

CV: Sarah J. WHITE

School of Psychology
University of Leicester
Lancaster Road
Leicester
LE1 9HN
UK

Tel: +44 (0) 116 2297181
Fax: +44 (0) 116 2297196
Email:
s.j.white@le.ac.uk or s.j.white@dunelm.org.uk
Homepage:
www.le.ac.uk/departments/psychology/ppl/sjw92

Degrees

<i>Institution</i>	<i>Dates</i>	<i>Qualifications</i>
University of Durham	2000-2003	PhD
University of Durham	1997-2000	BSc Psychology Hons. (I)

PhD Title: Non-foveal Text Processing and Landing Positions in Reading.
Supervisor: Prof. S.P. Liversedge

Academic employment

Sept 2006 – present: Lecturer, University of Leicester
Oct 2003 – Aug 2006: Research Associate, University of Durham (BBSRC)

Publications

Articles in refereed Journals

- White, S.J., Hirotsu, M., & Liversedge, S.P. (in press). Eye movement behaviour during reading of Japanese sentences: Effects of word length and visual complexity. *Reading and Writing*
- White, S.J., & Staub, A. (in press). The distribution of fixation durations during reading: Effects of stimulus quality. *Journal of Experimental Psychology: Human Perception and Performance*
- White, S.J., Warren, T., & Reichle, E.D. (2011). Parafoveal preview during reading: Effects of sentence position. *Journal of Experimental Psychology: Human Perception and Performance*, 37, 1221-1238.
- Staub, A., White, S.J., Drieghe, D., Hollway, E.C., & Rayner, K. (2010). Distributional effects of word frequency on eye fixation durations. *Journal of Experimental Psychology: Human Perception and Performance*, 36, 1280-1293.
- Blythe, H.I., Liversedge, S.P., Joseph, H.S.S.L., White, S.J., & Rayner, K. (2009). Visual information capture during fixations in reading for children and adults. *Vision Research*, 49, 1583-1591.
- Joseph, H.S.S.L., Liversedge, S.P., Blythe, H.I., White, S.J., & Rayner, K. (2009). Word length and landing position effects during reading in children and adults. *Vision Research*, 49, 2078-2086.
- Warren, T., White, S.J., & Reichle, E.D. (2009). Investigating the causes of wrap-up effects: Evidence from eye movements and E-Z Reader. *Cognition*, 111, 132-137.
- Joseph, H.S.S.L., Liversedge, S.P., Blythe, H.I., White, S.J., Gathercole, S.E., & Rayner, K. (2008). Children's and adults' processing of anomaly and implausibility during reading: Evidence from eye movements. *Quarterly Journal of Experimental Psychology*, 61, 708-723.
- Juhasz, B.J., White, S.J., Liversedge, S.P., & Rayner, K. (2008). Eye movements and the use of parafoveal word length information in reading. *Journal of Experimental Psychology: Human Perception and Performance*, 34, 1560-1579.
- White, S. J. (2008). Eye movement control during reading: Effects of word frequency and orthographic familiarity. *Journal of Experimental Psychology: Human Perception and Performance*, 34, 205-223.
- White, S.J., Bertram, R., & Hyönä, J. (2008). Semantic processing of previews within compound words. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 34, 988-993.
- White, S.J., Johnson, R.L., Liversedge, S.P., & Rayner, K. (2008). Eye movements when reading transposed

text: The importance of word beginning letters. *Journal of Experimental Psychology: Human Perception and Performance*, 34, 1261-1276.

- Paterson, K.B., Liversedge, S.P., Filik, R., Juhasz, B.J., White, S.J., & Rayner, K. (2007). Focus identification during sentence comprehension: Evidence from eye movements. *Quarterly Journal of Experimental Psychology*, 60, 1423-1445.
- Blythe, H.I., Liversedge, S.P., Joseph, H.S.S.L., White, S.J., Findlay, J.M., & Rayner, K. (2006). The binocular co-ordination of eye movements during reading in children and adults. *Vision Research*, 46, 3898-3908.
- Juhasz, B.J., Liversedge, S.P., White, S.J., & Rayner, K. (2006). Binocular coordination of the eyes during reading: Word frequency and case alternation affect fixation duration but not fixation disparity. *Quarterly Journal of Experimental Psychology*, 59, 1614-1625.
- Liversedge, S.P., Rayner, K., White, S.J., Findlay, J.M., & McSorley, E. (2006). Binocular coordination of the eyes during reading. *Current Biology*, 16, 1726-1729.
- Liversedge, S.P., White, S.J., Findlay, J.M., & Rayner, K. (2006). Binocular coordination of eye movements during reading. *Vision Research*, 46, 2363-2374.
- Rayner, K., Liversedge, S.P., & White, S.J. (2006). Eye movements when reading disappearing text: The importance of the word to the right of fixation. *Vision Research*, 46, 310-323.
- Rayner, K., White, S.J., Johnson, R.L., & Liversedge, S.P. (2006). Reading words with jumbled letters: There is a cost. *Psychological Science*, 17, 192-193.
- White, S.J., & Liversedge, S.P. (2006). Linguistic and nonlinguistic influences on the eyes' landing positions during reading. *Quarterly Journal of Experimental Psychology*, 59, 760-782.
- White, S.J., & Liversedge, S.P. (2006). Foveal processing difficulty does not modulate non-foveal orthographic influences on fixation positions. *Vision Research*, 46, 426-437.
- White, S.J., Rayner, K., & Liversedge, S.P. (2005). Eye movements and the modulation of parafoveal processing by foveal processing difficulty: A re-examination. *Psychonomic Bulletin & Review*, 12, 891-896.
- White, S.J., Rayner, K., & Liversedge, S.P. (2005). The influence of parafoveal word length and contextual constraint on fixation durations and word skipping in reading. *Psychonomic Bulletin & Review*, 12, 466-471.
- Liversedge, S.P., Rayner, K., White, S.J., Vergilino-Perez, D., Findlay, J.M., & Kentridge, R.W. (2004). Eye movements when reading disappearing text: is there a gap effect in reading? *Vision Research*, 44, 1013-1024.
- White, S.J., & Liversedge, S.P. (2004). Orthographic familiarity influences initial eye fixation positions in reading. *European Journal of Cognitive Psychology*, 16, 52-78.
- Findlay, J.M., & White, S.J. (2003). Serial programming for saccades: Does it all add up? *Behavioural and Brain Sciences*, 26, 483-484.
- Liversedge, S.P., & White, S.J. (2003). Psycholinguistic processes affect fixation durations and orthographic information affects fixation locations: Can E-Z Reader cope? *Behavioural and Brain Sciences*, 26, 492-493.
- Rayner, K., Liversedge, S.P., White, S.J., & Vergilino-Perez, D. (2003). Reading disappearing text: Cognitive control of eye movements. *Psychological Science*, 14, 385-388.

Peer Reviewed Book Chapters

- Kirkby, J.A., White, S.J., & Blythe, H.I. (2011). Binocular coordination during reading. In S. P. Liversedge, I. D. Gilchrist, & S. Everling (Eds.), *Oxford handbook on eye movements* (pp. 801-817). Oxford, England: Oxford University Press.
- White, S.J. (2007). Foveal load and parafoveal processing: The case of word skipping. In R. van Gompel, M. Fischer, W. Murray, & R. Hill (Eds.), *Eye movements: A window on mind and brain* (pp. 409-424). Oxford: Elsevier.
- Rayner, K., White, S.J., Kambe, G., Miller, B., & Liversedge, S.P. (2003). On the processing of meaning

from parafoveal vision during eye fixations in reading. In J. Hyönä, R. Radach, & H. Deubel (Eds). *The Mind's Eye: Cognitive and Applied Aspects of Eye Movement Research* (pp. 213-234). Amsterdam: Elsevier.

Current national and international collaborators

Prof. Keith Rayner, University of California, San Diego, USA.
Dr. Erik Reichle and Dr. Tessa Warren, University of Pittsburgh, USA.
Dr. Adrian Staub, University of Massachusetts, Amherst, USA.
Dr. Barbara Juhasz, Wesleyan University, USA.
Dr. Masako Hirotsu, Carleton University, Canada.
Prof. Simon Livesey and Dr. Denis Drieghe, University of Southampton, UK.
Dr. Ruth Filik, University of Nottingham, UK.
Dr. Kevin Paterson, University of Leicester, UK.

Presentations

A full list of conference presentations can be found at:

<http://www2.le.ac.uk/departments/psychology/ppl/sjw92/conferences>

Work has been presented at international conferences (e.g. European Conference on Eye Movements, Annual Meetings of the Psychonomic Society), national conferences (e.g. Experimental Psychology Society, UK Orthography Group) and invited talks at other universities (e.g. University of Edinburgh; University of Pittsburgh, USA; University of Turku, Finland.).

Awards and responsibilities

Awards / bursaries

University of Durham Gabbett Final Year Prize in Psychology, June 2000.

Durham University Millennium PhD Studentship, October 2000.

Experimental Psychology Society: Study Visit Grant for research visit to the University of Massachusetts (Autumn 2002), various grants for conference travel costs.

Experimental Psychology Small Grant, April 2011.

Nuffield Undergraduate Research Bursary, summer 2011.

Responsibilities

Reviewed for book chapters, the Economic and Social Research Council, and for the following journals: Applied Cognitive Psychology, Cognition, European Journal of Cognitive Psychology, Experimental Psychology, Journal of Experimental Psychology: Human Perception and Performance, Journal of Experimental Psychology: Learning, Memory and Cognition, Language and Cognitive Processes, Memory, Psychological Bulletin, Psychological Review, Quarterly Journal of Experimental Psychology, Reading and Writing, Vision Research.

Internal examiner for PhD theses, University of Leicester: December 2009, May 2011.

Membership of Professional Bodies

Experimental Psychology Society, UK (January 2007 – present).

Psychonomic Society, USA, (April 2005 -present).