

DANIEL PEARSON

PERSONAL INFORMATION

EMAIL: d.pearson@unsw.edu.au
WEBSITE: www.danielpearson.me

EDUCATION

2015–2019 <i>Expected Completion</i>	PhD/Master of Psychology (Clinical), UNSW Sydney , Australia Thesis: “Learning to Avoid Looking: Mechanisms of Value-Modulated Attentional Capture and Suppression” Supervisor: A/Prof. Mike LE PELLEY Co-supervisors: Prof. Simon KILLCROSS & A/Prof. Thomas WHITFORD
2008–2011	Bachelor of Science (Advanced) in PSYCHOLOGY, UNSW Sydney , Australia <i>First Class Honours</i> 91/100 Thesis: “Sexual Dimorphism in Mechanisms of Attentional Control in the Transmembrane Domain Neuregulin 1 Mouse Model” Supervisor: Prof. Simon KILLCROSS & Dr. Tim KARL GPA: 6.2/7.0
2006–2007	Higher School Certificate Blaxland High School UAI: 94.60

SCHOLARSHIPS AND AWARDS

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| 2018 | Best Clinical Research Presentation, Forensic and Clinical Psychology Research Conference, UNSW |
| 2017 | School of Psychology Award, UNSW Postgraduate Research Competition |
| 2015 | Best Human Research Presentation, Australian Learning Group Conference |
| 2015–2019 | Australian Postgraduate Award, Department of Education & Training, Australian Government |
| 2008 | Academic Achievement Award for most outstanding student, UNSW, Australia |

PEER REVIEWED PUBLICATIONS

- Kennedy, B. L., **Pearson, D.**, Sutton, D. J., Beesley, T., & Most, S. B. (2018). Spatiotemporal competition and task-relevance shape the spatial distribution of emotional interference during rapid visual processing: Evidence from gaze-contingent eye-tracking. *Attention, Perception, & Psychophysics*, 80(2), 426–438.
- Le Pelley, M. E., Watson, P., **Pearson, D.**, Abeywickrama, R. S., & Most, S. B. (2018). Winners and losers: Reward and punishment produce biases in temporal selection. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, Advance online publication.
- Albertella, L., Copeland, J., **Pearson, D.**, Watson, P., Wiers, R. W., & Le Pelley, M. E. (2017). Selective attention moderates the relationship between attentional capture by signals of nondrug reward and illicit drug use. *Drug and Alcohol Dependence*, 175, 99–105.

- Le Pelley, M. E., **Pearson, D.**, Porter, A., Yee, H., & Luque, D. (2017). Oculomotor capture is influenced by expected reward value but (maybe) not predictiveness. *The Quarterly Journal of Experimental Psychology*, Advance online publication.
- Le Pelley, M. E., Seabrooke, T., Kennedy, B. L., **Pearson, D.**, & Most, S. B. (2017). Miss it and miss out: Counterproductive nonspatial attentional capture by task-irrelevant, value-related stimuli. *Attention, Perception, & Psychophysics*, 79(6), 1628–1642.
- Whitford, T. J., Jack, B. N., **Pearson, D.**, Griffiths, O., Luque, D., Harris, A. W., ... Le Pelley, M. E. (2017). Neurophysiological evidence of efference copies to inner speech. *eLife*, 6, e28197.
- Beesley, T., Vadillo, M. A., **Pearson, D.**, & Shanks, D. R. (2016). Configural learning in contextual cuing of visual search. *Journal of Experimental Psychology: Human Perception and Performance*, 42(8), 1173.
- Pearson, D.**, Osborn, R., Whitford, T. J., Failing, M., Theeuwes, J., & Le Pelley, M. E. (2016). Value-modulated oculomotor capture by task-irrelevant stimuli is a consequence of early competition on the saccade map. *Attention, Perception, & Psychophysics*, 78(7), 2226–2240.
- Beesley, T., Nguyen, K. P., **Pearson, D.**, & Le Pelley, M. E. (2015). Uncertainty and predictiveness determine attention to cues during human associative learning. *The Quarterly Journal of Experimental Psychology*, 68(11), 2175–2199.
- Beesley, T., **Pearson, D.**, & Le Pelley, M. (2015). Implicit learning of gaze-contingent events. *Psychonomic Bulletin & Review*, 22(3), 800–807.
- Beesley, T., Vadillo, M. A., **Pearson, D.**, & Shanks, D. R. (2015). Pre-exposure of repeated search configurations facilitates subsequent contextual cuing of visual search. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 41(2), 348.
- Failing, M., Nissens, T., **Pearson, D.**, Le Pelley, M., & Theeuwes, J. (2015). Oculomotor capture by stimuli that signal the availability of reward. *Journal of Neurophysiology*, 114(4), 2316–2327.
- Le Pelley, M. E., **Pearson, D.**, Griffiths, O., & Beesley, T. (2015). When goals conflict with values: Counterproductive attentional and oculomotor capture by reward-related stimuli. *Journal of Experimental Psychology: General*, 144(1), 158.
- Pearson, D.**, Donkin, C., Tran, S. C., Most, S. B., & Le Pelley, M. E. (2015). Cognitive control and counterproductive oculomotor capture by reward-related stimuli. *Visual Cognition*, 23(1-2), 41–66.

BOOK CHAPTERS

- Beesley, T., **Pearson, D.**, & Le Pelley, M. E. (In Press). Eye-tracking as a tool for examining cognitive processes. In G. Foster (Ed.), *Biophysical measurement in experimental social science research*. Oxford, UK: Elsevier.
- Pearson, D.**, Beesley, T., & Le Pelley, M. E. (In Press). Getting started with eye-tracking. In G. Foster (Ed.), *Biophysical measurement in experimental social science research*. Oxford, UK: Elsevier.

CONFERENCE PRESENTATIONS AND POSTERS (FIRST AUTHOR)

- Pearson, D., Albertella, L., Le, J., Porter, A., & Le Pelley, M. (2018).** Examining the test-retest reliability of reward-modulated attentional biases. International Meeting of the Psychonomic Society. Amsterdam, The Netherlands.
- Pearson, D. & Le Pelley, M. (2018).** Learning to avoid looking: The effect of reward on attentional capture and control. 16th Annual Forensic & Clinical Psychology Research Conference. UNSW Sydney, Sydney.
- Pearson, D., Albertella, L., Le, J., Porter, A., & Le Pelley, M. (2017).** Examining the test-retest reliability of value-modulated attentional capture. Australian Learning Group Christmas Workshop. University of Sydney, Australia.
- Pearson, D. & Le Pelley, M. (2017).** Looking to avoid looking: Evidence for limited goal-directed control over value-modulated oculomotor capture. 58th Annual Meeting of the Psychonomic Society. Vancouver, Canada.
- Pearson, D. & Le Pelley, M. (2017).** Rewarding outcomes can influence both attentional capture and suppression. Selective Attention and Individual Difference in Motivation and Emotion Forum [Meeting at the 2017 Experimental Psychology Conference]. Shoal Bay, Australia.
- Pearson, D., Hall, G., & Le Pelley, M. (2016).** Looking to attend and ignore: Opposing influences of reward learning on attentional capture and suppression. 57th Annual Meeting of the Psychonomic Society. Boston, USA.
- Pearson, D. & Le Pelley, M. (2016).** Looking to avoid: Instrumental control in value-modulated attentional capture [invited talk]. How applicable are models of animal conditioning to human associative learning? [Symposium at the Combined Meeting of the International Society for Comparative Psychology and the Australian Learning Group]. University of Sydney, Australia.
- Pearson, D., Whitford, T., & Le Pelley, M. (2016).** Learning to attend and ignore: The influence of reward learning on attentional capture and suppression. European Conference on Visual Perception. Barcelona, Spain.
- Pearson, D. & Le Pelley, M. (2015).** Reward learning influences electrophysiological correlates of attentional capture and suppression. Associative Learning Symposium XIX. Gregynog Hall, Wales.
- Pearson, D. & Le Pelley, M. (2015).** Training, not volitional cognitive control, affects the magnitude of value modulated attentional capture. Australian Learning Group Midyear Conference. Blue Mountains, Australia.
- Pearson, D. & Le Pelley, M. (2014).** Don't look at the red circle: Instrumental, but not volitional, inhibition of value-modulated attentional capture. Australian Learning Group Christmas Workshop. UNSW Sydney, Australia.
- Pearson, D. & Le Pelley, M. (2013).** Productive and counterproductive attention: Learning about signals of value. Australian Learning Group Christmas Workshop. University of Sydney, Australia.

INVITED REVIEWER

Attention, Perception, & Psychophysics; Psychological Research

TEACHING

2017–Present	Head Tutor PSYC2001: Research Methods 2 SCHOOL OF PSYCHOLOGY, UNSW
2015–Present	Casual Tutor PSYC2001: Research Methods 2, PSYC3361: Psychology Research Internship, & PSYC2071: Perception & Cognition SCHOOL OF PSYCHOLOGY, UNSW

TECHNICAL SKILLS

Experienced

- MATLAB
- Psychtoolbox
- R
- Event-Related Potentials (ERPs)
- Eye-tracking

Intermediate

- Inquisit
- Amazon Mechanical Turk
- L^AT_EX

CLINICAL EXPERIENCE

JUL 2018–NOV 2018	External Placement at BONDI JUNCTION EARLY PSYCHOSIS PROGRAM and COMPREHENSIVE ASSESSMENT SERVICE FOR PSYCHOSIS AND AT RISK
FEB–JUN 2018	External Placement at WESTMEAD ANXIETY TREATMENT & RESEARCH CENTRE
MAY 2017–MAY 2018	Internal Placement at UNSW PSYCHOLOGY CLINIC
JAN 2015–Present	Research project examining suppression of self-generated actions in Schizophrenia at WESTMEAD INSTITUTE FOR MEDICAL RESEARCH

OTHER RELEVANT EXPERIENCE

MAR 2013–MAR 2015	Research Assistant at SCHOOL OF PSYCHOLOGY, UNSW Worked on projects relating to <i>cognition, associative learning, attention</i> and <i>sensory suppression</i> under the supervision of Dr. Mike Le Pelley, Dr. Tom Beesley, and Dr. Thomas Whitford. Contributed to the design of experiments conducted in the lab, as well as programming, data collection, data analysis and writing up of journal articles.
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