

## Emily Kate Farran

### PUBLICATIONS Nov 2011

- Courbois, Y., Blades, M., Farran, E.K., Sockeel, P. (under review). Do individuals with intellectual disability select appropriate objects as landmarks when learning a route? *Journal of Intellectual Disabilities*.
- Farran, E.K., Courbois, Y., Van Herwegen, J., Cruickshank, A.G., Blades, M. (under review). Colour as an environmental cue when learning a route in a virtual environment; typical and atypical development. *Research in Developmental Disabilities*
- Hudson, K. & Farran, E.K. (under review). Looking around houses: Attention to a model when drawing complex shapes in Williams syndrome and typical development. *British Journal of Developmental Psychology*.
- O'Leary, B. & Farran, E.K. (under review). Children's ability to bind and maintain colour-location conjunctions: the effect of spatial language cues. *Cognitive Development*.
- Purser, H., Farran, E.K., Courbois, Y., Lemahieu, A., Sockeel, P., Blades, M. (under review). The importance of executive control for children's route learning. *Journal of Experimental Psychology; Learning, Memory, and Cognition*.
- Farran, E.K., Courbois, Y., Van Herwegen, J., Blades, M. (in press). How useful are landmarks when learning a route in a virtual environment? Evidence from typical development and Williams syndrome. *Journal of Experimental Child Psychology*
- Farran, E.K. & Brosnan, M. (2011). Perceptual grouping abilities in individuals with Autism Spectrum Disorder; the importance of grouping type and of development. *Autism Research, 4*, 283-292.
- Hudson, K. & Farran, E.K. (2011). Drawing the Line: Graphic Strategies for Simple and Complex Shapes in Williams Syndrome and Typical Development. *British Journal of Developmental Psychology, 29*, 687-706.
- Mengue-Topio, H. Courbois, Y., Farran, E.K., Sockeel, P. (2011). Route learning and shortcut performance in adults with intellectual disability: A study with virtual environments. *Research in developmental disabilities, 32*, 345-352.
- Van Herwegen, J., Farran, E.K., Annaz, D. (2011). Item and error analysis on Raven's Coloured Progressive Matrices in Williams Syndrome. *Research in Developmental Disabilities, 32*, 93-99.
- Farran, E.K., Branson, A. & King, B.J. (2011). Visual search for basic emotional expressions; impaired detection of anger, fear and sadness, but a typical happy face advantage in autism. *Research in Autism Spectrum Disorders, 5*, 455-462.
- Freeman, K., Williams, T.I., Farran, E.K. & Brown, J.H. (2010). Williams syndrome: the extent of agreement between parent and self report of psychological difficulties. *European Journal of Psychiatry, 24*, 167-175.
- Farran, E.K., Blades, M., Boucher, J. & Tranter, L.J. (2010). How do Individuals with Williams Syndrome Learn a Route in a Real World Environment? *Developmental Science, 13*, 454-468.
- Farran, E., Courbois, Y., & Cruickshank, A. (2009). Learning a route in a virtual environment: The effects of differing cues on the performance of typical children and individuals with Williams syndrome. *Cognitive Processing, 10*, S152-S153.
- Formby, S., & Farran, E. (2009). Visual search and visual feedback in Williams syndrome and typical development. *Cognitive Processing, 10*, S167-S167.
- Hudson, K., & Farran, E. (2009). Graphic strategies in Williams syndrome and typically developing children. *Cognitive Processing, 10*, S154-S155.
- Farran, E.K., Whitaker, A. & Patel, N. (2009). The effect of pictorial depth information on retinal size judgements. *Perception and Psychophysics, 71*, 207-214.
- Farran, E.K. (2008). Strategies and biases in location memory in Williams syndrome. *Research in Developmental Disabilities, 29*, 385-397.
- Farran, E.K., Brown, J.H., Cole, V.L., Houston-Price, C & Karmiloff-Smith, A. (2008) A longitudinal study of perceptual grouping by proximity, luminance and shape in infants at two, four, six and eight months. *European Journal of Developmental Science, 2*, 353-369.
- Farran, E.K. & Cole, V.L. (2008). Perceptual grouping and distance estimates in Williams syndrome: Comparing performance across perception, drawing and construction Tasks. *Brain and Cognition, 68*, 157-165.
- Stinton, C., Farran, E.K. and Courbois, Y. (2008). Mental rotation in Williams syndrome: an impaired imagery ability. *Developmental Neuropsychology, 33*, 565-583.
- Farran, E.K., Brown, J.H., Cole, V.L., Houston-Price, C & Karmiloff-Smith, A. (2007). The development of perceptual grouping in infants with Williams syndrome. *European Journal of Developmental Science, 1*, 253-271 .
- Farran, E.K. (2007). Williams syndrome. *Psychology Review, 13*, 18-19.
- Brock, J., Jarrold, C., Farran, E.K., Laws, G. & Riby, D.M. (2007). Do children with Williams syndrome really have good vocabulary knowledge? Methods for comparing cognitive and linguistic abilities in developmental disorders. *Journal of Clinical Linguistics and Phonetics, 21*, 273-688.
- Farran, E.K. & Wilmot, K. (2007). Texture segmentation in Williams Syndrome. *Neuropsychologia, 45*, 1109-1018.
- Farran, E.K. (2006). Orientation coding: A specific deficit in Williams syndrome? *Developmental Neuropsychology, 29*, 397-414.
- Farran, E.K. (2005). Perceptual grouping ability in Williams syndrome: Evidence for deviant patterns of performance. *Neuropsychologia, 43*, 815-822
- Farran, E.K., & Jarrold, C. (2005) Evidence for unusual spatial location coding in Williams syndrome: An explanation for the local bias in visuo-spatial construction tasks? *Brain and Cognition, 59*, 159-172
- Farran, E.K., & Jarrold, C. (2004). Exploring block construction and mental imagery: Evidence of atypical orientation discrimination in Williams syndrome. *Visual Cognition, 11*, 1019-1040
- Farran, E.K. & Jarrold, C. (2003). Visuo-spatial cognition in Williams syndrome; Reviewing and accounting for the strengths and weaknesses in performance. *Developmental Neuropsychology, 23*, 175-202
- Farran, E.K., Jarrold, C. & Gathercole, S.E. (2003). Divided attention, selective attention and drawing: Processing preferences in Williams syndrome are dependent on the task administered, *Neuropsychologia, 41*, 676-687
- Farran, E.K., Jarrold, C. & Gathercole, S.E. (2001). Block design performance in the Williams syndrome phenotype: A problem with mental imagery? *Journal of Child Psychology and Psychiatry, 42*, 719-728.

### Reviews

- Farran, E.K. (2004) Development and learning, M. Wolraich (Ed.). *Child & Adolescent Mental Health, 9*, 198-198.

### Book chapters

- Camp, J., Farran, E.K. & Karmiloff-Smith, A. (in press). Numeracy. In Farran, E.K. and Karmiloff-Smith, A. (Eds). *Neurodevelopmental Disorders Across the Lifespan: A Neuroconstructivist Approach. Oxford University Press*
- Hudson, K. & Farran, E.K. (in press) Executive function and motor planning. In Farran, E.K. and Karmiloff-Smith, A. (Eds). *Neurodevelopmental Disorders Across the Lifespan: A Neuroconstructivist Approach. Oxford University Press*

Farran, E.K. & Formby, S. (in press) Processing Styles and Strategy use in the Development of Visual Perception and Visuo-spatial Cognition. In Farran, E.K. and Karmiloff-Smith, A. (Eds). *Neurodevelopmental Disorders Across the Lifespan: A Neuroconstructivist Approach*. Oxford University Press

#### **Books**

Farran, E.K. and Karmiloff-Smith, A. (Eds) (in press). *Neurodevelopmental Disorders Across the Lifespan: A Neuroconstructivist Approach*. Oxford University Press

#### **CONFERENCE CONTRIBUTIONS**

##### **Recent conference presentations include:**

Symposium organiser and chair: Domain-General influences on Domain-specific processes in typical and atypical development. *British Psychological Society Developmental Section Annual Conference, Newcastle, September, 2011*.

Farran, E.K., Purser, H., Courbois, Y., Blades, M., Sockeel, P. (2011). Comparing the development of route-learning ability across Williams syndrome, Down syndrome and Typical Development; the role of executive function. *British Psychological Society Developmental Section Annual Conference, Newcastle, September, 2011*.

Farran, E.K., Purser, H., Courbois, Y., Van Herwegen, J., Blades, M. (2011). Learning a Route through a Virtual Environment; Error Patterns and Recall of Landmarks in Typical and Atypical Development. *Society for Research in Child Development Conference, Montreal, March, 2011*

##### **Recent invited presentations include:**

Farran, E.K. (2011). Visual & spatial abilities in Williams syndrome. *Invited speaker. Regional Convention of the Williams Syndrome Foundation, UK, October, 2011*.

Farran, E.K. (2011). The development of route learning abilities in typical and atypical development. *Invited speaker. CBCD External seminar series. Birkbeck, June, 2011*.

Farran, E.K. (2011). Spatial cognition and spatial language. *Invited speaker, Developmental Neurocognition Lab seminar series, Birkbeck, May, 2011*.

Farran, E.K. (2011). Exploring typical and atypical development of route learning in virtual and real-world environments; how important are landmarks? *Invited speaker, Goldsmith's University Psychology Department seminar series, March, 2011*.

Farran, E.K. (2010). Visuo-spatial cognition in WS: characteristics of small-scale and large-scale task performance. *Invited speaker. University of Newcastle Psychology Department seminar series, November, 2010*.

Farran, E.K. (2009). Route learning in typical and atypical development; Using landmarks, remembering the sequential order of turns, and understanding the spatial relationship between locations on a route. Keynote speech as winner of the Neil O'Connor award. *British Psychological Society Developmental Section Annual Conference, September 2009*.

#### **PROFESSIONAL ACTIVITIES OUTSIDE THE UNIVERSITY**

Member of the Experimental Psychology Society

External PhD examiner: University of Stirling, 2007; University of Oxford, 2011

External examiner: Speech Science and Speech Communication, UCL. 2006-2011

Conference organiser. The 3<sup>rd</sup> Williams Syndrome Workshop, Reading, 2006.

Scientific American Mind, 17(4), p. 9: 'Babies Organise Sight' 2006.

Member of Editorial Board: Developmental Neuropsychology

Reviewer for: American Journal on Mental Retardation, British Journal of Developmental Psychology, Cognitive Processing, Cortex, Developmental Medicine & Child Neurology, Developmental Neuropsychology, Developmental Science, Journal of Child Psychology and Psychiatry, Memory, Mind and Language, Neuropsychology, Neuropsychologia, Vision research, Pearson Education, British Academy, ESRC, BBSRC, MRC, Agence Nationale de la Recherche (ANR), GIS-Institut des Maladies Rares.