria Schroeder at University of Birmingham and Nathan Foster at Liverpool John Moores University.

**Naz Derakshan** was external examiner at the University of Sussex for the thesis *Testing a goal-driven account of involuntary attentional capture by motivationally salient stimuli* in September 2018 and at the University of Roehampton for the thesis *Modulation of attentional bias modification using Transcranial Electrical Stimulation* in October 2018.

# Publications

## Journal Articles

Berggren, Nick and Eimer, Martin (2018) [Electrophysiological correlates of active suppression and attentional selection in preview visual search.](#) *Neuropsychologia* 120, pp. 75-85. ISSN 0028-3932.

Berggren, Nick and Eimer, Martin (2018) [Visual working memory load disrupts template-guided attentional selection during visual search.](#) *Journal of Cognitive Neuroscience*, ISSN 0898-929X. (In Press)

Broadbent, H. and Osborne, Tamsin and Mareschal, Denis and Kirkham, Natasha (2018) [Withstanding the test of time: multisensory cues improve the delayed retention of incidental learning.](#) *Developmental Science*, ISSN 1363-755x. (In Press)

Chater, N., & Oaksford, M. (2018). [The enigma is not entirely dispelled: A review of Mercier and Sperber's The Enigma of Reason](#) *Mind & Language*, 23, 1-8.

Cooper, P. and Murray, L. and Jennings, S. and Mortimer, A. and Prout, A. and Melhuish, Edward and Hughes, C. and Duncan, J. and Holmes, J. and Dishington, C. (2018) [The Impact of Early-years Provision In Children's Centres \(EPICC\) on child cognitive and socio-emotional development: study protocol for a randomised controlled trial.](#) *Trials* 19, p. 450. ISSN 1745-6215.

Cooper, Richard P. and Byde, C. and de Cecilio, R. and Fulks, C. and Morais, D. (2018) [Set-shifting and place-keeping as separable control processes.](#) *Cognitive Psychology* 105, pp. 53-80. ISSN 0010-0285.

Costa, P.A. and Tasker, Fiona (2018) ["We wanted a forever family": Altruistic, individualistic, and motivated reasoning motivations for adoption among LGBTQ individuals.](#) *Journal of Family Issues* 39 (18), pp. 4156-4178. ISSN 0192-513X.

Davelaar, Eddy and Barnby, Joseph and Almasi, Soma and Eatough, Virginia (2018) [Differential subjective experiences in learners and non-learners in frontal alpha neurofeedback: piloting a mixed-method approach.](#) *Frontiers in Human Neuroscience*, ISSN 1662-5161.

Davelaar, Eddy and Eatough, Virginia and Etienne, Mervyn and Ozolins, C. (2018) [Mid-frontal theta oscillations discriminate between sham-control and neurofeedback training manipulations: a signal detection analysis.](#) *Current Neurobiology* 9 (3), pp. 95-100. ISSN 0975-9042.

Donati, Georgina and Meaburn, Emma and Dumontheil, Iroise (2018) [The specificity of associations between cognition and attainment in English, maths and science during adolescence.](#) *Learning and Individual Differences*, ISSN 1041-6080. (In Press)

Dore, P. and Dumani, A. and Wyatt, Geddes and Shepherd, Alex J. (2018) [Links between global and local shape perception, coloured backgrounds, colour discrimination, and non-verbal IQ.](#) *Vision Research* 151, pp. 31-40. ISSN 0042-6989.

Dwan, Connor and Miles, Anne (2018) [The role of attitude and attitude ambivalence in acceptance of the cancer risk associated with red meat.](#) *Health, Risk and Society* 20, pp. 147-162. ISSN 1369-8575.

Eatough, Virginia and Shaw, K. (2018) ["It's like having an evil twin": an interpretative phenomenological analysis of the lifeworld of a person with Parkinson's disease.](#) *Journal of Research in Nursing*, ISSN 1744-9871. (In Press)

- Edey, Rosanna and Brewer, R. and Bird, Geoffrey and Press, Clare (2018) [Typical auditory-motor and enhanced visual-motor temporal synchronization in adults with Autism Spectrum Disorder](#). *Journal of Autism and Developmental Disorders*, ISSN 0162-3257. (In Press)
- Edey, Rosanna and Cook, J. and Brewer, Rebecca and Bird, Geoffrey and Press, Clare (2018) [Adults with Autism Spectrum Disorder are sensitive to the kinematic features defining natural human motion](#). *Autism Research*, ISSN 1939-3792. (In Press)
- Gilligan, K. A., Hodgkiss, A., Thomas, M. S. C., & Farran, E. K. (2018). The use of discrimination scaling tasks: A novel perspective on the development of spatial scaling in children. *Cognitive Development*, 47, 133-145
- Grubert, Anna and Eimer, Martin (2018) [The time course of target template activation processes during preparation for visual search](#). *Journal of Neuroscience* 38 (44), pp. 9527-9538. ISSN 0270-6474.
- Grunfeld, Elizabeth A. and Schumacher, L. and Armaou, M. and Woods, P.L. and Rolf, P. and Sutton, A.J. and Zarkar, A. and Sadhra, S.S. (2018) [A feasibility randomized controlled trial of a guided workbook intervention to support work-related goals among cancer survivors in the UK](#). *BMJ Open*, ISSN 2044-6055. (In Press)
- Hammer, D., Melhuish, E.C., & Howard, S.J. (2018). Antecedents and consequences of socio-emotional development: A longitudinal study of academic achievement. *Archives of Scientific Psychology*, 26, 105-116. DOI: <http://dx.doi.org/10.1037/arc0000034>
- Hammer, D., Melhuish, E.C., & Howard, S.J. (In press). Child self-regulation, adolescent risky behaviours and substance use: A 10-year longitudinal study. *Journal of Youth and Adolescence*.
- Howard, S.j., Siraj, I., Melhuish, E., Kingston, D., Neilsen-Hewitt, C.M., de Rosnay, M., Duursma, E.E., and Luu, B. (2018). Measuring interactional quality in pre-school settings: Introduction and validation of the Sustained Shared thinking and Emotional Well-being (SSTEWE) scale. *Early Child Care and Development*, Online First 1-14.
- Hahn, Ulrike and Hansen, J.U. and Olsson, E.J. (2018) [Truth tracking performance of social networks: how connectivity and clustering can make groups less competent](#). *Synthese* , ISSN 0039-7857. (In Press)
- Hahn, Ulrike and Merdes, C. and von Sydow, M. (2018) [How good is your evidence and how would you know?](#) *Topics in Cognitive Science* 10 (4), pp. 660-678. ISSN 1756-8765.
- Karaslaan, H. and Hohenberger, A. and Demir, H. and Hall, S. and Oaksford, Michael (2018) [Cross-cultural differences in informal argumentation: norms, inductive biases and evidentiality](#). *Journal of Cognition and Culture* 18 (3-4), pp. 358-389. ISSN 1567-7095.
- Leal, D. and Gato, J. and Tasker, Fiona (2018) [Prospective parenting: sexual identity and intercultural trajectories](#). *Culture, Health and Sexuality*, ISSN 1369-1058 print. (In Press)
- Lokken, I. and Broekhuizen, M. and Barnes, Jacqueline and Moser, T. and Bjørnstad, E. (2018) [Staff-child interaction-quality and children's social competence in Norwegian ECEC](#). *Journal of Early Childhood Education Research*, ISSN 2323-7414. (In Press)
- Longo, Matthew (2018) [The effects of instrumental action on perceptual hand maps](#). *Experimental Brain Research* 236 (11), pp. 3113-3119. ISSN 0014-4819.
- Melhuish, E. (2018). Pre-school benefits all, and influences the nation's well-being. *Australian Educational Leader*, 40, 68-69.

- Melhuish E. & Gardiner, J. (2018). [Study of Early Education and Development \(SEED\): Study of Quality of Early Years Provision in England \(Revised\): Research Report](#). London: Department for Education.
- Melhuish E. & Gardiner, J. (2018). [Study of Early Education and Development \(SEED\): Study of Quality of Early Years Provision in England \(Revised\): Research Brief](#). London: Department for Education.
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