

C. Ellie Wilson

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Education

- 2010** **PhD in Cognitive Science**
 Thesis title: Face recognition in Developmental Disorders.
 Institution: Macquarie Centre for Cognitive Science, Macquarie University, Sydney, Australia.
 Supervisors: Dr Jon Brock, Dr Romina Palermo, Prof Max Coltheart, Prof Mike Burton.
- 2005** **BSc Honours Psychology**; Degree class 2.1. Leeds University, United Kingdom.
- 2018** **CACHE Level 2 Certificate in Counselling Skills.** The Skills Network

Research Experience

- 2017 – current** **Founder of ‘Science in English’**, an English language reviewing service for scientific writing.
- 2017 – current** **External supervisor for MSc students (Education and Neuroscience) at the University of Bristol.**
 Student projects include investigations of dyslexia, dyscalculia, effectiveness of training in teaching.
- 2014 – 2017** **Individual Differences, Language and Cognition Lab, Department of Developmental and Educational Psychology, University of Seville. Spain.** I investigated sensory perception and language development in children with Autism Spectrum Disorder and Specific Language Impairment. I used eye-tracking technology to investigate sensory processing skills, including visual disengagement, multisensory temporal integration, and auditory discrimination thresholds. We developed paradigms for investigating low functioning, often nonverbal, children. I was supported by a Talentia Postdoc grant jointly funded by Junta de Andalucia and Marie Curie EU.
- 2010 – 2014** **Institute of Psychiatry, King’s College, London, UK.** Postdoctoral research fellow in the Forensic and Neurodevelopmental Science Department (led by Prof Declan Murphy). Research focused on cognitive characteristics and sensory processing experiences in autism. Also the identification of genetic and neural biomarkers for autism and related conditions.
- 2007 – 2010** **Macquarie Centre for Cognitive Science, Sydney, Australia.** Research Assistant with the Prosopagnosia Research Group.
- 2005 – 2006** **Institute of Cognitive Neuroscience, London, UK.** Research Assistant with the Clinical Psychophysiology group (led by Prof Hugo Critchley).
- 2005 – 2006** **University College London, UK.** Research Assistant with the Cognitive, Perceptual and Brain Sciences Group (led by Prof Robin Murphy).

Clinical and Teaching Experience

- 2017 – current** **Volunteer at The WomenCentre, Huddersfield.** The WomensCentre is a charitable organisation aiming to improve the wellbeing of women through the provision of emotional and practical support on a range of issues. I co-facilitate a Stress Group (with a qualified counsellor). We plan discussion sessions for small groups, each focussing on a different concept or theory, or a strategy for managing anxiety. The aim is to provide a comfortable and safe environment where women can talk about their experiences, to examine mechanisms involved in anxiety, and to explore possible strategies for coping with stress.
- 2018 – current** **Tutor on ‘Mental Health in Children and Young People’ and ‘Understanding Behaviour That Challenges’ Level 2 courses with The Skills Network.** This role involves providing feedback and information about theory, practical work and policy to adults completing the courses on line.

- 2017 – current Part-time teacher at Bristol University.** I supervise research projects and mark assignments from postgraduate students on 'Cognition and Education' and 'Brain, Mind and Education' pathways.
- 2014 – 2017 Department of Developmental and Educational Psychology, University of Seville.** Supervision of MSc dissertation projects.
- 2010 – 2014 Behavioural Genetics Clinic, Maudsley Hospital, London.** Clinical researcher working in an adult mental health clinic. Clients presented with a range of conditions including autism, ADHD, OCD, depression and anxiety. Role included conducting diagnostic assessments with patients and their families; developing and facilitating a psycho-educational course for adults with autism; working on service audits and reviews. I am trained in administering the Autism Diagnostic Interview and the Autism Diagnostic Observation Schedule.
- 2010 – 2014 Institute of Psychiatry, King's College, London.** Module leader, lecturer and tutor on the Mental Health and Learning Disabilities MSc.
- 2007 – 2009 Sydney University, Australia.** Psychology Tutor for 2nd year Health Sciences students.
- 2007 – 2009 Riverwood Montessori, Sydney.** Teacher's Aide for students with Special Educational Needs.
- 2005 – 2006 London.** Applied Behaviour Analysis Therapist for children with autism.
- 2005 – 2006 The Tutor's Group, London.** Individual tutor specialising in tutoring children with learning disabilities. Clients had a range of diagnoses from dyslexia to cerebral encephalitis, requiring flexible tutoring styles to cater for a wide variety of needs.

Publications

- Wilson CE & Saldaña D.** No evidence for atypical visual attention mechanisms in Autism Spectrum. **Autism**, 2018 doi: 10.1177/1362361318768025
- Wilson CE, Murphy CM, McAlonan G, Robertson D, Spain D, et al.** Does sex influence the diagnostic evaluation of autism spectrum disorder in adults? **Autism**, 2016. 1-12. doi: 10.1177/1362361315611381
- CM Murphy, **CE Wilson**, DM Robertson, C Ecker, EM Daly, N Hammond, A Galanopoulos, I Dud, DG Murphy, GM McAlonan. Autism spectrum disorder in adults: Diagnosis, management, and health services development. **Neuropsychiatric Disease and Treatment** 2016. 12, 1669–1686.
- Durieux AMS, Horder J, Mendez MA, Egerton A, Williams SCR, Wilson CE, Spain D, Murphy C, Robertson D, Barker GJ, Murphy D, McAlonan GM. Cortical and Subcortical Glutathione Levels in Adults with Autism Spectrum Disorder. **Autism Research**. 2016. 9(4):429-35. doi: 10.1002/aur.1522.
- Ashwood KL, Gillan N, Horder J, Hayward H, Woodhouse F, Findon J, **Wilson CE**, et al. Predicting the diagnosis of autism in adults using the Autism-Spectrum Quotient (AQ) questionnaire. **Psychological Medicine**. 2016 46(12):2595-604. doi: 10.1017/S0033291716001082.
- De Jong S, Newhouse SJ, Patel H, Lee S, Dempster D, Curtis C, Paya-Cano J, Murphy D, **Wilson CE**, et al., Immune signatures and disorder-specific patterns in a cross-disorder gene expression analysis. **The British Journal of Psychiatry**. 2016. 1–7. doi: 10.1192/bjp.bp.115.175471
- Tropeano M, Howley D, Gazzellone MJ, **Wilson CE**, Ahn JW, Stravropoulos DJ, et al. Microduplications at the pseudoautosomal SHOX locus in autism spectrum disorders and related neurodevelopmental conditions. **J of Medical Genetics**. 2016. DOI: 10.1136/jmedgenet-2015-103621
- Russell AJ, Murphy CM, **Wilson CE**, Gillan N, Brown C, et al. The mental health of individuals referred for assessment of autism spectrum disorder in adulthood: A clinic report. **Autism**. 2015. 1-5. DOI:10.1177/136236131560427

- Wilson CE**, Happe F, Wheelwright S, Ecker C, Lombardo M et al. The neuropsychology of male adults with high-functioning autism or Asperger Syndrome. **Autism Research**. 2014. 7; 568-561
- Horder J, **Wilson CE**, Mendez Hernandez A, Murphy DGM. Autistic Traits and Abnormal Sensory Experiences in Adults. **J Autism and Developmental Disorders**. 2014. 44(6), 1461-1469.
- Wilson CE**, Gillan N, Spain D, Robertson D, et al. Comparison of ICD-10R, DSM-IV-TR and DSM-5 in an Adult Autism Spectrum Disorder Diagnostic Clinic. **J Autism and Developmental Disorder**. 2013. 43(11); 2515-2525.
- Wilson CE**, Roberts G, Gillan N, Ohlsen C, Robertson D, Zinkstok J. The NICE guideline on recognition, referral, diagnosis and management of adults on the autism spectrum. **Advances in Mental Health and Intellectual Disabilities**. 2013. 8(1), 3-14.
- Wilson CE**, Brock J, Palermo R. Visual scan paths and facial identity recognition in autism spectrum disorder. **PLoS ONE**. 2012. 7(5):e37681.
- Wilson CE**, Brock J, Palermo R. Recognition of own- and other-race faces in autism spectrum disorders. **Quarterly Journal of Experimental Psychology**. 2011. 64(10), 1939-1954.
- Palermo R, Rivolta D, **Wilson E**, Jeffery L. Adaptive face space coding in congenital prosopagnosia: Typical figural after effects but abnormal identity aftereffects. **Neuropsychologia**, 2011. 49(14), 3801-3812.
- Palermo R., Willis M, Rivolta D, McKone E, **Wilson CE**, Calder AJ. Impaired holistic coding of facial expression and facial identity in congenital prosopagnosia. **Neuropsychologia**, 2011. 49 (5), 1226-1235.
- Susilo T, McKone E, Dennett H, Darke H, Palermo R, Hall A, Pidcock M, Dawel A, Jeffery L, **Wilson CE**, Rhodes G. Face recognition impairments despite normal holistic processing and face space coding: Evidence from a case of developmental prosopagnosia. **Cognitive Neuropsychology**, 2011. 27, 636-664.
- Wilson CE**, Brock J, Burton AM, Palermo R. Learning new faces in typically developing children and children on the autistic spectrum. **Perception**, 2010. 39, 1645-1658.
- Wilson CE**, Palermo R, Schmalzl L, Brock J. Specificity of impaired facial identity recognition in children with suspected developmental prosopagnosia. **Cognitive Neuropsychology**, 2010. 27(1), 30-45.
- Wilson CE**, Freeman P, Brock J, Burton AM, Palermo R. Facial identity recognition in the broader autism phenotype. **PLoS ONE**, 2010. 5(9): e12876.
- Wilson CE**, Brock J, Palermo R. Attention to social stimuli and facial identity recognition skills in autism spectrum disorder. **Journal of Intellectual Disability Research**, 2010. 54, 1104-1115.
- Bowles DC, McKone E, Dawel A, Duchaine B, Palermo R, Schmalzl L, Rivolta D, **Wilson CE**, Yovel G. Diagnosing prosopagnosia: Effects of aging, sex, and participant-stimulus ethnic match on the Cambridge Face Memory Test and Cambridge Face Perception Test. **Cognitive Neuropsychology**, 2009. 26(5), 423-455.
- Harrison NA, **Wilson CE**, Critchley HD. Incidental processing of pupil size modulates perception of sadness and predicts empathy. **Emotion**, 2007. 7, 724-729.

Conference Presentations

- Wilson CE & Saldaña D** (May 2016). Temporal integration of visual-auditory stimuli in Autism Spectrum Disorder. Oral presentation at **The International Meeting of the Psychonomic Society**. Granada, Spain.

- Wilson CE** (April 2014). A cat amongst diagnostic pigeons: the impact of DSM-5 on rates of autism diagnosis. 'Continuing Professional Development Event, Neurodevelopmental Disorders'. South London & Maudsley Trust.
- Wilson CE** et al. (March 2013). Comparison of ICD-10R, DSM-IV-TR and DSM-5 in an Adult Autism Spectrum Disorder Diagnostic Clinic. National Autism Society Professionals Conference, Harrogate, UK.
- Wilson CE**, Coghlan S, Craig M, Deeley PQ, Robertson DM, Murphy DGM. (May 2012). Prevalence of co-morbid psychiatric conditions in an adult population assessed for autism spectrum disorder. International Meeting for Autism Research (IMFAR), Toronto, Canada.
- Gillan N, Murphy CM, Robertson D, Spain D, Doyle MJ, **Wilson CE**, Ecker C, Daly E, D'Almeida V, Murphy DG. (May 2011). A preliminary investigation of service transition as people with autism spectrum disorder move from childhood into young adulthood. IMFAR, San Diego, USA.
- Wilson CE**, Brock J, Palermo R. (May 2011). Visual scanning strategies and face recognition in autism spectrum disorders. IMFAR, San Diego, USA.
- Robertson D, **Wilson CE**, Murphy CM, Doyle MJ, Spain D, Ecker C, Daly E, Murphy DG. (May 2011). Genetic abnormalities in people with autism spectrum disorder (ASD) presenting to clinical services. IMFAR, San Diego.
- Gillan N, Murphy CM, Robertson D, Spain D, Doyle MJ, **Wilson CE**, Ecker C, Daly E, D'Almeida V, Murphy DG. (May 2011). A preliminary investigation of service transition as people with autism spectrum disorder move from childhood into young adulthood. IMFAR, San Diego, USA.
- Wilson CE**, Brock J, Palermo R. (September 2010). Facial identity recognition in the broader autism phenotype. Paper presented at The Third Autism Neuroscience Conference, Autism Research Centre, Cambridge, UK.
- Wilson CE**, Brock J, Palermo R. (April 2010). Visual scanning strategies and facial identity recognition in Autism Spectrum Disorder. The 37th Experimental Psychology Conference, Melbourne, Australia.
- Wilson CE**, Brock J, Palermo R. (December 2009). What contributes to successful face recognition in autism spectrum disorders? Macquarie University Postgraduate Showcase, Sydney, Australia.
- Wilson CE**, Brock J, Burton M, Palermo R. (September 2009). Facial Identity Recognition in Autism Spectrum Disorder: Different levels of ability and different styles of learning. Developmental Section, British Psychology Society, Nottingham, UK.
- Wilson CE**, Brock J, Burton M, Palermo R. (August 2009). Facial Identity Recognition in Autism Spectrum Disorder. Asia Pacific Autism Conference, Sydney, Australia.

Grants and Prizes Awarded

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| 2018 | First prize for best publication by a young researcher from Psicología Sevilla, University of Seville |
| 2014 | Talentia Postdoc Program Incoming Mobility Scheme, co-funded by the European Union's Seventh Framework Program, Marie Skłodowska-Curie actions (COFUND – Grant Agreement n ^o 267226) and the Ministry of Economy, Innovation, Science and Employment of the Junta de Andalucía. This included a stipend (€104,000), mobility costs (€5000) and living allowance (€17,000) |
| 2010 | Macquarie University Higher Degree Research Excellence Award (\$200) |
| 2009 | Macquarie University Postgraduate Research Fund (\$4000) to attend Cold Spring Harbor Workshop on Autism Spectrum Disorders, New York. |
| 2007 - 2009 | Macquarie Centre for Cognitive Science Postgraduate Research Grant (\$11,700) |
| 2006 – 2010 | Macquarie University Research Excellence Scholarship (\$19,616 / annum). |