Prof Marko Nardini

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Education

2001–2005	University College London	PhD, Psychology
1995–1998	Oxford University	Philosophy and Psychology, BA (Hons)

Academic Positions

2019–	Durham University	Professor, Dept. Psychology
2017–	Durham University	Associate Professor (Reader), Dept. Psychology
2013–2017	Durham University	Associate Professor / Senior Lecturer, Dept. Psychology
2009–2013	University College London	Lecturer, Institute of Ophthalmology
2009–2013	Moorfields Eye Hospital	Faculty Investigator, NIHR Biomedical Research Centre
2008–2009	Birkbeck College	Post-doc (co-I), Ctr for Brain and Cognitive Development
2007–2008	University College London	Post-doc (co-I), Div. Psychology & Language Sciences
2006–2007	Oxford University	Post-doc (co-I), Dept. Experimental Psychology
2005–2007	Oxford University	Stipendiary Lecturer in Psychology, St. Anne's College
1999–2006	University College London	Research Assistant / Associate, Dept. Psychology
1998–1999	Birkbeck College	Research Assistant, Dept. Psychology

Funding

2019–2025 **PI: European Research Council, EUR 2m**
Consolidator grant, NewSense: Perception with new Sensory Signals

2017–2020 **PI: Leverhulme Trust, UK. £258k**
Learning to perceive and act under uncertainty

2016–2019 **PI: Economic and Social Research Council, UK. £548k**
Learning cue combination

2012–2015 **PI: NIHR BRC for Ophthalmology and Special Trustees of Moorfields Eye Hospital. £148k**
Development of new tests for visual assessment of infants and children

2012–2015 **PI: NIHR BRC for Ophthalmology and UCL. £64k**
New quantitative methods to assess locomotion and navigation in patients with visual impairments

2011–2014 **PI: Economic and Social Research Council, UK. £398k**
Economics of perceptual and motor decisions in childhood

2011–2014 **PI: Fight For Sight, UK. £168k**
Quick and reliable ways to measure vision in children with inherited sight loss

2011–2014 **PI: Special Trustees of Moorfields Eye Hospital and UCL. £81k**
New infant vision tests for studying disease mechanisms in inherited retinal dystrophies

2010–2016 **PI: James S. McDonnell Foundation, USA. $600k**
Scholar Award (International prize, by nomination)

2008–2011 **co-I: Economic and Social Research Council, UK. £396k.**

Learning to combine sense and experience for optimal perceptual judgements

2007–2008 co-I: Economic and Social Research Council, UK. £97k.

Young children's use of visual landmarks: view matching or cognitive mapping?

2006–2007 co-i: Economic and Social Research Council, UK. £80k.

Perception/action interactions in children's spatial representations

Publications

Journal articles

Nardini M, Scheller M, Ramsay M, Kristiansen O, Allen C. (in press). Towards Human Sensory Augmentation: A Cognitive Neuroscience Framework for Evaluating Integration of New Signals within Perception, Brain Representations, and Subjective Experience. *Augmented Human Research*.

Negen J, Slater H, Nardini, M (2024). Sensory Augmentation for a Rapid Motor Task in a Multisensory Environment. *Restorative Neurology and Neuroscience*, 42(2), 113-120.

Scheller M, Nardini M (2024). Correctly establishing evidence for cue combination via gains in sensory precision: why the choice of comparator matters. *Behavior Research Methods* 56, 2842–2858.

Aston S, Nardini M, Beierholm U (2023). Different types of uncertainty in multisensory perceptual decision making. *Proceedings of the Royal Society B* 378:20220349

Negen J, Bird L, Slater H, Thaler L, Nardini M (2023). Multisensory perception and decision-making with a new sensory skill. *Journal of Experimental Psychology: Human Perception and Performance* 49(5), 600–622

Wedge-Roberts R, Aston S, Beierholm U, Kentridge R, Hurlbert A, Nardini M, Olkkonen M (2023). Developmental changes in colour constancy in a naturalistic object selection task. *Developmental Science* 26:e13306

Aston S, Pattie C, Graham R, Slater H, Beierholm U, Nardini M (2022). Newly learned shape-color associations show signatures of reliability-weighted averaging without forced fusion or a memory color effect. *Journal of Vision* 22(13): 8, 1-18.

Negen J, Slater H, Bird L, Nardini M (2022). Internal Biases Are Linked to Disrupted Cue Combination in Children and Adults. *Journal of Vision* 22(12): 14, 1-22.

Aston L, Beierholm U, Nardini M (2022). Newly learned novel cues to location are combined with familiar cues but not always with each other. *Journal of Experimental Psychology: Human Perception and Performance* 48(6): 639-652.

Negen J, Bird L, Nardini M (2021). An Adaptive Cue Selection Model of Allocentric Spatial Reorientation. *Journal of Experimental Psychology: Human Perception and Performance* 47(10): 1409-1429.

Nardini M (2021). Merging familiar and new senses to perceive and act in space. *Cognitive Processing* 22(1): 69-75.

Aston S, Negen J, Nardini M, Beierholm U (2021). Central tendency biases must be accounted for to consistently capture Bayesian cue combination in continuous response data. *Behavior Research Methods* 54(1): 508-521.

Wedge-Roberts R, Aston S, Beierholm U, Kentridge R, Hurlbert A, Nardini M, Olkkonen M (2020). Specular highlights improve colour constancy when other cues are weakened. *Journal of Vision* 20(12): 4, 1-22

Petrini K, Denis G, Love SA, Nardini M (2020). Combining the senses: the role of experience- and task-dependent mechanisms in the development of audiovisual simultaneity perception. *Journal of Experimental Psychology: Human Perception and Performance* 46(10), 1105–1117

Kiryakova R, Aston S, Beierholm U, Nardini M (2020). Bayesian transfer in a complex spatial localization task. *Journal of Vision* 20(6):17, 1–19

Negen J, Bird L, King E, Nardini M (2020). The Difficulty of Effectively Using Allocentric Prior Information in a Spatial Recall Task. *Scientific Reports* 10:7000

Negen J, Sandri A, Lee SA, Nardini M (2020). Boundaries in Spatial Cognition: Looking like a Boundary is More Important than Being a Boundary. *Journal of Experimental Psychology: Language, Memory, and Cognition* 46(6), 1007–1021

Negen J, Bou Ali L, Chere B, Roome HE, Park Y & Nardini M (2019). Coding Locations Relative to One or Many Landmarks in Childhood. *PLOS Computational Biology* 15(10): e1007380

Negen J, Chere B, Bird L, Taylor E, Roome H, Keenaghan S, Thaler L & Nardini M (2019). Sensory Cue Combination in Children Under 10 Years of Age. *Cognition* 193, 104014.

Javadi A, Patai E, Marin-Garcia E, Margois A, Tan H, Kumaran D, Nardini M, Penny W, Duzel E, Dayan P, Spiers H (2019). Backtracking during navigation is correlated with enhanced anterior cingulate activity and suppression of alpha oscillations and the 'default-mode' network. *Proceedings of the Royal Society B* 286: 20191016

Javadi A, Patai E, Marin-Garcia E, Margois A, Tan H, Kumaran D, Nardini M, Penny W, Duzel E, Dayan P, Spiers H (2019). Prefrontal Dynamics Associated with Efficient Detours and Shortcuts: A Combined Functional Magnetic Resonance Imaging and Magnetoencenphalography Study. *Journal of Cognitive Neuroscience* 31(8), 1227-47

Jones PR, Landin L, McLean A, Juni MZ, Maloney LT, Nardini M, Dekker, TM (2019). Efficient visual information sampling develops late in childhood. *Journal of Experimental Psychology: General* 148(7), 1138-52

Dekker TM, Schwarzkopf DS, de Haas B, Nardini M, Sereno MI (2019). Population receptive field tuning properties of visual cortex during childhood. *Developmental Cognitive Neuroscience* 37, 100694

Nardini M, Dekker TM (2019). Observer Models of Perceptual Development. *Behavioral and Brain Sciences* 41, e238

Negen J, Wen L, Thaler L, Nardini M (2018). Bayes-Like Integration of a New Sensory Skill with Vision. *Scientific Reports* 8:16880

Negen J, Roome HE, Keenaghan S, Nardini M (2018). Effects of two-dimensional versus three-dimensional landmark geometry and layout on young children's recall of locations from new viewpoints. *Journal of Experimental Child Psychology* 170, 1-29.

Negen J, Heywood-Everett E, Roome HE, Nardini M (2018). Development of allocentric spatial recall from new viewpoints in virtual reality. *Developmental Science*. 21(1): e12496.

Thomas RL, Nardini M, Mareschal D (2017). The impact of semantically congruent and incongruent visual information on auditory object recognition across development. *Journal of Experimental Child Psychology* 162, 72-88

Garcia SE, Jones PR, Reeve, EI, Michaelides M, Rubin GS, Nardini M (2017). Multisensory cue combination after sensory loss: audio-visual localization in patients with progressive retinal disease. *Journal of Experimental Psychology: Human Perception and Performance* 43(4), 729-740

Garcia SE, Jones PR, Rubin GS, Nardini M (2017). Auditory localisation biases increase with sensory uncertainty. *Scientific Reports* 7:40567

Petrini K, Caradonna A, Foster C, Burgess N, Nardini M (2016). How vision and self-motion combine or compete during path reproduction changes with age. *Scientific Reports* 6:29163

Jones PR, Yasoubi N, Nardini M, Rubin GS (2016). Feasibility of Macular Integrity Assessment (MAIA) microperimetry in children: Sensitivity, reliability, and fixation stability in healthy observers. *Investigative Ophthalmology & Visual Science* 57(14), 6349-6359

Burton E, Wattam-Bell J, Rubin GS, Aboshiha J, Michaelides M, Atkinson J, Braddick O, Nardini M (2016). Dissociations in coherence sensitivity reveal atypical development of cortical visual processing in congenital achromatopsia. *Investigative Ophthalmology & Visual Science* 57(4): 2251-2259

Burton E, Wattam-Bell J, Rubin G, Atkinson J, Braddick O, Nardini M (2016). Cortical processing of global form, motion and biological motion under low light levels. *Vision Research* 121, 39-49

Bedford R, Pellicano E, Mareschal D, Nardini, M (2016). Flexible integration of visual cues in adolescents with autism spectrum disorder. *Autism Research* 9(2): 272-281

Dekker T, Nardini M (2016). Risky visuomotor choices during rapid reaching in childhood. *Developmental Science* 19(3): 427-439

- ***Cover article*** (doi: 10.1111/desc.12441)

Nardini M, Bales J, Mareschal D (2016). Integration of audio-visual information for spatial decisions in children and adults. *Developmental Science* 19(5): 803-816

Jones PR, Garcia SE, Nardini M (2016). Digital LED Pixels: Instructions for use and a characterization of their properties. *Behavior Research Methods* 48(4): 1266-1284.

Burton EA, Wattam-Bell J, Rubin GS, Atkinson J, Braddick O, Nardini M (2015). The effect of blur on cortical responses to global form and motion. *Journal of Vision* 15(15):12, 1-14

Dekker TM, Ban H, Van der Velde B, Sereno MI, Welchman A, Nardini, M (2015). Late development of cue integration is linked to sensory fusion in cortex. *Current Biology* 25(21): 2856-2861.

Commentaries: Mamassian, P (2015). *Current Biology* 25(21), R1044–R1046.
Bremner, AJ & de Fockert, J (2016). *Current Biology* 26(1), R36–R37

Jones PR, Kalwarowsky S, Braddick O, Atkinson J, Nardini M (2015). Optimizing the rapid measurement of detection thresholds in infants. *Journal of Vision* 15(11): 2, 1-17

Petrini K, Jones PR, Smith L, Nardini M (2015). Hearing where the eyes see: children use an irrelevant visual cue when localising sound. *Child Development* 86(5): 1449-1457

Garcia, S, Petrini K, Rubin G, Da Cruz L, Nardini M (2015). Visual and non-visual navigation in blind patients with a retinal prosthesis. *PLOS ONE* 10(7): e0134369

Negen J, Nardini M (2015). Four-year-olds use a mixture of spatial reference frames. *PLOS ONE* 10(7): e0131984

Bainbridge JWB, Sundaram V, Mehat MS, Robbie SR, Barker SE, Ripamonti C, Georgiadis A, Mowat FM, Gardner PJ, Feathers KL, Luong VA, Beattie SG, Yzer S, Balaggan K, Viswanathan A, de Ravel TJL, Casteels I, Holder G, Tyler N, Fitzke F, Weleber RG, Nardini M, Moore A, Thompson DA, Petersen-Jones SM, Michaelides M, van den Born LI, Stockman A, Smith AJ, Rubin G, Ali RR (2015). Long-term effect of gene therapy on Leber Congenital Amaurosis. *New England Journal of Medicine* 372(20): 1887-1897

Jones PR, Kalwarowsky S, Atkinson J, Braddick, O, Nardini M (2014). Automated measurement of resolution acuity in infants using remote eye-tracking. *Investigative Ophthalmology & Visual Science* 55(12): 8102-8110

Aboshiha J, Dubis AM, Cowing J, Fahy RTA, Sundaram V, Bainbridge JW, Ali RR, Dubra A, Nardini M, Webster AR, Moore AT, Rubin G, Carroll J, Michaelides M (2014). A prospective longitudinal study of retinal structure and function in achromatopsia. *Investigative Ophthalmology and Visual Science* 55(9): 5733-5743

Nardini M, Dekker T, Petrini K (2014). Crossmodal integration: a glimpse into the development of sensory remapping. *Current Biology* 24(11): R532-R534.

Petrini K , Remark A, Smith L, Nardini M (2014). When vision is not an option: children's integration of auditory and haptic information is suboptimal. *Developmental Science* 17(3): 376-387.

Knight R, Piette CE, Page H, Walters D, Marozzi E, Nardini M, Stringer S, Jeffery KJ (2014). Weighted cue integration in the rodent head direction system. *Phil. Trans. R. Soc. B* 369: 20120512.

Sundaram V, Wilde C, Aboshiha J, Cowing J, Han C, Langlo CS, Chana R, Davidson AE, Bainbridge JW, Ali RR, Dubra A, Rubin G, Webster AR, Moore AT, Nardini M, Carroll J, Michaelides M. (2014). Retinal Structure and Function in Achromatopsia: Implications for Gene Therapy. *Ophthalmology* 121(1): 234-245.

Nardini M, Begus K, Mareschal D (2013). Multisensory uncertainty reduction for hand localization in children and adults. *Journal of Experimental Psychology: Human Perception and Performance*, 39(3): 773-787.

Nardini M, Bedford R, Mareschal D (2010). Fusion of visual cues is not mandatory in children. *Proc. Natl. Acad. Sci. U. S. A.* 107(39), 17041-17046.

Thomas R, Nardini M, Mareschal D (2010). Interactions between light-from-above and convexity priors in visual development. *Journal of Vision*, 10(8): 6

Bullens J, Nardini M, Doeller CF, Braddick O, Postma A, Burgess N (2010). The role of landmarks and boundaries in the development of spatial memory. *Developmental Science*, 13, 170-180.

Nardini M, Thomas R, Knowland V., Braddick O, Atkinson J (2009). A viewpoint-independent process for spatial reorientation. *Cognition*, 112, 241-248.

Nardini M, Jones P, Bedford R, Braddick O (2008). Development of cue integration in human navigation. *Current Biology*, 18, 689-693.

News article: Kaplan, M (2008). *Nature News* doi:10.1038/news.2008.796
Commentary: Ernst, MO (2008). *Current Biology* 18(12), R519–R521.

Nardini M, Atkinson J, Braddick O, Burgess N (2008). Developmental trajectories for spatial frames of reference in Williams syndrome. *Developmental Science*, 11, 583-595.

Nardini M, Atkinson J, Burgess N (2008). Children reorient using the left/right sense of coloured landmarks at 18-24 months. *Cognition*, 106, 519-527.

Nardini M, Braddick O, Atkinson J, Cowie D, Ahmed A, Reidy H (2008). Uneven integration for perception and action cues in children's working memory. *Cognitive Neuropsychology*, 25, 968-984.

Atkinson J, Braddick O, Anker S, Nardini M, Birtles D, Rutherford MA, Mercuri E, Dyet LE, Edwards AD, Cowan FM (2008) Cortical vision, MRI, and developmental outcome in preterm infants. *Archives of Disease in Childhood - Fetal and Neonatal Edition*. 93, F292-F297.

Atkinson J, Braddick O, Nardini M, Anker S (2007). Infant hyperopia: detection, distribution, changes and correlates - Outcomes from the Cambridge Infant Screening Programmes. *Optometry and Vision Science*, 84, 84-96.

Nardini M, Burgess N, Breckenridge K, Atkinson J (2006). Differential developmental trajectories for egocentric, environmental and intrinsic frames of reference in spatial memory. *Cognition*, 101, 153-172.

Atkinson J, Nardini M, Anker S, Braddick O, Hughes C, Rae S (2005). Refractive errors in infancy predict reduced performance on the Henderson Movement Assessment Battery for Children at 3.5 and 5.5 years. *Developmental Medicine and Child Neurology* 47, 243-251.

Anker S, Atkinson J, Braddick O, Nardini M, Ehrlich D (2004). Non-cycloplegic refractive screening can identify infants whose visual outcome at 4 years is improved by spectacle correction. *Strabismus* 12(4), 223-241.

Anker S, Atkinson J, Braddick O, Ehrlich D, Hartley T, Nardini M, Wade J (2003). Identification of Infants with Significant Refractive Error and Strabismus in a Population Screening Program using Noncycloplegic Videorefraction and Orthoptic Examination. *Investigative Ophthalmology and Visual Science*, 44, 497-504.

Atkinson J, Anker S, Nardini M, Braddick O, Hughes C, Rae S, Atkinson S (2002). Infant vision screening predicts failures on motor and cognitive tests up to school age. *Strabismus*, 10, 187-198.

Atkinson J, Anker S, Bobier W, Braddick O, Durden K, Nardini M, Watson P (2000). Normal Emmetropization in Infants with Spectacle Correction for Hyperopia. *Investigative Ophthalmology and Visual Science* 41, 3726-3731.

Book chapters

Nardini M (2017). Vision. In *The Cambridge Encyclopedia of Child Development*, *2nd Edition*, Hopkins B, Geangu E & Linkenauger S (Eds), Cambridge University Press.

Nardini M & Cowie D (2012). The development of multisensory balance, locomotion, orientation and navigation. In *Multisensory Development*, A Bremner, D Lewkowicz & C Spence (Eds), Oxford University Press.

Atkinson J & Nardini M (2008). The Neuropsychology of Visuospatial and Visuomotor Development. In *Child Neuropsychology: Concepts, Theory and Practice*, J Reed & J Warner-Rogers (Eds), Wiley-Blackwell.

Invited Talks

2024	Seminar, Brains In Space Colloquium, Ruhr-Universität Bochum
2023	Invited Symposium, Experimental Psychology Society, U. of Plymouth
	Seminar, School of Biomedical Sciences, U. of Leeds
2022	Seminar, Centre for Developmental Science, U. Birmingham
	Seminar, online WW Multisensory Perception and Plasticity
2021	Keynote, International Conference on Spatial Cognition, Rome
	Seminar, Neuroscience, Newcastle University
	Seminar, Computational Cognitive Science, TU Darmstadt
2020	Seminar, Centre for Developmental Cognitive Neuroscience, UCL
	Seminar, SFB 936, Multi-Site Communication in the Brain, Hamburg
2019	Seminar, Dept of Psychology, University of East Anglia
	Seminar, Dept of Psychology, University of Essex
	Seminar, Italian Institute of Technology, Genoa
	Seminar, Dept of Psychology, Royal Holloway, University of London
	Seminar, Institute of Neuroscience, Trinity College Dublin
	Seminar, Dept of Psychology, University College London
2018	Invited speaker, Interdisciplinary symposium on spatial cognition in ageing and neurodegeneration, Magdeburg
	Invited speaker, 2nd Interdisciplinary Navigation Symposium, Quebec
	Seminar, School of Psychology, University of Sussex
2017	Seminar, Donders Centre for Cognition, Nijmegen
	Seminar, Dept of Cognitive Science, Central European University
	Seminar, York Neuroimaging Centre, University of York
	Invited lead speaker, Rank Prize Symposium: Learning to see – from retinal to brain computations, Grasmere
2016	Seminar, Dept. of Experimental Psychology, Oxford University
	Invited speaker, German Society for Psychology 50th Anniversary Congress, Leipzig
	Seminar, Dept of Psychology, Princeton University
	Seminar, Dept of Psychology, University of Lancaster
2015	Invited speaker, Adaptive Brains and Machines workshop, University of Cambridge
	Invited speaker, Workshop on uncertainty in the nervous system, University of Birmingham
2014	Seminar, Dept. Psychology, Justus-Liebig-Universität Giessen
	Seminar, School of Psychology, University of Birmingham
	Invited session chair, International Conference on Infant Studies, Berlin
	Keynote speaker, Scottish Vision Group, Troon, UK
2013	Invited speaker, Spatial Memory: Bayes and Beyond workshop, Richmond, VA, USA
2012	Seminar, Dept. of Developmental Science, UCL
2011	Invited speaker, Winter Workshop on Coordinate Frames, University of Reading
	Seminar, Institute for Research in Child Development, U. of East London
	Keynote speaker, VERE (EU project) symposium, University of Barcelona
	Invited speaker, Ulverscroft Vision Research in Progress seminar, UCL Inst. of Child Health

	Invited speaker, Workshop on Multisensory Space Perception, University of Genoa
	Seminar, School of Psychology, Southampton University
	Seminar, School of Psychology, Queens University Belfast
	Invited speaker, Oxford University, Psychology Society
2010	Seminar, Dept. Psychology, Durham University
	Seminar, School of Psychology, University of Nottingham
	Invited speaker, Autumn School in Cognitive Neuroscience, Oxford University,
	Invited speaker, EPS Workshop on Body Representation, Goldsmiths, U. of London
	Seminar, Laboratoire Psychologie de la Perception, Université Paris Descartes
2009	Invited speaker, vision@ucl seminar, UCL
	Seminar, Institute of Behavioural Neuroscience, UCL
	Invited speaker, Symposium on Spatial Cognition, Dept. Exp. Psychology, Utrecht University
2008	Seminar, Dept. of Psychology, Goldsmiths, U. of London
	Seminar, Dept. of Psychology, Royal Holloway, U. of London
	Invited speaker, Workshop on perception and consciousness, University of Cyprus
2007	Seminar, Dept. of Psychology, Lancaster University
2006	Seminar, Dept. of Psychology, Edinburgh University
	Seminar, Dept. of Experimental Psychology, Bristol University
	Seminar, Dept. of Experimental Psychology, Oxford University
2004	Seminar, Centre for Brain and Cognitive Development, Birkbeck College
	Invited speaker, Cognitive Neuroscience & Educational Psychology Conference, Oxford

Research Supervision

Postdoctoral associates

Dr Thomas Chazelle	2024 –	
Dr Chris Allen	2022 – 2024	Moving to academic post at Durham
Dr Meike Scheller	2021 – 2023	Moved to academic post at Durham
Dr Stacey Aston	2017 – 2022	Moved to government post
Dr James Negen	2014 – 2020	Moved to academic post at LJMU
Dr Peter Jones	2012 – 2015	Moved to research fellow post at UCL
Dr Tessa Dekker	2011 – 2014	To research fellow, then academic post at UCL
Dr Karin Petrini	2010 – 2014	Moved to academic post at University of Bath

Research assistants

Sam Fenwick	2024 –	
Melissa Ramsay	2022 – 2024	Registered for PhD, St Andrew's
Heather Slater	2020 – 2022	Moved to publishing post
Laura Bird	2017 – 2019	Moved to RA post at UCL / Durham
Brittney Chere	2016 – 2017	Registered for MSc, Birkbeck
Hannah Roome	2015 – 2016	Moved to RA post at U. of Texas at Austin
Sarah Kalwarowsky	2012 – 2015	Moved to RA post at Birkbeck CBCD
Rachel Fahy	2012 – 2013	Returned to RA post at IOO after a break
Alicia Remark	2011 – 2012	Moved to RA post at Inst. of Education
Jennifer Bales	2009 – 2010	Registered for MSc, UCL Inst. of Child Health
Eliza Burton	2009 – 2010	Registered for PhD, UCL Inst. of Ophthalmology
Rachael Bedford	2008 – 2009	Registered for PhD, Inst. of Education
Victoria Knowland	2007 – 2008	Registered for PhD, Birkbeck

Graduate students (1st supervisor)

Olaf Kristiansen	2021 –	
Becca Wedge-Roberts	2017 – 2021	Completed
Renata Kiryakova	2017 – 2021	Completed
Sara Garcia	2012 – 2016	Completed
Eliza Burton	2011 – 2015	Completed

Graduate students (2nd supervisor)

Nathanael Larigaldie	2016 – 2021	Completed
Sally Clausen	2014 – 2020	Completed
Louisa Kulke	2012 – 2015	Moved to post-doc at Göttingen, then academic post in Erlangen
Rhiannon Thomas	2009 – 2013	Moved to post-doc at Goldsmiths

Academic visitors

Bauke van der Velde	2012 – 2013	Visiting from U. of Amsterdam (8 months)
Jessie Bullens	2008	Visiting from U. of Utrecht (3 months)

Professional Activity

Conference organizing

- Co-organiser, International Multisensory Research Forum, Durham University 2025
- Organiser, New Directions in Sensory Substitution and Augmentation, Durham University 2023
- Organiser, New Advances in Enhancing Human Perception, Durham University 2019
- Organiser, Probabilistic Brain workshop, Durham University 2018
- Organiser, EPS London Cue Integration Workshop, UCL 2013
- Co-organiser, CDCN workshop on navigation and spatial memory, UCL, 2012
- Organiser, cue integration workshop, UCL, 2012
- Programme committee, BPS Developmental Section, Goldsmiths, 2010

Funding panels

2022 –	Wellcome Trust Interview Panel (Discovery Awards)
2024	Marie Skłodowska-Curie Postdoctoral Fellowships panel
2023	UKRI Future Leaders Interview Panel
2023	Italian Science Fund (FIS) Selection Panel

Grant reviewing

• Agence Nationale de la Recherche, France • Auckland Medical Research Foundation, New Zealand • • Biotechnology and Biological Sciences Research Council, UK • Economic and Social Research Council, UK • European Research Council • Fundação para a Ciência e a Tecnologia, Portugal • Guide dogs, UK • Irish Research Council • Israel Science Foundation • Italian Science Fund (FIS) • Leverhulme Trust • Medical Research Council UK • Mind Science (USA) • National Science Foundation (USA) • Natural Sciences and Engineering Research Council of Canada • Swiss National Science Foundation • Wellcome Trust

Journal editing / reviewing

2024 –	Editorial Board, *Perception* and *iPerception*
2023 –	Editorial Board, *Vision*

2016 –	Editorial Board, *Multisensory Research*
2014 – 2022	Editorial board, *Journal of Experimental Psychology: Human Perception and Performance*
2014 – 2021	Academic Editor, *PLOS ONE*

Journal reviewing (ad hoc)

• *Acta Psychologica* • *Animal Cognition* • *Attention, Perception, & Psychophysics* • *Behavior Research Methods* • *British Journal of Developmental Psychology* • *Child Development* • *Cognition* • *Cognitive Development* • *Cognitive Processing* • *Cognitive Psychology* • *Cognitive Science* • *Computers in Human Behavior* • *Current Biology* • *Developmental Cognitive Neuroscience* • *Developmental Psychology* • *Developmental Science* • *eLife* • *eNeuro* • *European Journal of Neuroscience* • *Experimental Brain Research* • *Frontiers in Psychology* • *IEEE Transactions on Cognitive and Developmental Systems* • *Infancy* • *i-Perception* • *i-Science* • *Investigative Ophthalmology and Visual Science* • *Journal of Comparative Psychology* • *Journal of Experimental Child Psychology* • *Journal of Experimental Biology* • *Journal of Experimental Psychology: Language, Memory and Cognition* • *Journal of Experimental Psychology: Human Perception and Performance* • *Journal of Vision* • *Memory and Cognition* • *Multisensory Research* • *Neuroscience* • *PLoS Computational Biology* • *PLoS ONE* • *Perception* • *Philosophical Transactions of the Royal Society B* • *Proceedings of the Royal Society B* • *Psychological Review* • *Psychological Science* • *Psychonomic Bulletin & Review* • *Quarterly Journal of Experimental Psychology* • *Scientific Reports* • *Seeing and Perceiving* • *Trends in Cognitive Sciences* • *Vision Research* • *Wiley Interdisciplinary reviews: Cognitive Science*

Book reviewing

Ad hoc reviewer for

- *Cambridge University Press*
- *Routledge*

Conference reviewing

- International Multisensory Forum, 2023, 2024
- Society For Research in Child Development 2015, 2013
- Applied Vision Association 2016, 2014, 2012
- Cognitive Science Society 2015, 2011, 2008
- European Conference on Visual Perception 2006

PhD examiner

- Matthew Warburton, Leeds, 2024
- Tyler Ross, Durham, 2024 (internal)
- Chiara Capparini, Lancaster, 2022
- Elizabeth Jones, Durham, 2021 (internal)
- Natasa Ganea, Goldsmiths, 2021
- Anna Barnett, Lancaster, 2020
- Hannah Wilson, Lancaster, 2018
- Hannah Tickle, UCL, 2018
- Alice Skelton, Sussex, 2018
- Sabrina Seel, Durham, 2017
- Chin-Hsuan Lin, Imperial, 2016
- Kate Longstaffe, Bristol, 2014
- Laurenz Müssig, UCL, 2013 (internal)
- Jessie Bullens, Utrecht University, 2009

Memberships

• Vision Sciences Society • Society for Research in Child Development • Experimental Psychology Society • Applied Vision Association • Spatial Intelligence and Learning Center Spatial Network

Departmental service

2016 – 2024	Research Group Leader, Developmental Science
2018 – 2019	Director of Postgraduate Research
2015 – 2017	Non-Single Honours Tutor
2015 – 2016	Department Library liaison rep
2012 – 2013	Athena SWAN committee

Teaching

Professional qualification

2015	Fellow of the UK Higher Education Academy

Durham University

2017 –	Lecturer, MSc Cognitive Neuroscience, *Current Issues in Cog Neuro*
2014 – 2016	Module leader and lecturer, MSc Developmental Cognitive Neuroscience (*Developmental Cognitive Neuroscience* module)
2014 – 2024	Module leader and Lecturer, BSc Psychology, 3rd year *Cognitive Development*
2014 – 2019	Module leader and lecturer, BSc Psychology, 2nd year *Development and Social*
2013 – 2017	Lecturer, BSc Applied Psychology, 2nd year *Cognition and Development*

University College London

2011 – 2013	Examiner for MSc in Biology of Vision Lecturer, *MSc in Clinical and Applied Paediatric Neuropsychology*
2010 – 2013	Lecturer, *BIOS2001 Advanced Visual Neuroscience*
2009 – 2014	Lecturer, *MSc in Biology of Vision*
2009 – 2010	Lecturer, *MSc in Cognitive Neuroscience*
2002 – 2005	BSc seminar group teaching (*Introduction to Psychology, Perception Attention and Action*).

Oxford University

2005 – 2007	Personal tutor for Psychology students at St Anne's College; Interviewing and admissions; 3-6 hours/week tutorial teaching (*Perception*, *Cognitive Psychology*, *Developmental Psychology*, *Psychobiology*, *Statistics*)

South Bank University, London

2003 – 2005	Class teaching and coursework marking for BSc *Cognitive Science*

Birkbeck College

2002 – 2004	Small group teaching for statistics and critical analysis of papers