

Curriculum Vitae: Simon Baron-Cohen

Address and current post: Director and Professor, Autism Research Centre, Department of Psychiatry, University of Cambridge, Douglas House, 18B Trumpington Road, Cambridge, CB2 8AH, UK. Email sb205@cam.ac.uk

Overview: Professor Sir Simon Baron-Cohen investigates autism at multiple levels, from the molecular to the behavioural and clinical. He established the Autism Research Centre at Cambridge University in 1997 which has 12 programs of research, 6 in basic science and 6 in applied research. He serves as its Director. See www.autismresearchcentre.com. Three significant basic research contributions include the mindblindness theory (1995), the empathizing-systemizing (E-S) theory (2003), and the prenatal sex steroid theory (2004) of autism. His applied research includes the first major study of suicidality (2014) and vulnerability (2018) in autism, and the first proof of early diagnosis of autism at 18 months of age (1996). He has created clinical and research tools such as the Autism Spectrum Quotient (AQ, 2001) and the 'Reading the Mind in the Eyes' Test (2001). Alongside his research, in 1999 he created the first diagnosis clinic in the UK to fill a gap in late autism diagnosis in adults which has diagnosed over 1000 adults who missed out on their autism diagnosis in childhood. He gave the keynote lecture at the UN on Autism Awareness Day in 2017 on *Autism and Human Rights*. He was awarded the Medical Research Council's (MRC) Millennium Medal 2023 for his contributions to autism research.

CAREER HISTORY

a. Degrees

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

b. Academic Posts

University College London, Lecturer, Department of Psychology, 1987-88;
Institute of Psychiatry, London, Lecturer (1988-91, New Blood), Senior Lecturer (1991-94) in Developmental Psychology, Departments of Psychology and Child Psychiatry, 1988-1991;
MRC Child Psychiatry Unit, London Co-Program Lead for Autism Research, (1990-1993);
University of Cambridge, Lecturer (1994-99), Reader (1999-2001), Professor (2001+) in Developmental Psychopathology, Departments of Psychiatry and Psychology;
Trinity College, Cambridge Teaching Fellow in Experimental Psychology (1995-2007),
Professorial Fellow (2007+), Director of Studies, PBS (Psychology and Behavioural Sciences) Tripos (2018+), Graduate Tutor, Department of Psychiatry, (2010-2020)
Autism Research Centre (ARC), Cambridge University, Director, (1997+)

c. Clinical Posts

1999-2018: Consultant Clinical Psychologist NHS Cambridgeshire & Peterborough Foundation Trust (CPFT), Director, Cambridge Lifespan Autism Syndrome Service (CLASS) Clinic.

d. Bibliometrics:

h index = 233 (Google Scholar). Peer-reviewed journal publications: 757; Books = 17; Book chapters = 125. In the international ranking of academic psychologists he is ranked number 5 in the world (<https://research.com/scientists-rankings/psychology>) and has the highest H index of all autism researchers worldwide (Sweileh, W, et al, 2016, *SpringerPlus*, 5, 1480).

Sample Journal Articles

Baron-Cohen, S, et al (2005) Sex differences in the brain. *Science*, **310**, 819-823.

Baron-Cohen, S, et al (2020) Foetal oestrogens and autism. *Molecular Psychiatry*, **1-9**.

Nunn, J, .. Baron-Cohen, S, .. (2002) fMRI imaging of synaesthesia. Nature Neuroscience, **5**, 371-375.
Warrier, V... Baron-Cohen, S, ... (2022) Genetic correlates of autism. Nature Genetics, **54**, 1293-1304.
Bethlehem, R,... Baron-Cohen, S, ... (2022) Brain charts for the human lifespan. Nature, **604**, 525-533.

PROFESSIONAL RECOGNITION AND REPUTATION

A. 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 /Princeton University, 2004;
Vice-President, National Autistic Society, 2004-ongoing;
Presidents' Award for Distinguished Contributions, 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);
Doctor of Science (2012) Roehampton University;
Doctor of Science (2012) Abertay University;
Kanner-Asperger Medal (2013, German Society for Research into Autism/Wissenschaftliche Gesellschaft Autismus-Spektrum (WGAS), Bonn);
National Institute of Health Research Senior Investigator (2016-2019)
Fellow, Academy of Medical Sciences (2018)
British Psychological Society Cognitive and Developmental Psychology Distinguished Contributions Award (2019)
Knighthood, New Year's Honours List (2021)
The Blackham Medal (Humanists UK) (2022)
The Medical Research Council (MRC) Millennium Medal (2023)
Honorary Fellow of the Royal Society of Medicine (2024)

B. Grants: Approximate grant income £20M

Examples of recent grants:

Templeton World Charity Foundation (2016-2019) Genetics of autism and math ability (£2m).
Wellcome Trust Collaborative Grant (2019-2024) Autism genetics (£3m)
Simons Foundation Autism Research Initiative (SFARI) (2021-2024) Autism Prenatal Sex Differences (APEX) (\$6.4m)
EU (2018-2023) IMI, AIMS-2-TRIALS (PI: Prof D Murphy, Cambridge: £3m euros)
Autism Research Trust Project Grants (2012-2020, £10m).
Autism Centre of Excellence (ACE) at Cambridge (2023-2026) Suicide and Autism (£0.5M)
Cambridge University Development Office (CUDAR) (2024-2027), Autism Diagnosis (£1.5M)

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

Princeton University Autism Meeting Prize Lecture 2004;
Darwin Lecture, Cambridge, 2005;
MIND Institute, Sacramento Distinguished Lecture Series, 2009;
The Castang Lecture (2014) European Academy of Childhood Disability, Vienna
The Helmholtz Lecture (2013), University of Utrecht;
The Albert Neuberger Memorial Lecture, Hebrew University, 2022
The MRC Millennium Medal Lecture, London, 2024

EVIDENCE OF CONTRIBUTION TO WIDER COMMUNITY AND SOCIETY

a. National/International Contributions

Chair, Psychology Section (S6) British Academy (2015-2018)
Chair, NICE Guideline Development Group for Autism (Adults) (2010-12);
Vice President, National Autistic Society (2000+)
Membership of the All Party Parliamentary Group for Autism;
Vice-President and President, International Society for Autism Research (INSAR) (2009-2019)
Department of Health Program Board, Autism Strategy (2010-2018).
Chair, Azrieli Foundation and Brain Canada Research Funding Committee (2013).
Judge, Wellcome Trust Book Prize (2017)
Chair of Judges, Spectrum Art Prize (for autistic artists) (2018, 2019)

b. Creation of units, clinical services and charities

The Autism Research Centre, Cambridge University (1997-ongoing);
The Cambridge Lifespan Autism Spectrum Service (CLASS) (1999-2013) which became
The Chitra Sethia Autism Centre, CPFT NHS (2013-ongoing).
Founding Director and Trustee of the Autism Research Trust (2010-2022)
Founding Director and Trustee of the Autism Centre of Excellence (ACE) at Cambridge (2022+)

PhD Students: 46 completed. Those who are stayed in academia are listed below.

Tony Charman (1994), now Emeritus Professor, Institute of Psychiatry, Kings College London;
Fiona Gullon-Scott (1996), now Lecturer, Newcastle University;
Chris Ashwin (2004), now Senior Lecturer, Bath University Autism Centre;
John Lawson (2004), now Senior Lecturer, Oxford Brooke's University.
Rebecca Knickmeyer (2005), now Professor, University of North Carolina;
Richard Griffin (2007), now Associate Professor, Tufts University.
Ofer Golan (2006), now Professor, Bar Ilan University;
Bhismadev Chakrabarti (2006), now Professor, University of Reading;
Jaclyn Billington (2007), now Associate Professor, London University;
Bonnie Auyeung (2007), now Reader, University of Edinburgh.
Carrie Allison (2009), now Principal Research Associate and Deputy Director, ARC, Cambridge.
Mike Lombardo (2010), now Professor, Istituto Italiano di Tecnologia, Centre for Neurosci;
Teresa Tavassoli (2011), now Associate Professor, Reading University;
Meng-Chuan Lai (2011), now Associate Professor, University of Toronto, Hospital for Sick Kids;
Sophia Sun (2012), now Assistant Professor, Chinese University of Hong Kong;
Caroline Robertson (2013), now Assistant Professor, Dartmouth University Autism Center
Rosie Holt (2013), now Research Associate, ARC, Cambridge
Amber Ruigrok (2015), now Assistant Professor, Manchester University
Dorothea Floris (2015), now postdoc in Zurich University
Dwaipayan Adhya (2017), now Research Associate, ARC, Cambridge
Richard Bethlehem (2017), now Assistant Professor, Cambridge
Varun Warriar (2018), now Assistant Professor, Cambridge
Ezra Aydin (2019), now postdoc in Columbia University
Arkoprovo Paul (2021), now postdoc in the ARC, Cambridge
Aicha Massrali (2021), now postdoc in the ARC, Cambridge
Sarah Hampton (2021), now postdoc in Nottingham University
Tanya Procyshyn (2021), now a postdoc in the ARC, Cambridge
Alex Tsompanides (2022), now postdoc in the ARC, Cambridge
Elizabeth Weir (2022), now postdoc in the ARC, Cambridge
Nazia Jassim (2022), now postdoc in the Psychology Department, Cambridge
Saashi Bedford (2024), now a postdoc in the Psychology Department, Cambridge

MPhil Students: over 40 completed