Newsletter of the Birkbeck Department of

Psychological Sciences



MAIN EVENTS

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Prof. Mark Johnson received the Huttenlocher Award and delivered the associated lecture Developmental Cognitive Neuroscience: Progress and Prospects at the annual FLUX congress in Leiden, Netherlands, 16-19th Sept 2015

Prof. Johnson being introduced by Prof. Beatrice Luna (a former PhD student of his)

Prof. Ulrike Hahn was Elected Fellow of the US Association for Psychological Science as well as of the German National Academy of Sciences "Leopoldina".





Dr. Iroise Dumontheil was interviewed on Channel 4 News on 22nd September to talk about the use of smartphones during adolescence, and on BBC Radio Wales on 25th November to talk about a recently published paper on social cognition and multitasking during adolescence and adulthood (dx.doi.org/10.1098/rsos. 150117).

The research of the BabyLab was featured in the pages of *Nature*:

http://www.nature.com/news/the-big-baby-experiment-1.18701

In September, Prof.Ted Melhuish was interviewed on ABC radio in Australia about his proposal that Australia should provide free 15 hours of early education for all 3-and 4-year olds. It attracted a lot of press comment and substantial political reaction.



Prof.Annette Karmiloff-Smith took part in a debate on the use of technology in today's digital world, at The Sunday Times Festival of Literature.

GRANTS, AWARDS & RECOGNITION

Prof. Denis Mareschal (PI), Dr. Iroise Dunontheill & Prof. Michael Thomas are part of a Centre for Educational Neuroscience team including members of the UCL-Institute of Education who were awarded a £998,000 grant from the Wellcome Trust and Education Endowment Foundation to carry out a large scale feasibility study for a cognitive neuroscience based science education intervention.

The UnLocke Project <u>_</u> is based on the finding that expertise in scientific reasoning is predicated in part on the ability to inhibit pre-potent na<u>r</u> ve concepts. The team will develop and evaluate a new computerised game aimed at helping primary school-aged children to use their inhibitory skills more effectively in the context of math and science lessons. While the full-scale intervention will involve 9000 children, a smaller subset of children will also undergo extensive cognitive testing and neuroimaging in order to better understand the mechanisms at play during scientific reasoning.

https://educationendowmentfoundation.org.uk/projects/counterintuitive-concepts/

Dr. Iroise Dumontheil obtained an ESRC-CASE studentship with Prof. Michael Thomas and John Rogers (Delosis) to work on the Study of Cognition, Adolescents and Mobile Phones (SCAMP).

Dr. Natasha Kirkham and Prof. Denis Mareschal have been successfully awarded an ESRC CASE studentship, exploring the role of ambient noise on children's classroom performance.

Dr. Emma Meaburn was awarded a Birkbeck Wellcome Trust ISSF (Institutional Strategic Support Fund) to study: An autism DNA bio-resource for evaluation of female resilience to inherited ASD risk variants. Amount: £39,460

Dr. Angelica Ronald received a Wellcome Trust ISSF grant to establish her international project on genomic mega-analyses of psychotic experiences in adolescence.

<u>Prof.Martin Eimer received a Leverhulme Trust, Research Project Grant:</u> Neural and cognitive mechanisms of multimodal working memory (£185,528). Start date: 1 February 2016

THESES EXAMINED/AWARDED

Dominika Sieradzka passed her viva in December 2015, her thesis title being *Investigation into the contribution of common genetic variants to the aetiology of dimension-specific psychotic experiences in the general population of adolescents and the association with schizophrenia*". She was supervised by Dr Angelica Ronald (first supervisor) and Dr Emma Meaburn (second supervisor). Her examiners were Professor Stanley Zammit (Bristol) and Dr Andrew McQuillin (UCL).

Massimiliano Papera successfully defended his thesis, entitled *A study of the mechanisms of attention and memory that are associated with neglect of unexpected visual stimuli*, on 3rd December 2015. Supervisor Professor Anne Richards (primary) and Prof. Richard Cooper (second supervisor).

Prof. Matthew Longo gave departmental seminars at the University of Barcelona, the University of Essex, and the University of Sussex. He was also a commentator at the workshop on 'The Body and the Mind, Revisted' at the University of Copenhagen.

Prof. Denis Mareschal was an external examiner for Fabrice Damon at the *Department de Psychologie, Universite de Grenoble*. The thesis was entitled "The emegernce of visual preference in infants" and supervised by Olivier Pascalis.

Xiaofei Qi passed her examination for the degree of PhD in October, 2015. entitled: "Does preschool matter: The impact of preschool experience on children's school readiness in rural China". Her supervisors were Prof.Ted Melhuish and Prof. Jacqueline Barnes. Her examiners were Paul Leseman (Utrecht) and Lynn Ang (UCL).

PUBLICATIONS

- **Hahn**, U. & Hornikx, J. (2015) A normative framework for argument quality: Argumentation schemes with a Bayesian foundation. Synthese, online first.
- Joensson, M., **Hahn**, U. & Olsson, E. (2015). The Kind of Group You Want to Belong to: Effects of Group Structure on Group Accuracy. Cognition, 142, 191-204.
- **Hahn**, U., Harris, A. J. L. and Corner, A. (2015), Public Reception of Climate Science: Coherence, Reliability, and Independence. Topics in Cognitive Science. doi: 10.1111/tops.12173
- Freier, L., Cooper, R. P. & **Mareschal, D.** (2015) Preschool Children's Control of Action Outcomes. *Developmental Science*. *DOI:10.1111/desc.12354*
- Nardini, M, Bales, J & **Mareschal**, **D** (2015). Integration of audio-visual information for spatial decisions in children and adults. *Developmental Science*. *DOI*: 10.1111/desc.12327
- Sarah J. Marzi, Emma L. **Meaburn**, Emma L. Dempster, Katie Lunnon, Jose L. Paya-Cano, Rebecca G. Smith, Manuela Volta, Claire Troakes, Leonard C. Schalkwyk, Jonathan Mill. Tissue-specific patterns of allelically-skewed DNA methylation. *Epigenetics (In Press)*
- **Melhuish,** E., Sammons, P., Sylva, K., Siraj-Blatchford, I. and Taggart, B. (2015). Home, Pre-school and Primary school effects when children are aged 11. In E. Mellou (Ed.) Kindergarten Teachers's Handbook: Theory and Action (Vol. 1,2,3). Athens:
- Jaffee, S.R., McFarquhar, T., Stevens, S., Ouellet-Morin, I., **Melhuish, E.**, & Belsky, J. (2015). Interactive effects of early and recent exposure to stressful contexts on cortisol reactivity in middle childhood. *Journal of Child Psychology and Psychiatry*, *56*, 138-146.
- Cline, J., I., Belsky, J., Li, Z., **Melhuish, E**., Lysenko, L., McFarquhar, T., Stevens, S., & Jaffee, S. (2015). Taking your mind off it: Coping style, serotonin transporter linked polymorphic region genotype (5-HTTLPR), and children's internalizing and externalizing problems. Development and Psychopathology, 27, 1129-1143.
- Melhuish, E., Ereky-Stevens, K., Petrogiannis, K., Ariescu, A., Penderi, E., Rentzou, K., Tawell, A., Slot, P., Broekhuizen, M., & Leseman, P. (2015). A review of research on the effects of early childhood Education and Care (ECEC) upon child development. CARE project; Curriculum Quality Analysis and Impact Review of European Early Childhood
- Education and Care (ECEC). Available at http://ecec-care.org/resources/publications/
- Sammons, P., Toth, K., Sylva, K., **Melhuish, E.**, Siraj, I., & Taggart, B. L. (2015). The long-term role of the home learning environment in shaping students' academic attainment in secondary school. *Journal of Children's Services*, 10(3). 189-201.

PUBLICATIONS

- Owens, M., **Derakshan**, N., & **Richards**, A. (2015). Trait susceptibility to worry modulates the effects of cognitive load on attentional control: An ERP study. *Emotion*. 15(5) 544-9.
- Catmur, C., **Press**, C., & Heyes, C. (2015). Mirror neurons from associative learning. In: *The Cognitive Neuroscience of Learning* (Wiley-Blackwell Handbook). Murphy, R., & Honey, R. (eds).
- **Miles,** A. Van Duijnhoven F, McQueen A, Raymond Oliphant, R. (2015). Colorectal Cancer: Advances in Prevention and Early Detection. *BioMed Res. International*, ID 518068, 2 pages, doi:10.1155/2015/518068.
- Mills KL, **Dumontheil I**, Speekenbrink M, Blakemore S-J (2015). Multitasking during social interactions in adolescence and early adulthood. *Royal Society Open Science*, 2:150117.
- **Dumontheil I**. Development of the social brain during adolescence (2015). *Psicología Educativa*, 21:117-124.
- Jensen SKG, Dickie EW, Schwartz DH, Evans CJ, **Dumontheil I**, Paus T, Barker ED (2015). Impact of early adversity and childhood internalizing symptoms on brain structure in male youths. *JAMA Paediatrics*, 938-946.
- Fisher, K., **Towler**. J., & **Eimer**, M. (2016). Facial identity and facial expression are initially integrated at visual perceptual stages of face processing. *Neuropsychologia*, 80, 115-125.
- **Towler**. J., Parketny, J., & **Eimer**, M. (2016). Perceptual face processing in developmental prosopagnosia is not sensitive to the canonical location of face parts. *Cortex*, 74, 53-66.
- Wirth, B., Fisher, K., **Towler**, J., & **Eimer**, M. (2015). Facial misidentifications arise from the erroneous activation of visual face memory. *Neuropsychologia*, 77, 387-399.
- Parketny, J., **Towler**, J., & **Eimer**, M (2015). The activation of visual face memory and explicit face recognition are delayed in developmental prosopagnosia. *Neuropsychologia*, 75, 538-547.
- **Eimer**, M. (2015). EPS Mid-Career Award 2014: The control of attention in visual search Cognitive and neural mechanisms. *The Quarterly Journal of Experimental Psychology*, 68, 2437-2463.
- Katus, T., & **Eimer**, M. (2015). Lateralized delay period activity marks the focus of spatial attention in working memory: Evidence from somatosensory event-related brain potentials. *Journal of Neuroscience*, 35, 6689-6695.
- Lagroix, H.E.P., Grubert, A., Spalek. D.M., Di Lollo, V., & **Eimer**, M. (2015). Visual search is postponed during the period of the AB: an event-related potential study. *Psychophysiology*, *52*, 1031-1038.

PUBLICATIONS

Longo, M. R. (2015). Intuitive anatomy: Distortions of conceptual knowledge of hand structure. Cognition, 142, 230-235.

Longo, M. R. (2015). Posture modulates implicit hand maps. Consciousness and Cognition, 36, 96-102.

Longo, M. R., Ghosh, A., & Yahya, T. (2015). Bilateral symmetry of distortions of tactile size perception. Perception, 44, 1251-1262.

Longo, M. R., Mancini, F., & Haggard, P. (2015). Implicit body representations and tactile spatial remapping. Acta Psychologica, 160, 77-87.

Tamè, L., & **Longo**, M. R. (2015). Inter-hemispheric integration of tactile-motor responses across body parts. Frontiers in Human Neuroscience, 9, 345.

Vagnoni, E., Lourenco, S. F., & **Longo**, M. R. (2015). Threat modulates neural responses to looming visual stimuli. European Journal of Neuroscience, 42, 2190-2202.

Walsh, E., Guilmette, D. N., **Longo**, M. R., Moore, J. W., Oakley, D. A., Halligan, P. W., Mehta, M. A., & Deeley, Q. (2015). Are you suggesting that's my hand? The relation between hypnotic suggestibility and the rubber hand illusion. Perception, 44, 709-723.

Miller, L. E., **Longo**, M. R., & Saygin, A. P. (2016). Mental body representations retain homuncular shape distortions: Evidence from Weber's illusion. Consciousness and Cognition, 40, 17-25.

D'Souza, D., D'Souza, H., Johnson, M. H., & **Karmiloff-Smith**, A. (in press). Concurrent relations between face scanning and language: A cross-syndrome infant study. *PLOS ONE*.

Dimitriou, D., Leonard, H., **Karmiloff-Smith**, A., Johnson, M.H., & Thomas, M. S. C (2015). Cross-syndrome comparison of configural face processing: Autism, Down syndrome and Williams syndrome. Journal of Intellectual Disability Research.

Ashworth, A., Hill, C. M., **Karmiloff-Smith**, A. & Dimitriou, D. (2015). Sleep Enhances Learning in Children, Journal of Sleep Research. DOI: 10.1111/jsr.12119

Van Herwegen, J. & Karmiloff-Smith, A. (2016). Genetic developmental disorders and numerical competence across the lifespan. In R. Cohen Kadosh & A. Dowker (Eds.), Oxford Handbook of Numerical Cognition. Oxford: Oxford University Press.

Karmiloff-Smith, A., Doherty, B., Cornish K. & Scerif, G. (2015). Fragile X Syndrome as a Multilevel Model for Understanding Behaviorally Defined Disorders. In Cicchetti, D. (Ed.) Developmental Psychopathology (3rd Edition), Wiley.

INIVITED TALKS

Dr Iroise Dumontheil gave research talks titled *Rostral prefrontal cortex*, *social cognition and executive functions* on 9 October at the British Psychological Society Division of Neuropsychology Scotland AGM, in Glasgow; *Different approaches to training executive functions during childhood and adolescence* at the Current Issues in Educational Neuroscience workshop on 20 November in London; and *Social cognition development during adolescence* at a research group seminar at the University of Birmingham on 8 December.

Dr Iroise Dumontheil also gave more general talks on *What does neuroscience say about children's physical, cognitive, social and emotional development* on 26 September to teachers and parents at the Maria Montessori Institute in London, a presentation on *Learning, reasoning and science education in the developing brain* to teachers at Latymer Upper School on 21 October, and a talk on *The Teenage Brai*n to 6th form students at University College School on 27 November.

Prof. Matthew Longo gave departmental seminars at the University of Barcelona, the University of Essex, and the University of Sussex. He was also a commentator at the workshop on 'The Body and the Mind, Revisted' at the University of Copenhagen.

F. Tasker. Transgender parents and their children. Centre for Family Research Seminar Series, 20th October, 2015, University of Cambridge, UK

F. Tasker. Considering Same-Sex Parenting: Implications for Psychotherapeutic Work with Families. Societa Italiana di Psicoterapia per lo Studio delle Identita Sessuali (SIPSIS) conference "Sexual Identities and Human Rights in XXI Century: Between Science, Dogma, and Stigma", 7th November 2015, Parma, Italia

Prof. Annette Karmiloff-Smith gave a keynote address in October at the *Harmonize in Europe for Williams Syndrome* in Rome. She also gave a keynote address in November at the Spanish Linguistics and Speech Therapy conference in Barcelona.

INIVITED TALKS

Dr. Clare Press gave three talks: Dec 2015: Domain-generality of sensory prediction processes during action: A closer look at the cancellation account. Talk given at the Cognition, Brain and Behaviour Winter Congress, Egmond an Zee, Netherlands. Nov 2015: Mapping between action and perception: Domain-specificity of mechanisms and implications for autism. Talk given to the School of Psychology, Plymouth University, and Aug 2015: The influence of the way we move on perception of others: Implications for autism. Talk given at Social Cognition: From Evolution to Applications, Bangor, UK.

The Ministry of Education for Japan invited Prof. Ted Melhuish to give an address to a conference on Early Childhood Education: Research & Policy, Tokyo, Japan, 1st September, 2015.

Prof. Ted Melhuish gave a keynote address on Early Experience, Self-regulation and Later development to the Inaugural Early Start Conference, University of Wollongong, NSW, Australia, September, 2015.

Prof. Ted Melhuish gave a keynote address on Early Childhood Education and the Welfare of Nations to the Global Business Summit on early Childhood Investment. ReadyNation & Robert Wood Johnson Foundation, New York, 2nd October, 2015.

The Department of Education of the Australian Government invited Prof. Ted Melhuish to hold a workshop on Early Childhood Research and Policy for civil servants from Education, Treasury & Employment, in Canberra, Australia, 12th October, 2015.

The Australian Research Association for Children and Youth (ARACY) invited Prof. Ted Melhuish to give a keynote address on Research on Early Childhood at their conference in Melbourne, Australia, 14th October, 2015.

On October 23rd Prof. Ted Melhuish gave an invited address on Early Experience, Literacy and Emotional Development to the conference of the Family Day Care Association of Australia, Sydney, Australia.

In November, Premier Jay Weatherill of South Australia invited Prof. Ted Melhuish to give an address on Early Childhood and the Wealth of Nations to the Early Childhood: Nation Reform Symposium, Adelaide, Australia. This symposium led on the recommendations that were presented to the Commonwealth of Australian Governments (COAG) on the future funding of early education in Australia.

NEWSLETTER: Winter 2015/Spring 2016

CONFERENCE ACTIVITIES

With Dr. Emma Meaburn, Prof.Michael Thomas gave a public lecture on genetics and education on November 18th (The Inaugural Annual Learnus Lecture. Church House, Dean's Yard, London).

Prof.Thomas dealt with the following topics: It is familiar to hear that the 'gene' for this or that behaviour has been discovered, or that certain skills are 'highly heritable'. Can this help educators? Can knowing what abilities are more or less heritable directly help improve teaching techniques or educational outcomes? To explore this question, Professor Thomas will describe the contemporary methods used to relate genetic variation to individual differences in high-level behaviours such as academic skills and educational achievement. These methods include twin studies and genome-wide association studies. He will then address the key question of what genetic data imply about the ability of educators to optimise educational outcomes for children across the range of abilities. As was recently asked in a Guardian podcast with Professor Robert Plomin, might true equality in education mean testing children's genetics at the age of four, so that any learning difficulties revealed can be accommodated right from the start of primary education? Or alternatively, does a focus on genetic differences distract our attention from differences that stem from inequalities in the environment, which are more readily addressed?

Dr Emma Meaburn discussed cutting-edge developments in measuring and relating DNA variation to educationally relevant abilities. She also explored emerging research on the biological effects of the environment on DNA expression (so-called 'epigenetic' studies).

N.B. THE PINK TIE!!



CONFERENCE ACTIVITIES

Prof. Mark Johnson, Dr Teea Gliga, and Dr Luke Mason all taught at the Italian School of Neuroscience in Bressanone, Italy, October 3-8th.

V. Smith & Dr. Fiona Tasker gave a poster: Beyond prevalence and risk: Understanding chemsex trends among gay men living in London. Gay & Lesbian Association of Doctors & Dentists (GLADD) Annual Student & Qualified Conference, 14th November, 2015, London, UK (poster shortlisted for GLADD student prize).

In November 20th, Dr. Iroise Dumontheil and Prof.Michael Thomas contributed to a one-day workshop organised by the Centre for Educational Neuroscience and held at Birkbeck, for which the keynote speaker was Prof. Daphne Bavelier (University of Geneva). Prof.Bavelier presented on the topic of 'Learning and transfer: Lessons from action video games'.

Dr. Dumontheil spoke on the topic of training executive function skills, while Prof.Thomas spoke on the topic of the cognitive neuroscience of socio-economic status.

White, H., Broadbent, H., Kirkham, N. Z. & Mareschal, D. (2015) *Multisensory category learning in primary school children*. Poster presented at the annual British Psychological Society Developmental Section meeting, Manchester, September 9-12.

Broadbent, H., White, H., Bentley, H., Kirkham, N. Z. & Mareschal, D. (2015) *Multimodal sustained attention in primary school children*. Poster presented at the annual British Psychological Society Developmental Section meeting, Manchester, September 9-12.

CONFERENCE ACTIVITIES (COONTD)

On October 2nd, Carina de Klerk and Sinead Rocha organised a highly successful training workshop on the use of surface EMGs for studing infant development. The workshop involved international speakers and brought together a community for local London researchers interesteed in this method.

Richards, A., Dittmer, L., V., Williams, S., & Smith, M. L. The rewarding value of attractive faces: modulating effects of emotion, eye-gaze and empathy. (poster presentation) European Conference on Visual Perception, University of Liverpool, 23rd-27th August 2015.

Papera, M. & Richards, A. Processing capacity limits in the early stages of visual processing are associated with neglect of unexpected visual stimuli. (poster presentation) European Conference on Visual Perception, University of Liverpool, 23rd-27th August 2015.

UPCOMING TALKS/VISITORS

Forthcoming Visitors

Dr. Pedro Alexandre Costa (Faculty of Psychology and Education - University of Porto (FPCE-UP)) visited the Department October- December 2015 and will return again to visit Birkbeck in April 2016. Pedro has conducted a pioneering research in Portugal on lesbian and gay parenting. During Pedro's visit to Birkbeck, Dr. Fiona Tasker will be collaborating with him on a research project entitled "Mapping Family Relationships: A cross-cultural comparison of child and adolescent well-being in gay and lesbian adoptive families in Portugal and in the United Kingdom" funded by the Fundação para a Ciência e Tecnologia (FCT) in Portugal.

Jan-Ole Harald Gmelin (Department of Developmental Psychology, University of Groningen) is visiting the department October 2015- January 2016) on an Erasmus+ training placement. During Pedro's visit to Birkbeck, Dr. Fiona Tasker will be collaborating with him on a research project entitled "Young Gay Men's Identity Formation in Germany".

Forthcoming Conference

Abstract submissions and registration are now open for the 11th International Conference on Child and Adolescent Psychopathology, held in Roehampton University, London on 18 - 20 July 2016. Dr Angelica Ronald will be giving a keynote talk on why autism often co-occurs with other conditions.

WOMEN SCIENTISTS UNITE!

FOR YOUR DIARY!

Thursday, 3rd March 2016, 6-7pm, in Room B-34

INAUGURAL WIPS LECTURE (Women In Psychological Sciences lecture series)

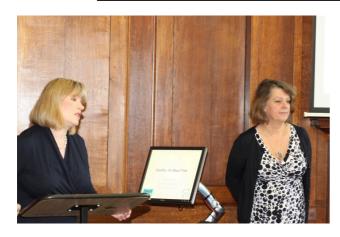
Remedying the (Still Too) Slow Advancement of Women



Professor Virginia Valian

Virginia Valian is Distinguished Professor of Psychology at Hunter College and a member of the doctoral faculties of Psychology, Linguistics, and Speech-Language-Hearing Sciences at the CUNY Graduate Center, New York. She is co-founder and director of Hunter's **Gender Equity Project**, and Director of the Language Acquisition Research Centre. In a recent Chronicle of Higher Education article on 'What book changed your mind?', Valian's book, *Why So Slow? The Advancement of Women* was one of 12 showcased non-fiction books published in the last 30 years.

WOMEN SCIENTISTS UNITE (CONTO)!



Equality? It's about time

Birkbeck School of Sciences welcomed the New Chief Executive of Science Council, Belinda Phipps, to give the final talk of the year in the Equalities and Wellbeing series. Belinda Phipps, who is also Chair of the Fawcett Society spoke about how inequality can be measured in time, including time doing unpaid work, time in which jobs accumulate when women are at home, compared to the time that men have for leisure which may get used to enhance their job prospects. She went on to talk about some of the changes she had made in the organisations she has run, including the National Childbirth Trust, an NHS trust and a blood transfusion service.

Assistant Dean for Equalities, Belinda Brooks-Gordon stated: "I am delighted to welcome Belinda to Birkbeck. We can learn a great amount from outstanding achievers like her. Belinda Phipp's talk really shows how equality change in an organisation can be made. It starts with our baseline measures and the challenge to change. Then with support people can be enabled to change, especially when the right rewards are in place. Athena Swan gives us that challenge and reward."

The talk is the third this year. The first was by Professor Tom Welton from Imperial College. The second was by Jo Swinson MP the Minister for Equalities in the Coalition government.

The Equalities and Wellbeing series is part of Birkbeck's Athena Swan programme which is to inspire and retain more women in science.

Prof.Carolyn Moores (Biological Sciences) and Dr Belinda Brooks-Gordon (Psychological Sciences and Assistant Dean for Equalities in the School of Science travelled to the University of Oxford to collect the award from eminent scientist Professor Dame Julia Higgins FRS FREng. The ceremony was held in the Examinations Schools on 16th December. The Award to Birkbeck's School of Biological Sciences received an Athena Swan Bronze Award will be on display at Birkbeck to inspire other departments.

SOCIAL NEWS

The Dept. of Psych Sciences isn't just about brain imaging, reaction time, and questionnaires. We also produce participants for the studies in the Babylab!

Prof. Matthew Longo has recently started a period of paternity leave to look after little Sophia (pictured), from January to June, 2016.



Dr Angelica Ronald welcomed baby Astrid on 6th November 2015. Mother and baby are doing well!



Dr.Emily Jones gave birth to Ariadne Grace Gold on the 16th November at 9lb 12 oz. Arthur looks very pleased (until of course healthy sibling rivalry sets in!)



SOCIAL NEWS (CONTO)

The Dept. of Psych Sciences isn't just about brain imaging, reaction time, and questionnaires. We have lots of fun too!

On Friday 25 September Dr. Esha Massand, postdoc, took part in the UK's highest freefall abseil (262ft) at the Arcelor Mittal Orbital in London's Olympic Park, to raise funds for Autistica, a charity which both funds and campaigns for medical research to understand the causes of autism, improve diagnosis and develop new evidence-based interventions.



The Departmental Christmas Party organised by Bree Pall and Declan Clear from CBCD, was its usual success





