

# daniel c. richardson curriculum vitae

## **Affiliation:**

Department of Experimental Psychology  
University College London

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## **Current Position**

Reader, University College London

## **Previous Positions**

2008-2015: Senior Lecturer, University College London

2008-2010: Lecturer, University College London

2007-2008: Lecturer, University of Reading

2005-2008: Assistant Professor, UC Santa Cruz

2003-2005: Postdoctoral research scholar at the Psychology Department of Stanford University and lecturer in the Symbolic Systems Program.

## **Education**

2003 - PhD in Psychology, Cornell University, Department of Psychology.

1997 - BA in Psychology and Philosophy, Magdalen College, Oxford University.

## **Honours & Fellowships**

2015, UCL Provost's Team Teaching Award, Team teaching

2010, UCL Provost's Early Career Teaching Award

2007, Richardson, Dale & Kirkham (2007) is an Editor's Choice article in *Science* (May 23rd)

2005, Co-winner (with Natasha Kirkham), Division of Experimental Psychology Young Investigator Awards in Experimental Psychology: General

## **Research Interests**

Cognition in a social context, collective behaviour, gaze and body movements during language use and cognitive processing, perceptual-motor representations in cognition, spatial indexing in adults and infants, collective behaviour and coordinated action.

## **Recent Grants**

2014, Awarded ESRC Transformative Grant (£250,000 over two years) as co-investigator with G. Orgs (Brunel University) for *Synchronous movement cooperation and the performing arts*

2014, Awarded Wellcome Trust People Award for public engagement, £30,000 over two years for *Exploring the Group Mind with Mass Participation Experiments*, with Jorina von Zimmermann.

2014, Awarded £13,849 from the SLMS Education Innovation Fund to develop Psych 1107 module

2010, Awarded European Collaborative Research in Experimental Pragmatics grant, €4000 with P. Rubio-Fernandez (Princeton) & S. Butterfill (Warwick).

2009, Awarded Leverhulme Trust grant (£84162 over two years) for 'Cognition in a Social Context'. Sole PI.

## Keynote Addresses

- Plenary address to the *International Symposium on Perception, Action, and Cognitive Systems*, Seoul National University, South Korea, 2015
- Cognitive Science Conference, symposium speaker, *Cognitive Science and Society*, LA, 2015
- European Association for Research on Learning and Instruction, Rotterdam, 2014
- European Conference on Eye Movements, Keynote speaker, Lund 2013
- Cognitive Science Conference, Keynote symposium speaker, Berlin 2013
- Swedish Applied Eye Tracking Conference (SWAET), Keynote speaker, Stockholm, 2012
- North Western Cognition and Memory (NOWCAM), Keynote speaker, Vancouver 2011

## Books

- Richardson, D.C. (2014) *Social Psychology for Dummies*, Wiley.
- Kokinov, B., Richardson, D.C., Roth-Berghofer, T.R., Vieu, L. (Eds.) (2007) 6th *International and Interdisciplinary Conference, CONTEXT 2007, Lecture Notes in Computer Science*. Springer: Berlin / Heidelberg

## Published Journal Papers

- von Zimmermann, J., & Richardson, D. C. (2016). Verbal Synchrony and Action Dynamics in Large Groups. *Frontiers in Psychology*, 7. doi:10.3389/fpsyg.2016.02034
- Risko, E. F., Richardson, D. C., & Kingstone, A. (2016). Breaking the fourth wall of cognitive science: Real-world social attention and the dual function of gaze. *Current Directions in Psychological Science*, 25, 70-74.
- Pärnamets, P. Johansson, P., Hall, L., Balkenius, C., Spivey, M.J. & Richardson, D.C. (2015) Biasing moral decisions by exploiting the dynamics of eye gaze, *Proceedings of the National Academy of Sciences*, 112 (13) 4170–4175.
- Gobel, MS, Kim, H.S., & Richardson D.C. (2015). The Dual Function of Social Gaze. *Cognition*. 136, 359-364. doi: 10.1016/j.cognition.2014.11.040
- Street, C. N. H., & Richardson, D. C. (2015). The Focal Account: Indirect Lie Detection Need Not Access Unconscious, Implicit Knowledge. *Journal of Experimental Psychology: Applied*
- Street, C. N. H., & Richardson, D. C. (2015). Descartes Versus Spinoza: Truth, Uncertainty, and Bias. *Social Cognition*, 33(3), 227–239. <http://doi.org/10.1521/soco.2015.33.2.2>
- Ashton-James, C.E, Richardson, D.C., Williams, A.C., Bianchi-Berthouze, N. Dekker, P.H. (2014) The Impact of Pain Behaviors on Evaluations of Warmth and Competence, *Pain* 155 (pp. 2656-61)
- Street, C. N. H., & Richardson, D. C. (2014). Lies, Damn Lies, and Expectations: How Base Rates Inform Lie-Truth Judgments. *Applied Cognitive Psychology*, 29(1), 149–155.
- Duran, N.D., Dale, R., Richardson, D.C. (2014). A mass assembly of associative mechanisms: A dynamical systems account of natural social interaction. *Behavioural and Brain Sciences*, 37 (2), 198-199.
- Dale, R., Fusaroli, R., Duran, N. D., & Richardson, D. C. (2013). The self-organization of human interaction. In B. H. Ross (Ed.), *The Psychology of Learning and Motivation* (pp. 43–96). Elsevier Inc., Academic Press.

- Duran N.D., Dale R., Kello C.T., Street C.N.H. & Richardson D.C. (2013). Exploring the movement dynamics of deception. *Frontiers in Cognitive Science*. 4:140. doi: 10.3389/fpsyg.2013.00140
- Richardson, D. C., Street, C. N. H., Tan, J. Y. M., Kirkham, N. Z., Hoover, M. A., & Ghane Cavanaugh, A. (2012). Joint perception: gaze and social context. *Frontiers in Human Neuroscience*, 6
- Kirkham, N.Z, Richardson, D. C., Wu, R. & Johnson, S.J. (2012) The importance of 'what': Infants use featural information to index events, *Journal of Experimental Child Psychology*, 113, 430-9.
- Dale, R., Kirkham, N.Z., & Richardson D.C. (2011). The Dynamics of Reference and Shared Visual Attention, *Frontiers in Cognition*, 2, 355.
- Bird, G., Press, C., Richardson, D. C. (2011) The role of alexithymia in reduced eye-fixation in Autism Spectrum Conditions. *Journal of Autism and Developmental Disorders*.
- Press, C., Richardson, D.C. & Bird, G. (2010). Intact imitation of emotional facial actions in autism spectrum conditions, *Neuropsychologia*. 48(11), 3291-3297.
- Richardson, D.C., Dale, R. & Tomlinson Jr, J.M. (2009) Conversation, gaze coordination and beliefs about visual context. *Cognitive Science*, 33, 1468-1482.
- Richardson, D.C., Altmann, G.T.M., Spivey, M.J., & Hoover, M.A. (2009) Much Ado About Eye Movements to Nothing: A reply to "Taking a new look at looking at nothing" by Ferreira, Apel & Henderson in press. *Trends in Cognitive Science*, 13, 235-236.
- Shockley, K., Richardson, D. C. & Dale, R. (2009) Conversation and coordinative structures, *Topics in Cognitive Science*, 1, 305–319.
- Crosby, J.R., Monin, B. & Richardson, D.C. (2008). Where Do We Look During Potentially Offensive Behavior? *Psychological Science*, 19 (3), 226-228
- Hoover, M. A. & Richardson, D. C. (2008). When Facts Go Down the Rabbit Hole: Contrasting Features and Objecthood as Indexes to Memory. *Cognition*, 108(2), 533-42
- Richardson, D.C., Dale, R. & Kirkham, N.Z. (2007). The art of conversation is coordination: Common ground and the coupling of eye movements during dialogue, *Psychological Science*, 18 (5), 407-413
- Richardson, D.C. & Matlock, T. (2007) The integration of figurative language and static depictions: an eye movement study of fictive motion, *Cognition*, 102, 129-138
- Kirkham, N.Z., Slemmer, J.A, Richardson, D.C., & Johnson, S.P. (2007) Location, Location, Location: Development of Spatiotemporal Sequence Learning in Infancy. *Child Development* 78 (5), 1559–1571.
- Richardson, D.C. & Dale, R. (2005). Looking To Understand: The Coupling Between Speakers' and Listeners' Eye Movements and its Relationship to Discourse Comprehension. *Cognitive Science*, 29, 1046-1060
- Richardson, D. C. & Kirkham, N.Z. (2004). Multi-modal events and moving locations: Eye movements of adults and 6-month-olds reveal dynamic spatial indexing. *Journal of Experimental Psychology: General*, 133 (1), 46-62.
- Tabor, W., Galantucci, B., & Richardson, D. (2004). Effects of Merely Local Syntactic Coherence on Sentence Processing. *Journal of Memory and Language*, 50, 355-370

- Richardson, D. C., Spivey, M. J., McRae, K., & Barsalou, L. W. (2003). Spatial representations activated during real-time comprehension of verbs. *Cognitive Science*, 27, 767-780.
- Dale, R.A., Richardson, D.C., & Owren, M.J. (2003). Pumping for gestural origins: The well may be rather dry. *Behavioral and Brain Sciences*, 26, 218-219.
- Richardson, D. C. & Spivey, M. J. (2001). The TEC as a theory of embodied cognition. *Behavioral and Brain Sciences*, 24, 900-901.
- Richardson, D. C. & Spivey, M. J. (2000). Representation, space and Hollywood Squares: Looking at things that aren't there anymore. *Cognition*, 76, 269-295.

## Book Chapters

- Richardson, D.C. & Gobel, M.S. (2015). Social Attention. In J. Fawcett, E. Risko & A. Kingstone (Eds). *Handbook of Attention*. Cambridge MA: MIT Press.
- Richardson, D.C., (2009). Eye movements during cognition and conversation. In B. Goldstein (ed.), *Sage Encyclopedia of Perception*, pp 436-437. Thousand Oaks, CA: Sage Publications.
- Spivey, M.J, Richardson, D.C, & Dale, R. (2009). The Movement of Eye and Hand as a Window into Language and Cognition. In E. Morsella, J. A. Bargh, & P. M. Gollwitzer (Eds.), *Oxford Handbook of Human Action* (pp. 225–249). New York: Oxford University Press.
- Spivey, M. & Richardson, D. (2008). Language embedded in the environment. In P. Robbins and M. Aydede (Eds.), *The Cambridge Handbook of Situated Cognition*. Cambridge, UK: Cambridge University Press.
- Richardson, D, Dale, R. & Shockley, K. (2008) Synchrony and swing in conversation: coordination, temporal dynamics and communication. In *Embodied Communication*, Wachsmuth, I, Lenzen, M. & Knoblich, G. (Eds.) Oxford University Press.
- Richardson, D., Dale, R., & Spivey, M. (2007). Eye movements in language and cognition: A brief introduction. In Gonzalez-Marquez, Coulson, Mittelberg, & Spivey (Eds.) *Methods in Cognitive Linguistics*. John Benjamins.
- Spivey, M., Richardson, D., & Zednik, C. (2006). Language is spatial, not special: Using space for language and memory. in L. Smith, K. Mix, & M. Gasser (Eds.), *Spatial Foundations of Cognition and Language*. New York: Oxford University Press.
- Spivey, M., Richardson, D., & Gonzalez-Marquez, M. (2005). On the spatial and image-schematic underpinnings of real-time language processing. In R. Zwaan & D. Pecher (Eds.), *The Grounding of Cognition: The Role of Perception and Action in Memory, Language, and Thinking*. pp 246-281 Cambridge University Press.
- Richardson, D. C., & Spivey, M. J. (2004). Eye Tracking: Characteristics and Methods. In Wnek. G. & Bowlin, G. (Eds.) *Encyclopedia of Biomaterials and Biomedical Engineering*, (pp.568-572), Marcel Dekker, Inc.
- Richardson, D. C., & Spivey, M. J. (2004). Eye Tracking: Research areas and applications. In Wnek. G. & Bowlin, G. (Eds.) *Encyclopedia of Biomaterials and Biomedical Engineering*, (pp. 573-582), Marcel Dekker, Inc
- Spivey, M.J., Richardson, D.C., & Fitneva, S.A. (2004). Thinking outside the brain: Spatial indices to visual and linguistic Information. In J. Henderson & F. Ferreira (Eds.), *Interfacing Language, Vision, and Action*. pp 161-190. San Diego, CA: Academic Press.

Spivey, M. J. & Richardson, D. C. (2003). Writing in cognitive science: Exploring the life of the mind. In J. Monroe (Ed.), *Local Knowledges, Local Practices: Cultures of Writing at Cornell*. University of Pittsburgh Press.

Keil, F.C. & Richardson, D.C. (1999). Species, stuff, and patterns of causation. In Robert Wilson (ed.) *Species: New interdisciplinary essays*. pp 263-281. MIT Press.