

# Teodora Andreea Gliga

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## EDUCATION

2006 PhD, Cognitive Sciences, Ecole Normale Supérieure & Université Paris 6, France  
2001 MA, Cognitive Sciences, Ecole des Hautes Etudes en Sciences Sociales, Paris, France  
2000 BA, Molecular Biology and Physiology, Ecole Normale Supérieure, Lyon, France & Universitatea București, Romania

## CURRENT POSITION

2014 – Programme Leader, Infant Siblings Studies (MRC; Researcher 3)  
Centre for Brain and Cognitive Development (CBCD), Birkbeck, University of London, UK

## PREVIOUS POSITIONS

2007 – 2014 Postdoctoral Research Fellow (MRC; Researcher 2)  
Centre for Brain and Cognitive Development (CBCD), Birkbeck, University of London, UK  
2005 – 2007 Postdoctoral Researcher (EU/McDonnell Foundation)  
Centre for Brain and Cognitive Development, Birkbeck, University of London, UK  
Apr/Jun 2009 Parliamentary Office Intern, British Psychological Society, London, UK

## GRANTS AND AWARDS

2016 BPS Neal O'Connor Award for research in developmental disorders  
2015-2017 Wellcome Trust/Birkbeck ISSF Award (£2330, PI), *A film series and an online forum exploring cinematic representations of science*  
2015 Wellcome Trust/Birkbeck ISSF Award (£2000, PI), *The biology and psychology of sex differences in development*.  
2014 – 2015 BA/Leverhulme Small Research Grant (£9,800; PI), *Understanding the role social touch plays in cognitive development*  
2014 – 2016 TRIGGER: Transforming Institutions by Gendering Contacts and Gaining Equality in Research (£55,754), Co-investigator, *Investigating gender differences in cognitive and brain development to unveil protective factors in ASD*  
2013 Wellcome Trust Science Engagement Award, UK (£750; Co-PI with V Southgate)

## WORKSHOP & SYMPOSIUM ORGANIZATION

2015 *The biology and psychology of sex differences in development*, Birkbeck, 60+ participants  
2015 *Measuring social motivation along the lifespan*, International Convention for Psychological Sciences, Amsterdam  
2014 *Computational approaches to autism*, Birkbeck, University of London, 20+ participants  
2014 *Advanced EEG analysis*, Birkbeck, University of London, 20+ participants  
2012 *Reference in infant's and toddlers' word learning*, Budapest CEU Conference on Cognitive Development, Budapest, Hungary

## CONFERENCE PRESENTATIONS

- 2015 *Category representations in infancy*, Budapest CEU Conference on Cognitive Development, Budapest, Hungary
- 2014 *The ontogeny of human curiosity, a few baby steps*, 1<sup>st</sup> Neurocuriosity workshop, INRIA, Bordeaux, France
- 2014 *Developmental pathways to autism*, International Conference on the Early Signs of Autism, Paris, France
- 2014 *Attention constraints on word learning, in autism*, The International Conference for Child Language, Amsterdam, The Netherlands
- 2013 *The origin of social brain impairments in autism*, International Meeting for Autism Research, San Sebastian, Spain
- 2013 *Developmental pathways to autism*, British Psychological Society Annual Meeting, Reading, UK
- 2011 *How language shapes perception: bottom-up vs. top-down interactions*, Society for Research into Child Development, Montreal, Canada, symposium organiser & chair

## INVITED LECTURES

- 2016 LUCID Centre, University of Lancaster, UK
- 2015 Neuroscience School for Advanced Studies, Bresanzone, Italy
- 2015 Wadham College Autism Series, Oxford University, UK
- 2015 School of Nursing and Midwifery, Queen's University, Belfast, UK
- 2014 Cognitive Neuroimaging Unit, Centre d'Etudes Atomiques, Paris, France
- 2014 Psychology Department, Federal University of the Urals, Yekaterinburg, Russia
- 2013 Babylab, University of Massachusetts Boston, USA
- 2013 Babylab, Central European University, Budapest, Hungary
- 2012 Child and Baby Lab, Uppsala University, Sweden
- 2012 Dept. of Experimental Psychology, University of Oxford, UK
- 2012 Castang Foundation Meeting, Edinburgh, UK
- 2011 Psychology Department, University of East London, London, UK
- 2010 Autism & Social Cognition Group, Institute for Cognitive Neuroscience, London, UK
- 2010 School Of Psychology, University of Kent, UK

## PUBLIC ENGAGEMENT

- 2015 *The forgotten sense: learning through touch*. Science Week at Birkbeck
- 2015 Contributing author and Consultant, *Watch my Baby Grow (2015)*, Dorling Kindersley, 224 pages <http://www.dk.com/uk/9781409368007-watch-my-baby-grow/>
- 2014 Interviewed for Euronews, on *Detecting early signs of autism*
- 2013 *What your eyes can tell about your mind*. Neuroscience Festival, Barbican, London
- 2012 *A different mind: the science of autism*. Science Week at Birkbeck
- 2012 Interviewed for *Growing Children: Autism* (BBC4)
- 2008 *Babies in the Making: when and why should we intervene*, Euroscience, Barcelona

## PEER-REVIEWED PUBLICATIONS (865 Google citations, h-index 15, i10-index 21)

- Glga, T.**, Smith T., Gilhooly N., Charman T. & Johnson M.H. (in press) Early visual foraging in relationship to familial risk for autism and hyperactivity/inattention: A preliminary study. *Journal of Attention Disorders*
- Glga, T.**, Bedford, R., Charman, T., Johnson, M.H. (2015) Enhanced visual search in infancy predicts emerging autism symptoms. *Current Biology*, 25(13), 1727-1730

Media: The Times, Scientific American, ABC Australia

- Begus, K., Southgate, V. & **Gliga, T.** (2015) Neural mechanisms of infant learning: Differences in frontal theta activity during object exploration modulate subsequent object recognition. *Biology Letters*, 11(5), 20150041
- Green, J., Charman, T., Pickles, A., Wan, M. W., Elsabbagh, M., Slonims, V., Booth, R. Taylor, C., McNally, J., Booth, R. **Gliga, T.**, Jones, E.J.H., Bedford, R., & Johnson, M.H. (2015). Parent-mediated intervention versus no intervention for infants at high risk of autism: a parallel, single-blind, randomised trial. *Lancet Psychiatry* ; Media: *BBC Morning Show*; *The Guardian*
- Johnson, M.H., Jones, E.J.H. & **Gliga, T.** (2015). Brain adaptation and alternative developmental trajectories. *Development & Psychopathology*, 27, 425-442
- Wass, S.V., Jones, E.J.H., **Gliga, T.**, Smith T.J. & The BASIS Team (2015). Shorter spontaneous fixation durations in infants with later emerging autism. *Scientific Reports*, 5, 8284.
- Johnson, M.H., **Gliga, T.**, Jones, E.J.H. & Charman, T. (2015). Annual Research Review: Infant development, autism, and ADHD – early pathways to emerging disorders. *Journal of Child Psychology and Psychiatry*, 56(3), 228-47.
- Begus, K., **Gliga, T.** & Southgate, V. (2014). Infants learn what they choose to learn: Responding to Infant Pointing Leads to Superior Learning. *PLoS ONE*, 9(10), e108817
- Gliga, T.**, Jones, E.J.H., Bedford, R., Charman, T. & Johnson, M.H. (2014). From early markers to neuro-developmental mechanisms of autism. *Developmental Review*, 34(3), 189-207
- Wu, R., Swan, K., Kirkham, N. & **Gliga, T.** (2014). Ostensive signals support learning from novel attention cues during infancy. *Frontiers in Psychology*, 5, 251
- deKlerk, C., **Gliga, T.**, Charman, T., Johnson, M.H. & The BASIS Team (2014). Face engagement during infancy predicts later face recognition ability in younger siblings of children with autism. *Developmental Science*, 17(4), 596-611.
- Bedford, R., Pickles, A., **Gliga, T.**, Elsabbagh, M., Charman, T., Johnson, M. H. (2014). Additive effects of social and non-social attention during infancy relate to later Autism Spectrum Disorder. *Developmental Science*, 17(4), 612-620
- Jones, E.J.H., **Gliga, T.**, Charman, T. & Johnson, M.H. (2014). Developmental pathways to autism: a review of prospective studies of infants at risk. *Neuroscience & Biobehavioral Reviews*, 39, 1-33
- Gliga, T.**, Senju, A., Pettinato, M., Charman, T., Johnson, M.H. & The BASIS Team (2014). Spontaneous Belief Attribution in Younger Siblings of Children on the Autism Spectrum. *Developmental Psychology*, 50(3), 903-13.
- Hudry, K., Chandler, S., Bedford, R., Pasco, G., **Gliga, T.**, Elsabbagh, M., Johnson M., Charman T. (2014). Early language profiles in infants at high-risk for autism spectrum disorders. *Journal of autism and developmental disorders*, 44(1), 154-167
- Elsabbagh, M., **Gliga, T.**, Hudry, K., Charman, T. & Johnson, M.H. (2013). The development of face orienting mechanisms in infants at-risk for autism. *Behavioral Brain Research*, 251, 147-54.
- Bedford, R., **Gliga, T.**, Frame, K., Hudry, K. & the BASIS team (2013). Failure to learn from feed-back underlies word learning difficulties in toddlers at-risk for autism. *Journal of Child Language*, 40
- Bedford, R., Elsabbagh, M., **Gliga, T.**, Pickles, A., Senju, A., Charman, T. & Johnson, M.H. & The BASIS Team (2012). Precursors to social and communication difficulties in infants at-risk for autism: gaze following and attentional engagement. *Journal of autism and developmental disorders*, 42(10), 2208-18.
- Gliga, T.**, Elsabbagh, M., Hudry, K., Charman, T. & Johnson M.H. (2012). Gaze following, gaze reading and word learning in children at-risk for autism. *Child Development*, 83(3), 926-38
- Elsabbagh, M., Holmboe K., **Gliga, T.**, Mercure E., Hudry K., Charman, T., Baron-Cohen S., Bolton P., Johnson M.H. (2011) Social and attention factors during infancy and the later emergence of autism characteristics. *Progress in Brain Research*

- Gliga, T., Volein, A. & Csibra, G. (2010).** Verbal labels modulate perceptual object processing in one-year-old infants. *Journal of Cognitive Neurosciences*, 22(12), 2781-9
- Gliga, T., Andravizou, A., Elsabbagh, M. & Johnson, M.H. (2009).** Faces attract infants' attention in complex displays. *Infancy*, 14(5), 550-62.
- Bristow, D., Dehaene-Lambertz, G., Mattout, J., Soares, C., **Gliga, T.**, Baillet, S. & Mangin, F. (2009). How the infant brain matches the face it sees with the voice it hears. *Journal of Cognitive Neurosciences*, 21(5), 905-21.
- Grossmann, T.\*, **Gliga, T.\***, Johnson, M.H., & Mareschal, D. (2009). The neural basis of perceptual category learning in human infants. *Journal of Cognitive Neuroscience*, 21(12), 2276-86.
- Gliga, T. & Csibra, G. (2009).** One-year-old infants appreciate the referential nature of deictic gestures and words. *Psychological Science*, 20(3), 347-53.
- Gliga, T., Mareschal, D. & Johnson, M.H. (2008).** Ten-month-olds' selective use of visual dimensions in category learning. *Infant behavior and Development*, 31(2), 287-293
- Gliga, T., and Mareschal, D. (2007).** What can neuroimaging tell us about the early development of visual categories? *Brain, Cognition and Behavior*, 11(4), 757-764
- Gliga, T. and Csibra, G. (2007).** Seeing the face through the eyes: A developmental perspective on face expertise. *Progress in Brain Research*, 164, 323-39.
- Gliga T. and Dehaene-Lambertz G., (2007).** Development of view-invariant representations of the human head, *Cognition*, 2, 261-288
- Gliga, T. & Dehaene-Lambertz, G. (2006).** Structural encoding of body and face in human infants and adults. *Journal of Cognitive Neuroscience*, 17(8), 1328-40
- Dehaene-Lambertz, G. & **Gliga, T. (2004).** Common neural basis for phoneme processing in infants and adults. *Journal of Cognitive Neuroscience*, 16(8), 1375-87.

#### OTHER PUBLICATIONS

- Gliga, T., & Alderdice, F. (2015).** New frontiers in fetal and infant psychology. *Journal of Reproductive and Infant Psychology*, 33(5), 445-447.
- Gliga, T., Jones, E.J.H. & Johnson, M.H. (2015).** Low noise in autism: Cause or consequence? *Autism*. 19(3), 369-370
- Gliga, T. and Johnson M.H. (2014)** Infant predictors of autism spectrum disorders. *Cutting Edge Psychiatry in Practice*
- Gliga, T. and Johnson M.H. Infant predictors of autism spectrum disorders (2014).** *Cutting Edge Psychiatry in Practice*; published by SEPU NHS Foundation Trust, one of the largest providers of health care services for people with mental health problems in the UK.
- Gliga, T. (2012).** Comprendre l'autisme - la seule voie vers son depassonnement. *Medecine & Enfance*, 32(5), 203-207
- Gliga, T. (2012)** The Social Brain. In Oates, J., Johnson, M. & Karmiloff-Smith, A. *Early Childhood in Focus - Developing Brains*, The Open University.
- Gliga T. and Southgate V. (2011)** Prepared to learn about human bodies' goals and intentions (2011) In V. Slaughter & C. Brownell (Eds.) *Early Development of Body Representations*, Cambridge University Press; Cambridge Studies in Cognitive and Perceptual Development