

## Short Curriculum Vitae: Simon Baron-Cohen

### Bibliometrics

h index = 114 (Web of Knowledge) or 115 (Google Scholar); Publications 684 (Google Scholar); Citations = 63,580 (Google Scholar)

### Degrees

BA Hons Human Sciences, New College Oxford, 1978-81; PhD in Psychology, University College, London, and MRC Cognitive Development Unit, London, 1982-85; M.Phil in Clinical Psychology, Institute of Psychiatry, London, 1985-87.

### Academic Posts

Lecturer in Psychology, University College London, Dept of Psychology, 1987-88; Lecturer in Developmental Psychology, Institute of Psychiatry, London, 1988-1991; Senior Lecturer in Developmental Psychology, Institute of Psychiatry, London, 1991-1994; Lecturer in Psychopathology, University of Cambridge, Dept of Psychiatry, 1994-1999; Reader in Developmental Psychopathology, University of Cambridge, Dept of Psychiatry, 1999-2001; Professor in Developmental Psychopathology, University of Cambridge, Dept of Psychiatry, 2001+; Teaching Fellow in Experimental Psychology, Trinity College, Cambridge 1995-2007; Professorial Fellow, Trinity College, Cambridge, 2007-ongoing; Director, Cambridge Autism Research Centre (ARC), 1999-ongoing.

### Awards

The British Psychological Society (BPS), Spearman Medal, 1990; The American Psychological Association (Division 7), McCandless Award, 1990; Fellowship to the Center for Advanced Study in the Behavioral Sciences, Stanford, 1992; The British Psychological Society (Clinical Psychology Section), May Davison Award, 1993; Fellow, British Psychological Society, 1996; The British Association for the Advancement of Science (BA), Joseph Lister Lecturer, 1998; BAFTA Award: Nomination, Best DVD in off-line learning, 2002; Autism Award: Outstanding investigator, Philadelphia Autism Association/Princeton University, 2004; Vice-President, National Autistic Society, 2004-ongoing; Presidents' Award for Distinguished Contributions to Psychological Knowledge, British Psychological Society (2006); President, Psychology Section of the British Association (2007); BAFTA Award: Nomination, Best DVD in children's learning, 2007; Fellow, British Academy (2009); Fellow, American Psychological Association (2009); Lifetime Achievement Award, MENSA (2011); Andrew D White Professors-At-Large, Cornell University (2010-2015); Kanner-Asperger Medal (2013, German Society for Research into Autism/Wissenschaftliche Gesellschaft Autismus-Spektrum (WGAS), Bonn); Doctor of Science (2012) Roehampton University; Doctor of Science (2012) Abertay University.

### Local/National/International Contributions

Chair, NICE Guideline Development Group for Autism (Adults), (2010-2012); Scientific Advisor to 6 autism charities (1995-ongoing); All Party Parliamentary Group for Autism (2000-ongoing); Vice-President, International Society for Autism Research (INSAR) (2009-2011); Department of Health Program Board, Autism Strategy (2010-2013). Director of Graduate Education, Dept of Psychiatry, Cambridge University (2010-ongoing).

**Grants: 20 since 2000.** *Recent/Current Grants:* MRC Program Grant (2007-2013)  Foetal testosterone, autism and autistic traits  (£980K); Wellcome Trust (2010-2013)  Foetal testosterone effects on brain structure and function  (£280K); NIHR CLAHRC (2009-2013)  Mental Health in the NHS  (£13 million: PI: Prof Peter Jones, [co Theme Lead for the Child and Adolescent Section £400K]); EU (2012-2015)  ASC-Inclusion  (using new technology to help emotion recognition and expression in autism). 2 million euros (Cambridge partner: 500K euros); EU (2012-2015)  EU-AIMS  (autism brain imaging. Led by Prof Declan Murphy. Total award: 23 million Euros. Cambridge partner: 500K euros).

**PhD Students: 25 completed**, Wendy Phillips, (1993); Tony Charman, (1994); Fiona Scott, (1996); Therese Jolliffe, (1997); Jaime Craig, (1997); Michelle O’Riordan, (1998); Svetlana Lutchmaya, (2000); Chris Ashwin (2004); John Lawson (2004); Rebecca Knickmeyer (2005); Richard Griffin (2007); Ofer Golan (2006); Bhismadev Chakrabarti (2006); Jaclyn Billington (2007); Julian Asher (2007); Gina Owen (2008); Bonnie Auyeung (2007); Emma Chapman (2008); Carrie Allison (2009); Mike Lombardo (2010); Teresa Tavassoli (2011); Lai (2011); Lindsay Chura (2013) Caroline Robertson (2013); Stephanie Mok (expected 2013); **5 current**: Rebecca Clark-Elford (2014); Amber Ruigrok (2014); Dwaipayana Adhya (2015); Alexa Pohl (2015); Jan Freiberg (2015).

**MSc/MPhil Students:** 15 completed

**Clinical Work:** 1999-ongoing: Consultant Clinical Psychologist, NHS CPFT, Director of CLASS Clinic.

**Invited Keynote Lectures** (*Selected from over 200*)

American Neuropsychiatric Association Conference, Florida, 2001; Annual Disability Lecture, St John’s College, Cambridge, 2005; Royal Institution, London, 2004; Princeton University Autism Meeting Prize Lecture 2004; Darwin Lecture, Cambridge, 2005; Banbury Center, Cold Spring Harbor, Autism Genetics Meeting, 2006; American Association of Paediatrics, Atlanta Georgia, 2006; BPS Presidents Award, York University, 2007; The Tizard Lecture, University of Kent, 2007; House of Commons Select Committee on Science and Medicine, 2008; MIND Institute, Sacramento Distinguished Lecture Series, 2009; Royal Society Meeting on Talent in Autism, 2009; Science Museum Centennial Lecture Series, 2010 Autism Europe (Catania, Sicily), 2010; Royal Institution, Friday Discourse, 2010; Blake Marshall Lecturer Royal College of Psychiatry, 2010; Karolinska Institute, Stockholm Sweden, 2011.

**Some original contributions to research or services**

1985: The ‘theory of mind’ (ToM) hypothesis of autism; 1989: Joint-attention recognized as a key developmental precursor to ToM; 1992: Lowering the age of diagnosis of autism to 18 months old in ‘baby sibs’ using the Checklist for Autism in Toddlers (CHAT); 1994: The orbito-frontal cortex (OFC) theory of the brain basis of ToM in autism; 1996: Population study of the CHAT; 1997: The extreme male brain (EMB) theory of autism; 1997: Autism linked to parents or siblings who are high ‘systemizers’; 1997: The ‘Reading the Mind in the Eyes’ Test; 1998: Superior attention to detail in autism demonstrated; 1999: The amygdala theory of the brain basis of ToM in autism; 1999: Reliability of early diagnosis of autism established; 2000: Establishment of the Cambridge Lifespan Asperger Syndrome Service (CLASS); 2000: Neonatal sex differences in social interest; 2001: Dimensionalizing autistic traits on the Autism Spectrum Quotient (AQ); 2001: Linking mathematical talent to AQ; 2002: The prenatal testosterone theory of autism; 2002: The ‘empathizing-systemizing (E-S)’ theory of sex differences; 2002: Linking foetal testosterone (FT) to eye-contact and vocabulary development; 2002: The ‘extreme male brain’ (EMB) theory of autism; 2003: 2003: The Empathy Quotient (EQ) and Systemizing Quotient (SQ); 2005: Linking FT to social development and narrow interests; 2006: Linking FT to empathy and systemizing; 2008: Linking FT to autistic traits; 2009: Candidate genes for Asperger Syndrome, empathy and autistic traits; 2010: Elevated autistic traits linked to parents of children with autism; 2011: Development of ‘red flags’ for autism (short AQs); 2012: Linking FT to regional gray matter volume and functional activity in the typical brain. 2013: Linking FT to autism (under review). Opening of the Chitra Sethia Autism Centre, Cambridgeshire.

**Track Record**

**Selected Publications** (*10 Selected from >684 using Google Scholar on August 3rd 2013*):

Baron-Cohen, S, Leslie, A.M., & Frith, U, (1985) Does the autistic child have a “theory of mind?” *Cognition*, **21**, 37-46. Times cited: 4,039.

Baron-Cohen, S, Wheelwright, S, & Hill, J, (2001) The 'Reading the Mind in the Eyes' Test Revised Version: A study with normal adults, and adults with Asperger Syndrome or High-Functioning Autism. Journal of Child Psychiatry and Psychiatry, **42**, 241-252. Times cited: 1,329.

Baron-Cohen, S, Ring, H, Wheelwright, S, Bullmore, E, Brammer, M, Simmons, A, & Williams, S, (1999) Social intelligence in the normal and autistic brain: an fMRI study. European Journal of Neuroscience, **11**, 1891-1898. Times cited: 1,082.

Baron-Cohen, S, & Wheelwright, S, Skinner, R, Martin, J, & Clubley, E, (2001) The Autism-Spectrum Quotient: Evidence from Asperger Syndrome/high-functioning autism, males and females, scientists, and mathematicians. Journal of Autism and Developmental Disorders, **31**, 5-17. Times cited: 991.

Stone, V, Baron-Cohen, S, & Knight, R, (1998) Frontal lobe contributions to theory of mind. Journal of Cognitive Neuroscience, **10**, 640-656. Times cited: 774.

Baron-Cohen, S, & Wheelwright, S, (2004) The Empathy Quotient: An investigation of adults with Asperger Syndrome or high functioning autism, and normal sex differences. Journal of Autism and Developmental Disorders, **34**, 167-175. Times cited: 772.

Baron-Cohen, S, (2002) The extreme male brain theory of autism. Trends in Cognitive Sciences, **6**, 248-254. Times cited: 786.

Baron-Cohen, S, Jolliffe, T, Mortimore, C, & Robertson, M (1997) Another advanced test of theory of mind: evidence from very high functioning adults with autism or Asperger Syndrome. Journal of Child Psychology and Psychiatry, **38**, 813-822. Times cited: 788.

Baron-Cohen, S, Ring, H, Bullmore, E, Wheelwright, S, Ashwin, C, & Williams, S, (2000) The amygdala theory of autism. Neuroscience and Behavioural Reviews, **24**, 355-364. Times cited: 700.

Baron-Cohen, S, (1989) The autistic child's theory of mind: a case of specific developmental delay. Journal of Child Psychology and Psychiatry, **30**, 285-298. Times cited: 768.

#### **Relevant Publications from last 2 years:**

Baron-Cohen, S, Lombardo, M, Auyeung, B, Ashwin, E, Chakrabarti, B, & Knickmeyer, R, (2011) Why are Autism Spectrum Conditions more prevalent in males? Plos Biology, **9**, 1-10.

#### **Selected Publications from Nature/Science**

Nunn, J, Gregory, L, Morris, R, Brammer, M, Bullmore, E, Harrison, J, Williams, S, Baron-Cohen, S, and Gray, J, (2002) Functional magnetic resonance imaging of synaesthesia: activation of colour vision area V4/V8 by spoken words. Nature Neuroscience, **5**, 371-375.

Baron-Cohen, S, Knickmeyer, R, & Belmonte, M (2005) Sex differences in the brain: implications for explaining autism. Science, **310**, 819-823.

#### **BOOKS (Selected from 16 published)**

Baron-Cohen, S, Tager-Flusberg, H, and Cohen, D.J. (eds.) (1993) Understanding other minds: perspectives from autism. Oxford University Press.

Baron-Cohen, S, (1995) Mindblindness: an essay on autism and theory of mind. MIT Press/Bradford Books.

Baron-Cohen, S, Tager-Flusberg, H, & Cohen, D, (eds. 2000). Understanding other minds: perspectives from developmental cognitive neuroscience. Oxford University Press.

Baron-Cohen, S, (2003) The essential difference: men, women and the extreme male brain. Penguin/Basic Books.

Baron-Cohen, S, Lutchmaya, S, & Knickmeyer, R, (2005) Prenatal testosterone in mind: Studies of amniotic fluid. MIT Press/Bradford Books.

Baron-Cohen, S, (2008) Autism and Asperger Syndrome: The Facts. OUP.

Baron-Cohen, S, (2011) Zero Degrees of Empathy. Penguin/Basic Books.

Baron-Cohen, S, Tager-Flusberg, H, & Lombardo, M.V, (eds. 2013). Understanding other minds: perspectives from social cognitive neuroscience. Oxford University Press.