

Stephen Andrew Butterfill

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Present position

10.07– Professor of Philosophy (Associate until 06.18),
University of Warwick

Academic activities (selected)

- 02.17– Ruhr-Universität Research School PLUS Visiting International
Professor Fellowship, Bochum
- 09.16– Editor (one of a team of thirteen editors), Mind and Language
- 09.18–09.21 Associate Investigator with Jason Low (PI), *Does the Tracking of
Others' Mental States Depend on Motor Processes? Why
Constraining Your Body Limits Your Understanding of Others'
Minds* (Royal Society of New Zealand Marsden Fund 17-VUW-
074, contract VUW1706)
- 09.12–12.12 Visiting Professor, Department of Cognitive Science, Central
European University, Budapest
- 08.11–08.12 Co-Organiser with Thomas Smith, *Collective Intentionality VIII*,
Manchester, August 24-27 2012
- 01.05–09.05 Associate Editor, Mind
- 09.04–08.07 Programme Chair, European Society for Philosophy and
Psychology

Education, scholarships and previous academic employment

- 10.04–09.07 Research Fellow on AHRC-funded project, 'Causal Understanding:
Empirical and Theoretical Foundations for a New Approach',
University of Warwick
- 10.01–09.04 Research Fellow, St. John's College, Cambridge
- 10.99–09.03 D.Phil in Philosophy, St. Catherine's College, Oxford
Thesis: 'Beliefs and how they are acquired'
- 10.99–09.01 Stipendiary Lectureship, St Catherine's College, Oxford
AHRB (since renamed AHRC) studentship
St. Catherine's College senior scholarship
- 10.97–06.99 B.Phil in Philosophy, Wadham College, Oxford
AHRB studentship
Wadham College graduate scholarship
- 10.91–06.94 BA in Mathematics and Philosophy, 1st class,
Wadham College, Oxford
College scholarship (1992–4)

Publications

Book

Stephen A. Butterfill, *The Developing Mind* (2020), London: Routledge

Journal Articles

- Pascarelli, Maria T., D. Quarona, G. Barchiesi, G. Riva, Stephen A. Butterfill, and Corrado Sinigaglia. 'Principles of Belief Acquisition. How We Read Other Minds' (2024), Consciousness and Cognition 117: 103625. (doi: 10.1016/j.concog.2023.103625)
- Székely, Marcell, Stephen A. Butterfill, and John Michael. 'Effort-Based Decision Making in Joint Action: Evidence of a Sense of Fairness' (2024), Journal of Experimental Social Psychology 112:104601. (doi: 10.1016/j.jesp.2024.104601)
- Zani, Giovanni, Stephen A. Butterfill, and Jason Low. 'Mindreading by Body: Incorporating Mediolateral Balance and Mouse-Tracking Measures to Examine the Motor Basis of Adults' False-Belief Tracking' (2023), Royal Society Open Science 10(5): 221212. (doi: 10.1098/rsos.221212)
- Low, Jason, Stephen A. Butterfill, and John Michael. 'A View from Mindreading on Fast-and-Slow Thinking [commentary]' (2023), Behavioral and Brain Sciences 46: e130. (doi: 10.1017/S0140525X22002898)
- Stephen A. Butterfill & Corrado Sinigaglia, 'Towards a Mechanistically Neutral Account of Acting Jointly: The Notion of a Collective Goal' (2022), Mind 132(525):1–29 (doi: 10.1093/mind/fzab096)
- Sinigaglia, Corrado, and Stephen A. Butterfill. 'Motor Representation in Acting Together' (2022), Synthese, 200(2): 82-98 (doi: 10.1007/s11229-022-03539-8)
- Michael, John, and Stephen A. Butterfill. 'Intuitions about Joint Commitment'. Philosophical Psychology 0, no. 0 (2022): 1–16. (doi: 09515089.2022.2153659)
- Lucia Sacheli, Elisa Arcangeli, Desiré Carioti, Stephen A. Butterfill, and Manuela Berlingeri. 'Taking apart what brings us together: The role of action prediction, perspective-taking, and theory of mind in joint action' (2022), Quarterly Journal of Experimental Psychology, 75(7):1228-1243
- Stephen A. Butterfill, 'Goals and Targets: A Developmental Puzzle about Sensitivity to Others' Actions' (2021), Synthese 198(1): 3969–3990 (doi: 10.1007/s11229-019-02214-9)
- Jason Low, Katheryn Edwards, and Stephen A. Butterfill. 'Visibly constraining an agent modulates observers' automatic false-belief tracking' (2020), Scientific Reports, 10(1):11311
- Zani, Giovanni, Stephen A. Butterfill, and Jason Low. 'Mindreading in the Balance: Adults' Mediolateral Leaning and Anticipatory Looking Foretell Others' Action Preparation in a False-Belief Interactive Task' (2020), Royal Society Open Science 7:191167
- Ooi, Jinnie, John Michael, Sakari Lemola, Stephen A. Butterfill, Cynthia S. Q. Siew, and Lukasz Walasek. 'Interpersonal Functioning in Borderline Personality Disorder Traits: A Social Media Perspective' (2020), Scientific Reports 10(1):1–8
- Clarke, Sam, Luke McEllin, Anna Francová, Marcell Székely, Stephen A. Butterfill, and John Michael. 'Joint Action Goals Reduce Visuomotor Interference

- Effects from a Partner's Incongruent Actions' (2019), Scientific Reports 9(1):1–9
- Stephen A. Butterfill & Elisabeth Pacherie, 'Towards a Blueprint for a Social Animal' (2020). In Anika Fiebich (ed), *Minimal Cooperation and Shared Agency*, Springer: Dordrecht
- Corrado Sinigaglia & Stephen A. Butterfill, 'Motor Representation and Action Experience in Joint Action' (2020). In Anika Fiebich (ed), *Minimal Cooperation and Shared Agency*, Springer: Dordrecht
- Corrado Sinigaglia & Stephen A. Butterfill, 'Motor Representation and Knowledge of Skilled Action' (2020). In Ellen Fridland & Carlotta Pavese (eds) *Routledge Handbook of Skill and Expertise*. Routledge: London
- John Michael, Thomas Wolf, Clement Letesson, Stephen A. Butterfill, Joshua Skewes & Jakob Hohwy, 'Seeing It Both Ways: Using a double-cueing task to investigate the role of spatial cueing in level-1 visual perspective-taking' (2018), Journal of Experimental Psychology: Human Perception and Performance 44(5): 693–702
- Stephen A. Butterfill, 'Coordinating Joint Action' (2017). In Kirk Ludwig & Marija Jankovic (eds) *Routledge Handbook on Collective Intentionality*. Routledge: London, pp. 68–82
- Ella Fizke, Stephen A. Butterfill, Lea van de Loo, Eva Reindl & Hannes Rakoczy, 'Are There Signature Limits in Early Theory of Mind?' (2017), Journal of Experimental Child Psychology 162, pp. 209–224.
- Francesco della Gatta, Francesca Garbarini, Marco Rabuffetti, Luca Viganò, Stephen A. Butterfill & Corrado Sinigaglia, 'Drawn Together: When Motor Representations Ground Joint Actions' (2017), Cognition 165, pp. 53–60.
- Stephen A. Butterfill, 'Tracking and Representing Others' Mental States' (2017), Kristin Andrews & Jacob Beck (eds), *Routledge Companion to the Philosophy of Animal Minds*. Routledge: London, pp. 269–279
- Stephen A. Butterfill, 'Joint Action: A Minimalist Approach' (2017), Julian Kiverstein (ed), *Routledge Handbook on the Social Mind*. Routledge: London, pp. 357–369
- Stephen A. Butterfill, 'Review of Margaret Gilbert, *Joint Commitment: How We Make the Social World*' (2017) Journal of Moral Philosophy 14(4), pp. 475–478
- Stephen A. Butterfill & Ian Apperly, 'Is Goal Ascription Possible in Minimal Mindreading?' Reply to Michael and Christensen (2016) Psychological Review 123(2), pp. 228–233
- Jason Low, Ian Apperly, Stephen A. Butterfill & Hannes Rakoczy, 'Cognitive Architecture of Belief Reasoning in Children and Adults: A Two-Systems Account Primer' (2016), Child Development Perspectives 10(3), pp. 184–9.
- Stephen A. Butterfill, 'Planning for Collective Agency' (2016), in C. Misselhorn (ed), *Collective Agency and Cooperation in Natural and Artificial Systems*, Synthese Library, Philosophical Studies Series volume 122, pp. 149–168. Springer, New York.
- Corrado Sinigaglia & Stephen A. Butterfill, 'On a Puzzle about Relations between Thought, Experience and the Motoric' (2015), Synthese 192(6), pp. 1923–1936
- Corrado Sinigaglia & Stephen A. Butterfill, 'Motor Representation in Goal Ascription' (2016), in J. Coello & M. H. Fischer (eds.) *Foundations of Embodied Cognition*, pp. 149–164. Psychology Press, Hove.

- Stephen A. Butterfill, 'Perceiving Expressions of Emotion: What evidence could bear on questions about perceptual experience of mental states?' (2015), Consciousness and Cognition 36, pp. 438–451
- Thomas Hills & Stephen A. Butterfill, 'From foraging to auto-noetic consciousness: The primal self as a consequence of embodied prospective foraging' (2015), Current Zoology 61(2), pp. 368–381
- Stephen A. Butterfill & Corrado Sinigaglia, 'Intention and Motor Representation in Purposive Action' (2014), Philosophy and Phenomenological Research 88(1), pp. 119–145
- Stephen A. Butterfill, 'Interacting Mindreaders' (2013), Philosophical Studies 165(3), pp. 841–863
- Stephen A. Butterfill, 'What Does Knowledge Explain? Commentary on Jennifer Nagel' (2013), in Gendler, T. S. and Hawthorn, J. (eds.) *Oxford Studies in Epistemology*, volume 4, pp. 309–320. Oxford University Press, Oxford.
- Stephen A. Butterfill & Ian Apperly, 'How to Construct a Minimal Theory of Mind' (2013), Mind and Language 28(5), pp. 606–637
- Stephen A. Butterfill, 'Joint Action and Development' (2012), Philosophical Quarterly 62(246), pp. 23–47
- Teresa McCormack, Christoph Hoerl & Stephen A. Butterfill (eds.), *Tool use and causal cognition*. Oxford University Press (2012).
- Teresa McCormack, Christoph Hoerl & Stephen A. Butterfill, 'Tool Use and Causal Cognition: An Introduction', Oxford University Press (2012).
- Andrew Surtees, Stephen A. Butterfill & Ian Apperly, 'Direct and indirect measures of Level-2 perspective-taking in children and adults' (2012), British Journal of Developmental Psychology 30(1), pp. 75–86
- Stephen A. Butterfill & Natalie Sebanz (eds.), *Joint Action: What Is Shared?* (2011), Special issue of the Review of Philosophy and Psychology, 2(2)
- Stephen A. Butterfill & Natalie Sebanz 'Introduction to the Special Issue on Joint Action: What Is Shared?' (2011), Review of Philosophy and Psychology, 2(2)
- Guenther Knoblich, Stephen A. Butterfill & Natalie Sebanz, 'Psychological Research on Joint Action: Theory and Data' (2011), in B. Ross (ed.), *Psychology of Learning and Motivation* volume 51, pp. 59–101. Academic Press
- Elizabeth J. Robinson, Stephen A. Butterfill & Erika Nurmsoo, 'Gaining Knowledge via Other Minds: Children's Flexible Trust in Others as Sources of Information' (2011), British Journal of Developmental Psychology 29(4), pp. 961–980
- Stephen A. Butterfill, 'Infants' representations of causation' (2011), Behavioral and Brain Sciences 34(3), pp. 126–127
- Erika Nurmsoo, Elizabeth Robinson, & Stephen A. Butterfill, 'Children's Selective Learning from Others' (2010) Review of Philosophy and Psychology 1(4), pp. 551–561
- Cordula Vesper, Stephen A. Butterfill, Guenther Knoblich & Natalie Sebanz, 'A Minimal Architecture for Joint Action' (2010), Neural Networks 23(8–9), pp. 998–1003
- Ian Apperly & Stephen A. Butterfill, 'Do Humans Have Two Systems to Track Beliefs and Belief-like States?' (2009), Psychological Review 116(4), pp. 953–970

- Teresa McCormack, Stephen A. Butterfill, Christoph Hoerl & Patrick Burns, 'Cue Competition Effects and Young Children's Causal and Counterfactual Inferences' (2009), Developmental Psychology 45(6), pp. 1563-1575
- Stephen A. Butterfill, 'Seeing Causes and Hearing Gestures' (2009), Philosophical Quarterly 59(236) , pp. 405-428
- Stephen A. Butterfill, 'Review of Self-Knowing Agents by Lucy O'Brien' (2009), Philosophical Review 118(3)
- Stephen A. Butterfill, 'Review of *Anti-Individualism: Mind and Language, Knowledge and Justification* by Sanford Goldberg' (2009), Analysis 69(3), pp. 582-585
- Stephen A. Butterfill, 'Review of *The Rational Imagination* by Ruth Byrne' (2008), Mind 117(468), pp. 1065-1069
- Stephen A. Butterfill, 'What Are Modules?' (2007), Mind and Language 22(4), pp. 450-473
- Stephen A. Butterfill, 'Review of *Consciousness: New Philosophical Perspectives* edited by Quentin Smith and Aleksander Jokic' (2005), Philosophical Quarterly 55(219), pp. 373-375
- Stephen A. Butterfill, 'Review of *Thinking without Words* by José Luis Bermúdez' (2004), Mind 113(452), pp. 733-736
- Stephen A. Butterfill, 'Awareness of Belief' (2001), in A. Beckermann and C. Nimtz (eds.), *Argument & Analyse*, vol. 2. Bielefeld: Mentis, pp. 362-372
- Stephen A. Butterfill, 'Two Kinds of Purposive Action' (2001), European Journal of Philosophy 9(2), pp. 141-165

Teaching

Student evaluations: <https://www.butterfill.com/#student-evaluations>

Philosophical Issues in Behavioural Science: from Individual to Collaborative Action (2021–) for undergraduate students at the University of Warwick

--- [youtube lectures, slides and handouts](#)

--- [week-by-week guide with assessment details \(2021-22\)](#)

Moral Psychology: The Science of Good and Evil? (2019–) for undergraduate students at the University of Warwick

--- [youtube lectures, slides and handouts](#)

--- [week-by-week guide with assessment details \(2020-21\)](#)

[Are Two Systems Better Than One? \(2021-2\)](#) with Corrado Sinigaglia for PhD students at the University of Milan, Italy

[Mind and Reality \(2020-21\)](#) for undergraduate students at the University of Warwick

Central Themes in Philosophy (2020) an introductory course for first-year undergraduate students at the University of Warwick

Philosophical Psychology (2016–) for postgraduate students at the University of Warwick

Joint Action (2015–) for undergraduates at the University of Warwick

Social Cognition (2015–) for undergraduates at the University of Warwick

Origins of Mind (2013–) for undergraduate and postgraduate students at the University of Warwick; other versions of this course were also taught as a PhD class in September 2014 at the Department of Philosophy, Università degli Studi di Milano, Italy; as a blockseminar at the Department of Philosophy, University of Tuebingen in December 2015 (part I) and February 2017 (part II); and as a Swedish National Graduate Course at Umeå University in November 2018.

Mindreading and Joint Action: Philosophical Tools (2012–3) for PhD students in philosophy and cognitive science at Central European University, Budapest

Joint Action and the Emergence of Mindreading (2011–2), five lectures for postgraduates in philosophy at the University of Warwick

Logic I: Introduction to Symbolic Logic (2006–12, 2014, 2016) for first-year undergraduates in philosophy at the University of Warwick

Logic II: Metatheory (2009–10) for honours-level undergraduates in philosophy and mathematics at the University of Warwick (covers the Henkin completeness proof for first-order logic and some related results)

Philosophical Issues in Cognitive Development (2008–9) for postgraduates at the University of Warwick

Meaning and Communication (2006–9) for first-year undergraduates at the University of Warwick

Philosophy of Logic (2005–6) for undergraduates at the University of Warwick

Thought and Language (2004–6 and 2018–9 undergraduates) for undergraduates at the University of Warwick

Causal Understanding (2004–8) for postgraduates at the University of Warwick

Developing Minds (2002–3) with James Russell for undergraduates in psychology and philosophy at the University of Cambridge

Language and Action (2002–3) for undergraduates in philosophy at the University of Cambridge

PhD Supervision as Main Supervisor

01.21–	Jacob Sipes
09.20–	Johan Heemskerk
09.19–	Matthew Chennells
09.12–11.19	Stephen Thorneycroft (PhD awarded, part time)
09.14–06.18	Vladyslav Bibichkov (PhD awarded)
09.07–09.09	Richard Moore (PhD awarded)
01.07–03.08	Jonathan Roberts (PhD awarded)