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AOS: Philosophy of Cognitive Science, Philosophy of Mind.

AOC: Epistemology, Philosophy of Biology, Philosophy of Action, Philosophy of Language, General
Philosophy of Science.

Employment

- MindCORE Research Fellow, cross-appointed in Philosophy, Psychology, and Linguistics, University of Pennsylvania, October 2021-September 2024
- VISTA Research Fellow in the Department of Philosophy and Centre for Vision Research, York University (Toronto), July 2019 – September 2021

Education

- DPhil Philosophy, University of Oxford, October 2015-June 2019
Thesis: *The Architecture of Perceptual Systems*, supervised by Ian Phillips, Nicholas Shea & Michael Martin
I argued that there is a perception-thought border in the mind/brain, and that this is vindicated by differences in the format of perceptual/cognitive representations, and the architecture of the mechanisms that manipulate these.
Passed without corrections
- Jane Eliza Procter Fellow, Princeton University, September 2017-September 2018
Prize Fellow in Princeton's Department of Philosophy and Cognitive Science Program
- MPhil Philosophy, University of Warwick, October 2013-Summer 2015
Distinctions in all areas of course work - thesis passed without corrections
- MA Philosophy, University of Edinburgh, September 2008-May 2012
1st Class MA with Honors - dissertation used as an 'exemplar' by the University of Edinburgh

Journal Publications

All co-authored papers were fully collaborative

1. **Clarke, S.** (Forthcoming) 'Mapping the Visual Icon', *The Philosophical Quarterly*.
2. Beck, J. & **Clarke, S.** (Forthcoming) 'Numbers, Numerosities, and New Directions' *Behavioral & Brain Sciences* ([a response to 26 accepted commentaries on our target article](#)).
3. **Clarke, S.** & Beck, J. (Forthcoming) 'The Number Sense Represents (Rational) Numbers', *Behavioral & Brain Sciences* ([to be published with 26 commentaries](#)).
4. **Clarke, S.** (2021) 'Cognitive Penetration and Informational Encapsulation: Have we been failing the module?' *Philosophical Studies* ([winner of Glasgow's 2019 CSPE GEM prize for work on perception](#)).
5. **Clarke, S.** & Beck, J. (2020) 'Does the Number Sense Represent Number?', *Proceedings of the Cognitive Science Society*.
6. **Clarke, S.** (Forthcoming) 'Beyond the Icon: Core Cognition and the Bounds of Perception', *Mind & Language*.
7. **Clarke, S.**, McEllin, L., Francová, A., Székely, M., Butterfill, S., & Michael, J. (2019) 'Joint action goals reduce visuomotor interference from a partner's incongruent action', *Nature's Scientific Reports*.
8. **Clarke, S.** & Anaya, A. (2019) 'Naïve Realism and Phenomenal Similarity', *Inquiry*.
9. Anaya, A. & **Clarke, S.** (2017) 'Naïve Realism and Unconscious Perception', *Analysis*.

Other Writing

10. Clarke, S. (2021) 'Mapping the Mental Image', *Junkyard of the Mind* (invited blogpost)

In Progress/Under Review (with drafts available on request)

1. 'Recent Work on the Perception-Cognition Border' (with J. Beck – invited by *Philosophy Compass*)
2. 'Is Pain Modular?' (we argue that pain is computational and modular – with L. Casser – R&R at *Mind & Language* [13 September 2021])
3. 'Extended Minds and The Epistemic Basing Problem' (argues that the extended mind hypothesis makes a mess of epistemic basing – with S. Keeling – submitted [15 September 2021])
4. 'Object files and perceptual format' (argues that perceptual object representations are iconic)
5. 'Aspects of the theory of visual syntax' (argues that mental images have a syntax, but pictures don't)
6. 'Formal transitions' (argues there is no 'interface problem' when transitioning between mental formats)
7. 'Natural kinds and the perception-cognition border' (considers what it is for perception/cognition to be a natural psychological kind – with J. Quilty-Dunn)
8. 'The inadmissible contents of experience' (argues against rich contents in perceptual experience)
9. 'Two problems of animal consciousness' (critiques 'theory-light' approaches to studying animal consciousness)
10. 'Joint Event Codes' (argues that joint actions change how events are represented – with S. Butterfill & J. Michael)
11. Experimental study (with A. Weksler, E. Hemed & B. Eitam), testing predictions that I made about the format of visual imagery in 'Mapping the Visual Icon'

Awards and Honors

- Glasgow's CSPE GEM Prize, 2019 (awarded to the top-ranked conference submission on perception)
- Jane Eliza Procter Fellowship, 2017-2018, Princeton University (\$30,000 living costs, plus \$47,750 for tuition fees)
- TORCH Conference Grant, June 2017, University of Oxford (£1500)
- AHRC Doctoral Scholarship, 2015-2018, University of Oxford (£45,000, plus tuition and college fee waiver)
- St Anne's College Graduate Award, University of Oxford, 2015-2018 (£9,000—declined)
- AHRC Master's Scholarship, 2013-2015, University of Warwick (£20,000 in total, plus fee waiver)

Work Experience

- Researcher in Philosophy/Psychology, 'The Sense of Commitment Project', University of Warwick, 2018-2019
- Research Assistant in Psychology, Berkeley Early Learning Lab, UC Berkeley, July-August 2013
Research topic: infants' sensitivity to statistical probabilities, supervised by Fei Xu
- Research Assistant in Psychology, Gopnik Cognitive Development Lab, UC Berkeley, July- August 2013
Research topic: counterfactual reasoning in children, supervised by Daphna Buschbaum & Alison Gopnik
- Research Assistant in Cognitive Psychology, University of Edinburgh, Summer 2012
Research topic: cross-modal and postural effects on visual attention, supervised by Elena Gherri

Invited Presentations

1. 'Mapping the Visual Icon' (April 2021), *Senior Seminar*, University of Glasgow
2. 'Which Numbers Does the Number Sense Represent?' (April 2021), *Perception & Mind Lab Meeting*, Johns Hopkins University
3. 'Mapping the Visual Icon' (April 2021), *Philosophy Colloquium*, École Normale Supérieure
4. 'The Number Sense Represents (Rational) Numbers', (March 2021), *Phil & Psych Group*, University of Sheffield
5. 'The Number Sense Represents (Rational) Numbers', (March 2021), *GTA Animal Cognition Group*, University of Toronto
6. 'The Number Sense Represents (Rational) Numbers' (October 2020), *Perception Seminar*, Brown University
7. 'Joint Event Codes' (with Stephen Butterfill and John Michael) (June 2020), *SOMBY Lab*, Central European University
8. 'Is Pain Modular?' (May 2020), *Oxford Mind Series*, University of Oxford
9. 'Mapping the Visual Icon' (February 2020), *Philosophy Colloquium*, University of Miami
10. 'Rethinking visual modularity' (February 2020), *VISTA research conference*, York University
11. 'Cognitive Penetration and Informational Encapsulation: Have we been failing the module?' (November 2019), *MindWork Colloquium*, University of Texas, Austin
12. 'Is Vision Iconic?' (October 2019), *PoPRocks Workshop*, New York University
13. 'Perception is Analogue' (December 2018), *Philosophy Colloquium*, New College of the Humanities
14. 'Representational Formats in Perception and Development' (March 2018), *Neuroscience Institute*, Princeton
15. 'The (Un)limits of Iconicity' (September 2017), *NYC Philosophy of Mind/Psychology Workshop*, CUNY
16. 'Five Obstacles to the Core Cognition of Goals' (May 2017), *Action Mini-Workshop*, University of Warwick
17. 'Seeing Sally's Sadness' (October 2016), *AHRC Welcome Day*, University of Oxford
18. Reply to Anna Ciaunica-Garrouy's 'Basic Forms of Pre-reflective Self-Consciousness' (with Stephen Butterfill), (December 2014) *Mindgrad*, University of Warwick
19. 'Molyneux's Question' (March 2014), *Open Day*, University of Warwick

Refereed Presentations

20. 'Does the Number Sense Represent Number?' (July 2020), *Society for Philosophy and Psychology*
21. 'Does the Number Sense Represent Number?' (April 2021), *Foundations of Animal Minds Conference*, Johns Hopkins
22. 'Does the Number Sense Represent Number?' (July 2020), *Annual Meeting of the Cognitive Science Society*, via Zoom
23. 'Cognitive Penetration and Informational Encapsulation: Have we been failing the module?' (September 2019), *European Society for Philosophy and Psychology*, 2019 meeting, Athens
24. 'Cognitive Penetration and Informational Encapsulation: Have we been failing the module?' (May 2019), *Glasgow Graduate Conference in Epistemology and Mind*, University of Glasgow
25. 'Iconicity and Perception' (June 2018), *CAP*, Université du Québec, Montreal
26. 'Demarcating Perception' (May 2018), *Graduate Conference*, University of Toronto
27. 'Beyond the Icon' (7 April 2018), *Cognition Conference*, CUA, Washington DC
28. 'On Carey's Characterization of Core Cognition' (March 2018), *SSPP*, San Antonio
29. 'Icons, Schmicons and Core Cognition' (November 2017), *Thought and Sense Conference*, Oslo
30. 'Don't Fail the Module!' (December 2016), *Mindgrad*, University of Warwick
31. 'Don't Fail the Module!' (November 2016), *Neurophilosophy Lunchtime Seminar*, University of Milan
32. 'Goal Ascription for the A-rational' (September 2016), *Minds Online*, The Brains Blog (with published commentaries by Kristen Andrews, Mitchell Herschbach and Joulia Smortchkova)

33. 'Modularity as a Natural Kind' (September 2016), *The London Philosophy of Science Graduate Conference*, UCL
34. 'Thoughtless Goal Ascriptions' (April 2016), *Social Cognition & Memory*, York University
35. 'Seeing Sally's Sadness' (December 2015), *Open Minds XI*, University of Manchester
36. 'Molyneux's Question and Cognitive Science' (May 2015), *BPPA workshop on sense and space*, UCL
37. 'Can Humans Visually Experience Goal Outcomes?' (September 2014), *ESPP*, 22nd Annual Meeting, Noto

Teaching

Courses taught as sole instructor:

- *Seminar in Cognitive Science*, Seminars and Senior Thesis Supervision, York University, Toronto (2019-20)
- *Minds and Machines*, Lecture course, University of Oxford (2018)
- *Philosophy of Cognitive Science*, Tutorials, University of Oxford (2018-2019)
- *Philosophy of Mind*, Tutorials, University of Oxford (2018-2019)
- *General Philosophy* (Intro to Epistemology and Metaphysics), Tutorials, University of Oxford (2016)
- *Knowledge & Reality* (Advanced topics in Epistemology and Metaphysics), Tutorials, University of Oxford (2016-17)
- *Philosophy of Science*, Seminars, Pembroke College, Oxford (2016)
- *Hume's Philosophy of Religion*, Lecturing and Outreach, Oxford, Manchester, and London (2016; 2019)

Guest lectures:

- *Philosophy of Cognitive Science*, Guest Lecture (invited by Martin Davies), University of Oxford (2017)
- *Philosophy of Action*, Guest Lecture (invited by Denis Buehler), University of Oxford (2017)

Other teaching:

- *Ethics*, A-Level Tutoring, Oxford (2016-17)
- Class facilitator for *The Philosophy Foundation*, teaching 7-8year-olds philosophy in London and Edinburgh (2012-13)

Professional Service

- Organizing the Philosophy of Perception Reading Group (PPRG) at York (2020-2021)
- Coordinating iCog's 2019 *Research Grants* (funding interdisciplinary collaborations between junior scholars)
- Lead Co-Organizer of conference on *The Formats of Vision and Thought*, Toronto, ON
- Local Organizer for the *European Society for Philosophy and Psychology* (2019 meeting in Athens)
- Lead Organizer of *iCog 4: a conference on Action Perception* (June 2017), Oxford
- Lead Organizer of the Oxford Graduate Philosophy Conference, (November 2016), University of Oxford
- Co-Organizer of the Jowett Society Speaker Series (2016-2017), University of Oxford
- Peer review: *Analysis* (x2), *Analytic Philosophy*, *Australasian Journal of Philosophy*, *Biological Theory*, *British Journal for the Philosophy of Science* (x2), *Canadian Journal of Philosophy* (x2), *Consciousness & Cognition*, *Developmental Science*, *Erkenntnis*, *European Journal of Philosophy*, *European Journal for Philosophy of Science*, *Inquiry*, *Mind* (x2), *Mind & Language* (x3), *Philosophical Psychology* (x3), *The Philosophical Quarterly*, *Philosophical Studies*, *Review of Philosophy and Psychology*, *Routledge* (x2), *Synthese* (x6), *Topoi*, *WIREs Cognitive Science*.

References:

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(Further references available upon request)