

CURRICULUM VITAE

Dr Eleonora Vagnoni

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EMPLOYMENT

- 01/2020 – present **Lecturer**, Bournemouth University, Bournemouth, UK
Department of Psychology
Faculty of Science and Technology
- 04/2018 – 12/2019 **Lecturer**, Anglia Ruskin University, Cambridge, UK
School of Psychology and Sport Science
Faculty of Science and Engineering
- 09/2017 – 03/2018 **Postdoctoral Collaborator**, Istituto Italiano di Tecnologia, IIT, Genoa
Robotics Brain & Cognitive Science Department
Team Leader Dr Luca Brayda
- 10/2015 - 08/2017 **Postdoctoral Research Associate**, University College London, UCL
Department of Clinical, Educational & Health Psychology
Supervisor Prof Aikaterini Fotopoulou, project: Embodied Minds and Mentalised Bodies: The Bodily Self

FUNDINGS AND AWARDS

- 2019 **European Congress of Psychology Grants Scheme**
- 2012 – 2015 **Economic and Social Research Council, ESRC PhD Studentship**
Bloomsbury Doctoral Training Centre
- 2013-2014 **Bloomsbury Doctoral Training Centre Research Grant**
“Emotion and Space Perception in Driving”

EDUCATION

- 09/2012 – 09/2015 **ESRC Funded PhD**
“The relationship between space perception and emotion investigated through the visual looming effect”
Supervisor: Prof Matthew Longo
Exam Board: Dr José van Velzen, Dr Jaclyn Billington
Department of Psychological Sciences – Birkbeck, University of London
- 10/2007 – 02/2010 **Master’s Degree** in Neuropsychology and Functional Recovery during the life-span.
Final mark 110/110 summa cum laude (1st in the UK system)
Faculty of Psychology – University of Bologna, Italy
- 10/2004 – 07/2007 **Bachelor’s Degree** in Psychology of behavior and social relationships.
Final mark 110/110 summa cum laude (1st in the UK system)
Faculty of Psychology – University of Bologna, Italy

QUALIFICATIONS

PhD | PGCERT | Fellow of the HEA

PUBLICATIONS

Vagnoni, E., Lingard, L., Munro, S., Longo, M. R. (2020). Semantic modulation of time-to-collision judgments. *Neuropsychologia* (147).

Vagnoni, E., & Longo, M. R. (2019) Peripersonal space: Its functions, plasticity, and neural basis. In T. Cheng, O. Deroy, C. Spence (Eds), *Spatial Senses: Philosophy of Perception in an Age of Science* (pp. 199-225). New York, NY: Routledge.

Vagnoni, E., Lewis, J., Tajadura-Jiménez, A., Cardini, F. (2018). Listening to a conversation with aggressive content expands the interpersonal space. *PLoS ONE* 13(3).

Vagnoni, E., Andreadidou, V., Lourenco, S. F., & Longo, M. R. (2017). Action ability modulates time-to-collision judgments. *Experimental Brain Research*, 235, 2729-2739.

Longo, M. R., Trippier, S., **Vagnoni, E.**, & Lourenco, S. F. (2015). Right hemisphere control of visuospatial attention in near space. *Neuropsychologia*, 70, 350-357.

Vagnoni, E., Lourenco, S. F., & Longo, M. R. (2015). Threat modulates neural responses to looming visual stimuli. *European Journal of Neuroscience*, 42, 2190-2202.

Jensen, M., **Vagnoni, E.**, Overgaard, M., Haggard, P. (2013). Experience of action depends on intention, not body movement: An experiment on memory for *mens rea*. *Neuropsychologia*, 5, 122-127.

Ferrè, E. R., **Vagnoni, E.**, Haggard, P. (2013). Vestibular contributions to bodily awareness. *Neuropsychologia*, 51, 1445–1452.

Ferrè, E. R., **Vagnoni, E.**, Haggard, P. (2013). Galvanic vestibular stimulation influences randomness of number generation. *Experimental Brain Research*, 224, 233-241.

Vagnoni, E., Lourenco, S. F., & Longo, M. R. (2012). Threat modulates perception of looming visual stimuli. *Current Biology*, 22, R826-R827.

Manuscripts in Preparation

Vagnoni, E., Von Mohr M., Serino, A., Fotopoulou, A., The influence of Attachment Style on the differentiation between Peripersonal and Extrapersonal Space.

Vagnoni, E., Fasten, P., Fotopoulou, A., The role of the CT-optimal system of the touch giver in the Social Softness Illusion

RESEARCH EXPERIENCE

- 2017 **Visiting Scholar**, University of Cambridge, UK
Department of Engineering, hosted by: Dr Ben Seymour, Dr Flavia Mancini
- 02/2016 - 03/2016 **Lab visit**, École polytechnique fédérale de Lausanne (EPFL)
hosted by Prof Andrea Serino
- 01/2012 – 04/2012 **Internship, Supervisor Prof Patrick Haggard**
Institute of Cognitive Neuroscience, University College London UCL
- 11/2011 – 09/2012 **Visiting student, Supervisor Prof Matthew Longo**
Birkbeck University of London
- 07/2010 – 07/2011 **Post-lauream apprenticeship in experimental neuropsychology for professional qualifying examination, Supervisor Prof Giuseppe di Pellegrino**
Centre for Studies and Research in Cognitive Neuroscience (CsrNC), Italy.
- 02/2010 – 07/2010 **Post-lauream apprenticeship in clinical neuropsychology, Supervisor Prof Giuseppe di Pellegrino**
Centre for Studies and Research in Cognitive Neuroscience (CsrNC), Italy.
- 02/2007 – 06/2007 **Post-lauream apprenticeship, Supervisor Prof Vincenzo Natale**
Faculty of Psychology – University of Bologna - Cronolab Cesena, Italy.

WORKSHOPS AND ADDITIONAL TRAINING

- 2019 **Learning and Teaching (Higher Education) Post Graduate Certificate**
- 2019 **Coaching for Success. Personal Development Tutor**
- 2018 **Introduction to Good Clinical Practice eLearning (Secondary Care)**
- 2018 **Condensed Residential Course for Beginners**
Research Funding Observatory, Anglia Ruskin University
- 2018 **Safety course (MRI physics, MRI and PET/MR safety issues)**
Wolfson Brain Imaging Centre, University of Cambridge
- 2017 **R Workshop and Bayes for Beginners, Doing Bayesian data analysis in psychology and the social sciences**
Nottingham Trent University
- 2015 **Sensation of Movement**
University of London
- 2013 **Matlab for Psychologists**, Course Director: Dr. Antonia Hamilton
School of Psychology, University of Nottingham
- 2012 **Navigation and Spatial Memory in Terrestrial Species**
Centre for Developmental Cognitive Neuroscience (CDCN)
University College London, London.

CONTRIBUTION AT PROFESSIONAL MEETINGS

TALKS

Vagnoni, E., Von Mohr, M., Serino, A., Fotopoulou, A., “The influence of Attachment Style on the differentiation between Peripersonal and Extrapersonal Space” part of the organized symposium ‘The representation of the body’ European Congress of Psychology, Moscow, Russia, July, 2019.

Vagnoni, E., Fotopoulou, A., “The role of the CT-optimal system of the touch giver in the Social Softness Illusion” part of the organized symposium: The role of touch in shaping the relation between the Self and Other. *Congress of the International Neuropsychoanalysis Society*, London, July 2017.

Vagnoni, E., Serino, A., Fotopoulou, A., “The influence of CT-optimal touch on the peripersonal space representation” *Aegina Summer School*, Social Cognition: From interactions to Intersubjectivity, Greece, June 2016.

Vagnoni, E., Lourenco, S.F., Longo, M.R. “Threat Modulates Neural Responses to Looming Visual Stimuli” Senses Research Day, *Rethinking the Senses*, Senate House, University of London, United Kingdom, 2nd June 2015.

Vagnoni, E., Lourenco, S.F., Longo, M.R. “The Influence of our Motor Capabilities on Time-to-Collision Judgments” Senses Research Day, *Rethinking the Senses*, Senate House, University of London, United Kingdom, 19th June 2014.

Vagnoni, E., Longo, M.R. “How Control over a Situation Influences Sensitivity to Looming Objects: The case of driving” *Making an Impact event*, Institute of Education, University of London, United Kingdom, 20th, May 2013.

Vagnoni, E., Lourenco, S.F., Longo, M.R. “Threat Modulates Perception of Looming Visual Stimuli” *International Multisensory Research Forum (IMRF)*, University of Oxford, United Kingdom, 19th -22nd June 2012.

POSTERS

Nataletti S., Vagnoni E., Leo F., Cocchi E., Scafa L., Lumachi S., Giuliani L., Brayda L. “Enhancement of speech-in-noise perception in children with autism spectrum disorder using an assistive listening device” *Cognitive Neuroscience Society Annual Meeting*, Boston, March 23-26th 2019.

Vagnoni, E., Lewis, J., Tajadura-Jiménez, A., Cardini, F. “Listening to a conversation with aggressive content expands the interpersonal space” *International Multisensory Research Forum (IMRF)*, University of Toronto, Canada, 14–17th, June, 2018.

Vagnoni, E., Lourenco, S.F., Longo, M.R. “Threat Modulates Neural Responses to Looming Visual Stimuli” *International Multisensory Research Forum (IMRF)*, Palazzo dei Congressi Pisa, Italy, 13-16th, June 2015.

Vagnoni, E., Lourenco, S.F., Longo, M.R. “Threat Modulates Neural Responses to Looming Visual Stimuli” *European Conference on Visual Perception (ECPV)*, Belgrade, Serbia, 24-28th, August 2014.

Vagnoni, E., Lourenco, S.F., Longo, M.R. “The Influence of our Motor Capabilities on Time-to-Collision Judgments” *International Multisensory Research Forum (IMRF)*, University of van Tilburg, Netherlands, 11-14th, June 2014.

Vagnoni, E., Kelly, R., Richards, A., Longo, M. R. “The Influence of Perceived Motion on Emotional Evaluation” *BPS Cognitive and Developmental Sections*, University of Reading, United Kingdom, 4-6th, September 2013.

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Vagnoni, E., Longo, M.R. “Threat Modulates the Neural Responses to Looming Stimuli” BNA2013, *British Neuroscience Association’s, Exploring and Celebrating Neuroscience*, The Barbican Centre, London, United Kingdom, 7-10th, April 2013.

Vagnoni, E., Lourenco, S.F., Longo, M.R. “Threat Modulates Perception of Looming Visual Stimuli” *Neural Interactions and Affect Basic & Clinical Perspectives*, University of Reading, United Kingdom, 16-17th April, 2012.

ADVISING EXPERIENCE

PhD students

Istituto Italiano di Tecnologia, IIT: Sara Nataletti | University College of London, UCL: Elena Panagiotopoulou

Research Assistants

University College of London, UCL: Susan Ammiri, Karina Dolgilevica | Birkbeck, University of London: Alexandra Vormberg, Rosa Morcom, Jerri Miller, Rachel Kelly, Krisztina Nemeskery, Brice Bourgeois, Sonia Medina

MSc Students

Anglia Ruskin University: Kelly Franklin, Dorne Warner, Bryony Trace, Varshini Harisha, Irem Ozkol | University College of London, UCL: Patrick Fasthén

BSc Students

Bournemouth University: James Graves, Soumaiya Choudhry, Victoria Emery, Ashleigh Walsh, Deacon Clements | Anglia Ruskin University: Oliver Jordan, Violet Jones, Amiyrah Joseph, Penny Howman, Haleema Haffadh, Lucia Meseguer-Gomez | University College of London, UCL: Kamilla Dombai, Zuzanna Slonina | Birkbeck, University of London: Sara Trippier, Karina Dolgilevica, Bernice Hanrahan, Vasiliki Andreanidou, Lee Lingard, Shanette Munro, Ranesa Carridice

AD-HOC REVIEWING

Scientific Reports, Acta Psychologica, Neuroscience of Consciousness, NeuroImage

TEACHING RESPONSIBILITIES

- 2020 Bournemouth University: Module leader of Research Methods 2 (level 5), Emotion, Mental Health and Affective Neuroscience (level 6)
- 2017 - 2019 Anglia Ruskin University: Module leader of Language and Thought (level 6 and 7), Fundamentals of Cognitive Psychology (level 4), Becoming a Researcher -Designing Research-(level 4), Becoming a Researcher -Using Data-(level 4), Learning, Memory, Perception (level 5), Research Techniques for Psychology (level 5), Language and Thought (level 6) and Quantitative Research Methods (level 7)).
- 2015 – 2017 University College London: MATLAB course organizer “Introduction to MATLAB for experimental psychologists” course for PhD Students, University College London, UCL
- 2015 “Understanding the new statistics: Metanalysis” part of a course on practical skills at Birkbeck, University of London
- 2013 “How emotion modulates perception” Invited Lecture, Birkbeck Psychology Society, Birkbeck, University of London

NEUROIMAGING TECHNIQUES AND TECHNICAL SKILLS

Magnetic resonance imaging (MRI), Electroencephalography (EEG) ERPs analysis and Oscillatory Analysis; Transcranial Magnetic Stimulation (TMS); Galvanic Vestibular Stimulation (GVS); YAP laser for nociceptive stimulation; Analysis of physiological signals (electromyography, motor-evoked potentials); Neuronavigation systems for MRI-guided TMS

FOREIGN LANGUAGES

English: Certificate of Proficiency in English (CPE) Cambridge University ESOL; Pre-Sessional English Course at Birkbeck, University of London; English Course for Academic Purposes at UCL Centre for Languages & International Education CLIE)

COMPUTER SKILLS

Programming: MATLAB, (Cogent Graphics, Cogent 2000, EEGLAB, Statistical Parametric Mapping SPM); ExpyVR, software for designing and running virtual reality experiments; E-Prime PST

Statistical Analysis: SPSS, R, GPower, JASP, STATISTICA

Scientific Application: Biopac Student Lab (EMG analysis); SofTactic Optic 1.2 (3D brain neuronavigation); MRICro; Eye-Tracker ASL6000, Fixation Plotting, reading software, Inquisit by Millisecond

Graphics: Adobe Photoshop CS5; ImageJ Image Processing and Analysis in Java; Abrosoft FantaMorph

Video-editing: Wondershare PPT2DVD; Windows Movie Maker

Neuropsychological Tests: Administration and scoring of main neuropsychological tests and questionnaires to evaluation and diagnosis, specifically: MMSE, Stroop, Batteria Computerizzata per l'Esame dell'Attenzione –TEA-, PASAT, B.A.D.A. batteria per l'analisi dei deficit afasici.

COLLECTIVE RESPONSIBILITIES

- 2019 **Anglia Ruskin University Open Day**
2017 **ExpeRience: Midsummer night of science** co-organization of drop-in activities on body image. Public Event at the Royal Institution, London
2016 **Ri Lates: "Touch and Go"** co-organization of drop-in activities on affective touch Public Event at the Royal Institution, London
2013 **Birkbeck University Open Day** "The influence of emotion on perception" practical demonstrations of lab experiments.

MEDIA COVERAGE OF MY RESEARCH

BBC radio Cambridgeshire (25 May, 2018) Dr. Cardini was interviewed for a piece on our study 'Listening to an aggressive conversation expands our interpersonal space'.

Neuroscience News (27 May, 2018) wrote a piece on the Eleonora, Flavia and Ana's study 'Listening to a conversation with aggressive content expands the interpersonal space'

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Investigación Y Ciencia (30 May, 2018) wrote a piece on the study 'Listening to a conversation with aggressive content expands the interpersonal space'

Daily Mail (October 22, 2012) wrote a piece on my study published in the journal *Current Biology* about how threat alters the way we perceive objects that are 'looming' directly towards us.

RedOrbit (October 29, 2012) wrote a piece on my *Current Biology* paper.

Science Daily (October 22, 2012) also wrote a piece about my looming study.

ACADEMIC REFERENCES

Prof Matthew Longo

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Tel: 020 7631 6214

E-mail: mattrlongo@gmail.com

Dr Flavia Cardini

Department of Psychology, Anglia Ruskin, Cambridge

Tel: 01223692346

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