

# Joshua Shepherd

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<https://sites.google.com/site/shepherdphilosophy>

## **EMPLOYMENT**

2023-present	ICREA/Universitat Autònoma de Barcelona ICREA Research Professor	Barcelona, Spain
2020-2023	Carleton University Associate Professor of Philosophy	Ottawa, Canada
2018-2023	University of Barcelona PI, Rethinking Conscious Agency, ERC funded project	Barcelona, Spain
2017-2020	Carleton University Assistant Professor of Philosophy	Ottawa, Canada
2014-2017	University of Oxford Wellcome Trust Research Fellow, Oxford Uehiro Centre Junior Research Fellow, Jesus College	Oxford, England
2013-2014	University of Oxford Postdoctoral Research Fellow, Oxford Centre for Neuroethics	Oxford, England

## **EDUCATION**

Florida State University	2009-2013	Ph.D. in Philosophy Dissertation: <i>Intentional Control and Consciousness</i> (Directed by Alfred Mele)
Colorado State University	2007-2009	M.A. in Philosophy

## **FELLOWSHIPS**

Azrieli Global Scholar Fellowship (CAD 100,000), from Canadian Institute for Advanced Research (CIFAR) Azrieli Program on Mind, Brain, and Consciousness, 2019-2022

Wellcome Trust Society and Ethics Fellowship (£140,424), “The ethical significance of consciousness for bioethics,” Principal Investigator, 2014-2017.

Junior Research Fellowship, Jesus College, University of Oxford, 2014-2017.

James Martin Fellowship, Oxford Martin School, University of Oxford, 2014-2017.

## **GRANTS**

### **Principal Investigator**

Templeton World Charity Foundation, Inc. 32583 (USD 260,000), “The composition of creative intelligence,” 2024-2026

European Research Council Starting Grant 757698 (EUR 1,064,471), “Rethinking conscious agency,” 2018-2023

### **Co-Principal Investigator**

Functions of Consciousness, CIFAR Catalyst Grant, co-PI with Tim Bayne and Robert Kentridge (CAD 25,000), 2020-22.

Discovery, Re-Discovered, CIFAR Catalyst Grant, co-PI with Rafaella Margutti (CAD 33,000), 2020-22.

### **Co-investigator**

*Philosophy and Science of Self-Control* project grant (John Templeton Foundation), “Attentional Control and Self-Control,” (USD 240,767) with Glyn Humphreys (first PI), Matthew Rushworth (second PI), Neil Levy, Jeanette Kennett, Julian Savulescu, Alex Sel, 2015-2017.

CIFAR/Jacobs Foundation seed funding (CAD 50,000), “Tolerance for uncertainty across individuals and learning contexts,” with Becket Ebitz, Caren Walker (PI), Iair Arcavi, Julia Leonard, Darko Odic, and Alexei Ourjountsev, 2023-2024

CIFAR/Jacobs Foundation seed funding (CAD 50,000), “Big data, little kids,” with Katie McAuliffe (PI), Jan Engelmann, and Patricia Lockwood, 2023-2024

CIFAR Catalyst Grant (CAD 50,000), “Novel methods in mind-reading, at scale,” with Katie McAuliffe (PI), Renee Hlozek, Craig Chapman, Ali Boyle, 2025-2026

### **Co-awardee**

(with M. J. Crockett) Jesus College Development Fund grant (£5000) for a Moral Psychology Speaker Series, 2015-2016.

(with Ian Phillips) Faculty of Philosophy grant (£500) for convening the Philosophy of Mind work-in-progress group, 2014-2015.

(with Ian Phillips) *Mind* minor conference grant (£182), and Oxford Faculty of Philosophy conference grant (£500), for the purpose of organizing the 9<sup>th</sup> UK MindNet meeting, March 2014

## **PUBLICATIONS**

### Books

1. *The Shape of Agency: Control, Action, Skill, Knowledge* (2021). Oxford University Press.  
+Reviewed in: *Mind*, *Australasian Journal of Philosophy*, *Journal of Moral Philosophy*, *Suranee Journal of Social Science*

\*Author meets critics at Eastern APA, Jan. 2021, with Sarah Paul, Kim Frost, and Andrei Buckareff, at <https://philpapers.org/rec/FROAAM-3>

\*Book workshop hosted by the Jean Nicod Institute, Paris, Nov. 2021

2. *Consciousness and Moral Status* (2018). Routledge.

#### Journal Articles

3. Shepherd, J. (forthcoming). Salvaging the “sense of agency”: Metacognitive feelings for flexible behavioral control. *The Journal of Philosophy*.
4. **Shepherd, J.**, & Rivadulla-Duró, A. (2026). Intention, control, and the feeling of commitment. *New Ideas in Psychology*.
5. Mylopoulos, M., Pacherie, E., & **Shepherd, J.** (forthcoming). Motoric representational format. *Philosophical Studies*.
6. Krasich, K., Murray, S. Ghelfi, A., De Brigard, F. & **Shepherd, J.** (2026). Mental control and effort differ across different kinds of mental action. *Consciousness and Cognition* 139 (103996): 1-14.
7. **Shepherd, J.**, & Bayne, T. (forthcoming). How to think about the functions of consciousness. *Australasian Journal of Philosophy*.
8. Brozzo, C., & **Shepherd, J.** (forthcoming). Pointless distractions and procrastination: The subtle and silent role of effort avoidance in action selection. *Synthese*.
9. Forber, P., Downes, S., & **Shepherd, J.** (forthcoming). Cooperation, cognition, and the elusive role of joint agency. *Philosophy of Science*.
10. Shepherd, J. (2025). The nature of mental imagery: Beyond a basic view. *Analysis*.
11. Bayne, T., Seth, A.K., Massimini, M., **Shepherd, J.**, Cleeremans, A., Fleming, S.M., Malach, R., Mattingley, J.B., Menon, D.K., Owen, A.M., Peters, M.A.K., Razi, A., Liad Mudrik, L. (2024). Tests for consciousness in humans and beyond. *Trends in Cognitive Sciences*, <https://doi.org/10.1016/j.tics.2024.01.010>.
12. Shepherd, J. (2024). Sentience, vulcans, and zombies: The value of phenomenal consciousness. *AI & Society*, 1-11.
13. Brod, G., Kucirkova, N., **Shepherd, J.**, Jolles, D., & Molenaar, I. (2023). Agency in educational technology: Interdisciplinary perspectives and implications for learning design. *Educational Psychology Review*, 35(1), 25.
14. Carter, J. A., & **Shepherd, J.** (2023). Intentional action and knowledge-centered theories of control. *Philosophical Studies*, 180(3), 957-977.
15. Shepherd, J. (2023). Conscious cognitive effort and cognitive control. *WIREs Cognitive Science*, 14(2), e1629.
16. Shepherd, J. (2023). Non-human moral status: Problems with phenomenal consciousness. *AJOB Neuroscience*, 14(2), 148-157.  
  
\*Target article. Responses in Volume 14, Issue 2:  
<https://www.tandfonline.com/toc/uabn20/14/2>
17. **Shepherd, J.**, & Carter, J. A. (2023). Knowledge, Practical Knowledge, and Intentional Action. *Ergo*, 9.

18. Shepherd, J. (2022). Practical structure and moral skill. *Philosophical Quarterly*. DOI: 10.1093/pq/pqab047.
19. Shepherd, J. (2022). Flow and the dynamics of conscious thought. *Phenomenology and the Cognitive Sciences*. DOI: 10.1007/s11097-021-09762-x.
20. Niikawa, T., Hayashi, Y., **Shepherd, J.**, & Sawai, T. (2022). Human brain organoids and consciousness. *Neuroethics*, 15(1), 5.
21. Sawai, T., Hayashi, Y., Niikawa, T., **Shepherd, J.**, Thomas, E., Lee, T. L., Erler, A., Watanabe, M. & Sakaguchi, H. (2022). Mapping the ethical issues of brain organoid research and application. *AJOB Neuroscience*, 13(2), 81-94.
22. **Shepherd, J.**, & Mylopoulos, M. (2021). Unconscious perception and central coordinating agency. *Philosophical Studies*, 178, 3869-3923.
23. Shepherd, J. (2021). Skill and sensitivity to reasons. *Review of Philosophy and Psychology* 12: 669-681. <https://doi.org/10.1007/s13164-020-00515-4>
24. Shepherd, J. (2021). Intelligent action guidance and the use of mixed representational formats. *Synthese* 198: 4143-4162. <https://doi.org/10.1007/s11229-018-1892-7>
25. Björnsson, G., & **Shepherd, J.** (2020). Determinism and attributions of consciousness. *Philosophical Psychology*, 33(4), 549-568.
26. Shepherd, J. (2019). Why does the mind wander? *Neuroscience of Consciousness*, Volume 2019, Issue 1, 2019, niz014, <https://doi.org/10.1093/nc/niz014>
27. Shepherd, J. (2019). Skilled action and the double life of intention. *Philosophy and Phenomenological Research* 98(2): 285-306.
28. Sel, A., Sui, J., **Shepherd, J.**, & Humphreys, G. (2019). Self-association and attentional processing regarding perceptually salient items. *Review of Philosophy and Psychology*, 10(4), 735-746.
29. Carter, J. A., Pritchard, D., & **Shepherd, J.** (2019). Knowledge-how, understanding-why and epistemic luck: An experimental study. *Review of Philosophy and Psychology*, 10, 701-734.
30. Shepherd, J. (2018). Intending, believing, and supposing at will. *Ratio* 31(3): 321-330.
31. Shepherd, J. (2017). The experience of acting and the structure of phenomenal consciousness. *The Journal of Philosophy* 114(8): 422-448.
32. Shepherd, J. (2017). Half-hearted action and control. *Ergo* 4(9): 257-276.  
 \*June 2018, Symposium on this article at *Philosophy of Brains*, with commentary by Zachary Irvine, Nora Heinzelmann, and Andreas Elpidorou:  
<http://philosophyofbrains.com/2018/04/30/symposium-on-joshua-shepherds-halfhearted-action-and-control.aspx>
33. Shepherd, J. (2017). The moral insignificance of self-consciousness. *European Journal of Philosophy* 25(2): 395-415.
34. Shepherd, J. (2016). Kriegel on phenomenology of action. *Rivista Internazionale di Filosofia e Psicologia* 7(2): 264-272.

35. Shepherd, J. (2016). Conscious action/Zombie action. *Noûs* 50(2): 219-244.
36. Gomes, A., Parrott, M., & **Shepherd, J.** (2016). More dead than dead? Attributing mentality to vegetative state patients. *Philosophical Psychology*, 29(1), 84-95.
37. Shepherd, J. (2015). Conscious control over action. *Mind & Language* 30(3): 320-344.
38. **Shepherd, J.**, & Justus, J. (2015). X-phi and Carnapian explication. *Erkenntnis*, 80, 381-402.
39. Shepherd, J. (2015). Deciding as intentional action: Control over decisions. *Australasian Journal of Philosophy* 93(2): 335-351.
40. Shepherd, J. (2015). Scientific challenges to free will and moral responsibility. *Philosophy Compass* 10(3): 197-207.
41. Shepherd, J. (2015). Consciousness, free will, and moral responsibility: Taking the folk seriously. *Philosophical Psychology* 28(7): 929-946.
42. Clarke, R., **Shepherd, J.**, Stigall, J., Waller, R. R., & Zarpentine, C. (2015). Causation, norms, and omissions: A study of causal judgments. *Philosophical Psychology*, 28(2), 279-293.
43. Shepherd, J. (2014). The contours of control. *Philosophical Studies* 170(3): 395-411.
44. Shepherd, J. (2014). Causalism and intentional omission. *American Philosophical Quarterly* 51: 15-26.
45. Mele, A. R., & **Shepherd, J.** (2013). Situationism and agency. *Journal of Practical Ethics*, 1(1).
46. Shepherd, J. (2013). Why Block can't stand the HOT. *Journal of Consciousness Studies* 20(3-4): 183-195.
47. Shepherd, J. (2013). The apparent illusion of conscious deciding. *Philosophical Explorations* 16(1): 18-30.
48. Shepherd, J. (2012). Action, mindreading and embodied social cognition. *Phenomenology and the Cognitive Sciences* 11(4): 507-518.
49. Shepherd, J. (2012). Action, attitude, and the Knobe Effect: Another asymmetry. *Review of Philosophy and Psychology* 3(2): 171-185.
50. Shepherd, J. (2012). Free will and consciousness: Experimental studies. *Consciousness and Cognition* 21(2): 915-927.

#### Book chapters

51. Shepherd, J. (2023). Disappearing agents, mental action, rational glue. In Michael Brent and Lisa Miracchi Titus (eds.), *Mental Action and the Conscious Mind* (pp. 14-30). Routledge.
52. Shepherd, J. (2022). Bodily skill. In Adrian J.T. Alsmith and Matthew Longo (eds.), *The Routledge Handbook of Bodily Awareness* (pp. 309-320). Routledge.

53. Shepherd, J. (2021). The moral status of conscious subjects. In Stephen Clarke, Hazem Zohny and Julian Savulescu (eds.), *Rethinking Moral Status* (pp. 57-73). Oxford University Press.
54. Shepherd, J. (2020). The Targets of Skill, and their Importance. In Ellen Fridland and Carlotta Pavese (eds.), *The Routledge Handbook of Philosophy of Skill And Expertise* (pp. 269-278). Routledge.
55. Sel, Alejandra, & **Shepherd, J.** (2020). Inhibitory control and self-control, in Alfred Mele (ed.), *Surrounding Self-Control*. Oxford University Press.
56. Mylopoulos, M., & **Shepherd, J.** (2020). Agentive Phenomenology. In U. Kriegel (ed.), *The Oxford Handbook of the Philosophy of Consciousness*. Oxford University Press.
57. **Shepherd, J.**, & Levy, N. (2020). Consciousness and morality. In U. Kriegel (ed.), *The Oxford Handbook of the Philosophy of Consciousness*. Oxford University Press.
58. Shepherd, J. (2018). Disabilities and wellbeing: The bad and the neutral. In Adam Cureton and David Wasserman (eds.), *Oxford Handbook of Philosophy and Disability*. Oxford University Press.
59. Shepherd, J. (2017). The folk psychological roots of free will. In *Advances in Experimental Philosophy and Metaphysics*, David Rose (ed.), Bloomsbury, 95-115.
60. Shepherd, J. (2016). Neuroscientific threats to free will. In *Routledge Companion to Free Will*, Meghan Griffith, Neil Levy, and Kevin Timpe (eds.), Routledge, 423-433.
61. Shepherd, J. (2016). The morality of sport hatred. In *Philosophers Take on the World*, David Edmonds (ed.). Oxford University Press, 133-137.
62. Shepherd, J. (2016). Moral conflict and the minimally conscious state. In *Consciousness After Severe Brain Damage: Medical, Legal, Ethical, and Philosophical Perspectives*, Walter Sinnott-Armstrong (ed.), Oxford University Press, 160-179.
63. **Shepherd, J.**, & Bishop, M. (2015). Argumente für die naturalisierte Erkenntnistheorie. In Dirk Koppleberg and Stefan Tolksdorf (eds.), *Erkenntnistheorie—Wie und Wozu?* (pp. 245-273) Münster, Germany, Mentis Verlag.

#### Commentaries

64. Shepherd, J. (forthcoming). Functions of consciousness: Proprioception and mental imagery. *Behavioral and Brain Sciences*.
65. **IIT-Concerned**, Klinecicz, M., Cheng, T., Schmitz, M., Sebastián, M. Á., & Snyder, J. S. (2025). What makes a theory of consciousness unscientific? *Nature Neuroscience*, <https://doi.org/10.1038/s41593-025-01881-x>  
 \*this comment grew out of the IIT-Concerned letter. The comment, which was published with two responses, was co-written by 103 authors, led by those cited by name above
66. Shepherd, J. (2018). Ethical (and epistemological) issues regarding consciousness in cerebral organoids. *Journal of Medical Ethics*.

67. Shepherd, J. (2016). Consciousness and quality of life research. *American Journal of Bioethics: Neuroscience*.
68. Shepherd, J. (2014). Minimizing harm via psychological intervention: Reply to Glannon. *Journal of Medical Ethics* 40: 662-663.

#### Letters

69. Bayne, T., Seth, A., Massimini, M., **Shepherd, J.**, Cleeremans, A., Fleming, S.M., Malach, R., Mattingley, J.B., Menon, D.K., Owen, A.M., Peters, M.A., and Mudrik, L. (2024). Animals and the iterative natural kind strategy. *Trends in Cognitive Sciences*.
70. **IIT-Concerned**, et al. (2023). The Integrated Information Theory of Consciousness as Pseudoscience. PsyArXiv, 16 Sept. 2023, doi:10.31234/osf.io/zsr78.
- \*co-written and signed by a consortium of 124 authors
- \*Media covered this letter widely, including pieces in *Nature* (<https://www.nature.com/articles/d41586-023-02971-1>), *The Atlantic* (<https://www.theatlantic.com/technology/archive/2023/09/integrated-information-theory-consciousness-scientific-explanation/675503/>), and many others
71. Mandelbaum, E., Dunham, Y., Feiman, R., Firestone, C., Green, E. J., Harris, D., Kibbe, M.M., Kurdi, B., Mylopoulos, M., **Shepherd, J.** and Wellwood, A., & Quilty-Dunn, J. (2022). Problems and mysteries of the many languages of thought. *Cognitive Science*, 46(12), e13225.

#### Book reviews

72. Shepherd, J. (2025). Wayne Wu, *Movements of the Mind: A Theory of Attention, Intention and Action*. *Australasian Journal of Philosophy*.
73. Shepherd, J. (2018). Charlie Kurth, *The Anxious Mind*. *Mind*, fzy077, <https://doi.org/10.1093/mind/fzy077>.
74. Shepherd, J. (2018). Shannon Spaulding, *How We Understand Others: Philosophy and Social Cognition*. *Notre Dame Philosophical Reviews*. (link: <https://ndpr.nd.edu/news/how-we-understand-others-philosophy-and-social-cognition/>)
75. Shepherd, J. (2014). Walter Sinnott-Armstrong (ed.), *Moral Psychology, Vol. 4: Free Will and Moral Responsibility*. *Notre Dame Philosophical Reviews*. (link: <http://ndpr.nd.edu/news/48373-moral-psychology-volume-4-free-will-and-moral-responsibility/>)

#### **AWARDS**

**Award for Excellence:** University of Oxford's Rewards and Recognition Scheme, Oxford University (£1023), 2015.

#### **PROFESSIONAL SOCIETIES AND RESEARCH GROUPS**

Member: European Society for Philosophy and Psychology  
Member: Society for Philosophy and Psychology  
Senior Member: LOGOS Research Group, Universitat de Barcelona, Catalonia  
Member: Barcelona Institute for Analytic Philosophy  
Member: European Moral Psychology Research Group

## **TEACHING EXPERIENCE**

### *Universitat Autònoma de Barcelona*

Philosophical methodology, APhil Master's degree course, Fall 2025 (co-taught with Andrea Rivadulla-Duró)

### *Neuromatch Academy*

Ethics of Consciousness section (on-line lectures), Summer 2024

### *Carleton University*

Advanced Philosophy of Psychology, Fall 2019

Introduction to Theoretical Issues in Philosophy, Fall 2018, Fall 2019

Advanced Philosophy of Agency, Fall 2018

Mind, World, and Knowledge, Winter 2018, Winter 2019

Moral Psychology, Winter 2018, Winter 2019, Fall 2020

The Architecture of the Mind: Cognition and Perception, Fall 2017

Directed Studies:

Delusions in the Philosophy of Psychiatry, Winter 2018; Moral Status, Winter 2019; Concepts, Fall 2019

### *University of Barcelona*

LOGOS Research Group, Creative Cognition reading group (leader), Fall 2024/Spring 2025

LOGOS Research Group, Philosophy of Mind reading group (co-leader), Spring 2022

LOGOS Research group, Philosophy of Action reading group (leader), Spring 2021

LOGOS Research Group, Creative Cognition reading group (leader), Fall 2024

### *Kyoto University*

Uehiro Foundation summer seminar in Practical Ethics, Summer 2017

### *University of Oxford*

Lead Instructor: B.Phil Seminar in Practical Ethics, University of Oxford, Trinity Term 2017

B.Phil Supervision in Philosophy of Action (2x), University of Oxford, Michaelmas Term 2015, Hilary Term 2016

Philosophy of Cognitive Science (2x), Jesus College and Exeter College (Oxford), Michaelmas Term 2015, 2016

Co-instructor: B.Phil. Seminar in Practical Ethics (3x), University of Oxford, Michaelmas Term 2013, 2014, 2015

Philosophy of Science, Jesus College (Oxford), Michaelmas Term 2015  
Philosophy of Mind (2x), University of Oxford Hilary Term 2015, Trinity Term 2015  
*Florida State University*  
Philosophy of Mind, Summer 2013  
Environmental Ethics, Spring 2013  
Reasoning and Critical Thinking, Summer 2012  
Plato and Predecessors, Summer 2011

### **ADVISING AND MENTORSHIP**

#### *Advising, general*

College Advisor (to BPhil and DPhil students in Philosophy), Jesus College, Oxford, 2014-2016  
Placement director (to M.A. students in Philosophy), Carleton University, 2020-2021

#### *Graduate Student theses and dissertations*

##### Main supervisor

- (2) M.A. Student theses, Carleton University
- (1) M.A. student (CCiL), University of Barcelona
- (4) M.A. student (APhil), Universitat Autònoma de Barcelona

##### Co-supervisor

- (1) D.Phil. dissertation, University of Oxford, co-adviser with Julian Savulescu

##### Committee

- (1) Ph.D. committee, Carleton University
- (1) Ph.D. committee, University of Copenhagen
- (1) Ph.D. committee, University of Girona
- (1) Ph.D. committee, University of Toronto

#### *Post-docs*

Adrian Alsmith, post-doc on Rethinking Conscious Agency project, 2019-2020, next position:  
Lecturer at King's College London

Wayne Christensen, post-doc on Rethinking Conscious Agency project, 2019-2022, next  
position: post-doc at the National University of Singapore

Carlota Serrahima, post-doc on Rethinking Conscious Agency project, 2021-2023, next position:  
post-doc at Barcelona Institute for Analytic Philosophy, University of Barcelona (then, Ajudant  
Doctor (similar to a tenure-track post) at University of Valencia)

Chiara Brozzo, post-doc on Rethinking Conscious Agency project, 2021-2023, next position:  
Lecturer at University of Birmingham

Andrea Rivadulla-Duró, post-doc on The Composition of Creative Intelligence project, 2024-2026, next position: post-doc at University of Copenhagen

## **UNIVERSITY SERVICE**

*Carleton University*

Hiring committee, 2020-21

Hiring longlist committee, 2020-21

Placement advisor, 2020-21

Colloquium Committee, 2018-19, 2019-20, 2020-21

Tenure and Promotion Committee, 2018-19

Faculty of Arts and Social Science Philosophy Representative: Board Meetings, 2017-18, 2023

*Jesus College, Oxford University*

Menu committee, 2015-2017

*LOGOS Research Group, Universitat Autònoma de Barcelona*

Colloquium committee, 2024-2026

## **PUBLIC PHILOSOPHY**

1. 'Knowledge, practical knowledge and intentional action,' September 2023 at the Ergo Blog: <https://ergoblog.org/joshua-shepherd-and-adam-carter-knowledge-practical-knowledge-and-intentional-action/>
2. Articles written for the *Ethics in the News Blog* collected here: <http://blog.practicaethics.ox.ac.uk/tag/joshua-shepherds-posts/>
3. June 2018, Symposium on my article 'Half-hearted action and control,' at *Philosophy of Brains*, with commentary by Zachary Irvine, Nora Heinzelmann, and Andreas Elpidorou
4. Symposiast for the *Philosophy of Brains* blog, on Isham et al.'s paper 'Deliberation period during easy and difficult decisions,' October 2017
5. 'Octopuses are super smart . . . But are they conscious?'  
Published at *The Conversation* April 14, 2016 (<https://theconversation.com/octopuses-are-super-smart-but-are-they-conscious-57846>), 81,713 reads in the first week, picked up by *Newsweek Europe*, *IFLScience.com*, *The New Republic*, translated into French for publication by *The Conversation* (<https://theconversation.com/les-pieuvres-sont-super-intelligentes-mais-ont-elles-une-conscience-59129>) and also published in French by *Slate*.
6. 'The morality of sport hatred'  
Published on the *Ethics in the News Blog*, picked up for inclusion in the popular volume *Philosophers Take on the World*, ed. David Edmonds (Oxford University Press).
7. Featured Author, *Flickers of Freedom* (philosophy of action blog), July 2014

## **PRESENTATIONS/TALKS**

### *Keynote*

1. Creative cognition and forms of scaffolding, Reflections on Situated Cognition, Osnabrück University, Germany, November 2025
2. Choice points for a theory of intention, Semantics and Philosophy in Europe 12/Ontology as Structured by Interfaces with Semantics 3, Université Côte d'Azur, Nice, France, October 2023
3. Action, perception, and the structure of consciousness, iCog Conference, Oxford, UK, June 2017
4. The experience of acting and the structure of consciousness," Sense of Agency conference, University Catholique Louvain, Belgium, May 2017

### *Invited*

5. Creativity, AI, and agentic scaffolding, DEX workshop, UC-Davis, April 2026
6. Opaqueness, fragmentation, and creative agency, University of Nevada-Reno, April 2026
7. Creative agency and agentive fragmentation, York University, Toronto, Canada, March 2026
8. Creativity, AI, and agentic scaffolding, Carleton University, Ottawa, Canada, March 2026
9. Creativity, AI, and agentic scaffolding, Brighton Philosophy Workshop, Utah, USA, February 2026
10. Creativity, AI, and agentic scaffolding, London AI and Agency Group, Institute of Philosophy, London, January 2026
11. Motoric Representational Format, RPPF (Representation: Past, Present, Future) Working Group, December 2025
12. Creative agency and agentive fragmentation, METIS Colloquium, Universidad Nacional Educación a Distancia, Madrid, Spain, November 2025
13. Creative agency and agentive fragmentation, Institut Jean Nicod, Paris, October 2025
14. Creative agency and agentive fragmentation, Getting Your Act Together II, University of Pompeu Fabra, Barcelona, September 2025
15. Agentive fragmentation and creative agency, Agency, value, and creativity workshop, University of Geneva, Switzerland, May 2025
16. Action, planning, and functions of consciousness, NYU workshop Functions of Consciousness, New York, May 2025
17. Spontaneity, Knowledge, and Control, University of Chicago Talks on Agency, April 2025
18. Improv, Spontaneity, and knowledge of action, Northwestern University epistemology group, Evanston, IL, April 2025

19. Cognitive flexibility and creativity, Brighton Philosophy Workshop, University of Utah, March 2025
20. Cognitive flexibility and creativity, King's College London, Rationality, Action, and Mind Group, February 2025
21. Spontaneity, knowledge, and control, University of Oxford Philosophy of Mind Seminar, UK, November 2024
22. Cognitive flexibility and creativity: A hot mess, CUNY CogSci Colloquium, NYC, October 2024
23. Metacognitive feelings, Monash University Computational Neuroscience Lab, Melbourne, Australia, June 2024
24. Spontaneity, knowledge, and control, Knowledge and Action Conference, University of New South Wales, Sydney, Australia, June 2024
25. Spontaneity, knowledge, and control, Aspects of Action workshop, Institut Jean Nicod, Paris, May 2024
26. Metacognitive feelings for flexible behavioral control, CoInAct workshop on Cognitive Control and Hierarchical Planning, University of Copenhagen, April 2024
27. Salvaging the sense of agency, Workshop on Agency in the Mountains, Brighton, Utah, February 2024
28. Cognitive flexibility and creative agency, Attention and Action workshop, University of Copenhagen, Denmark, October 2023
29. The sense of agency, NeuRL Lab Meeting (virtual), University of Witwatersrand, South Africa, October 2023
30. Practical reasoning and cognitive feelings, Symposium on Skill and Know-How, SOPhiA 2022, Salzburg, Austria, September 2022
31. Capacity-based approach to functions of consciousness, Functions of Consciousness workshop, London School of Economics, September 2022
32. Re-orienting the sense of agency, CIFAR Brain, Mind and Consciousness meeting, Amsterdam, Netherlands, July 2022
33. Knowledge and control, University of the Basque Country (UPV/EHU), Donostia, Spain, May 2022
34. Improv and cognitive control, Cognitive Science group, City University of New York, NYC, March 2022
35. Philosophy at the improv, Workshop on Agency in the Mountains, Brighton, UT, March 2022
36. Practical reasoning by feel, Workshop on Mental Action, University of Copenhagen, December 2021
37. Improvisation and agency, Grant Team Workshop for 'Awareness, Self-awareness, and Unawareness,' University of Barcelona, October 2021

38. Mental effort and cognitive control, LOGOS philosophy research colloquium, University of Barcelona, May 2021
39. Knowledgeable action, Grupo de Conceptos y Percepción, Universidad Nacional de Córdoba (virtual), May 2021
40. Mental effort and cognitive control, Striving and Doing workshop, Université de Neuchâtel (virtual), April 2021
41. Mental effort and cognitive control, LOGOS colloquium series, University of Barcelona, April 2021
42. The Shape of Agency, Steel Centre for Philosophy and Religion, Hendrix College (virtual), Conway, AR, March 2021
43. Locating flow in the dynamics of consciousness, CIFAR Brain, Mind, and Consciousness group meeting, Toronto, December 2020
44. Knowledgeable action, University of Glasgow Senior Seminar, December 2020
45. The value of consciousness, Rice University, Houston, TX, USA, January 2020
46. Unconscious perception, Ludwig Maximilians Universität, Munich, Germany, December 2019
47. Skill and the praiseworthy, Moral Responsibility Workshop, Ludwig Maximilians Universität, Munich, Germany, December 2019
48. Functions of consciousness, CIFAR Brain, Mind, Consciousness Winter Meeting, Toronto, ON, December 2019
49. Intentional action redux, Workshop on Action, University of Barcelona, October 2019
50. The moral status of conscious subjects, Rethinking Moral Status conference, University of Oxford, June 2019
51. Skill and knowledgeable action, Summer Mind Workshop, Columbia University, NYC, June 2019
52. Skill and knowledgeable action, University of Copenhagen, May 2019
53. Skill and knowledge, University of Tübingen, April 2019
54. Skill and knowledge, University of Duisberg-Essen, April 2019
55. Skill, reason, and the breadth of moral agency, Duke University, Workshop on Cognitive Control and Moral Responsibility, February 2019
56. The moral status of conscious subjects, Colorado State University, February 2019
57. Knowledge of and in action, Workshop on Agency in the Mountains (WAM), Brighton, Utah, February 2018
58. Practical rationality and the nature of agency, for the conference Mental Action and the Ontology of Mind, Institute of Philosophy, London, November 2017
59. Cognitive control and moral action, for the conference Cognitive, Philosophical, and Neural Bases of Responsible Action, Princeton University, October 2017
60. Knowledgeable action, agency, and control, Agency and control workshop, University of Copenhagen, Denmark, September 2017
61. Consciousness, value, and moral status, University of Tokyo, Japan, August 2017

62. Disability and wellbeing: The bad and the neutral, Kyoto University, Japan, August 2017
63. Changing and adapting mechanisms of self-control, Science and Philosophy of Self-control Conference, Florida State University, June 2017
64. Chimeras and moral status, University of Tokyo, Carnegie-Uehiro Conference on Gene Editing, May 2017
65. Skilled action and the double life of intention, Institut Jean Nicod, Skilled action workshop, May 2017
66. Knowledge of and in action, University of Oxford, Knowledge-first Philosophy of Mind workshop, May 2017
67. Knowledge of and in action, University College Dublin, Ireland, February 2017
68. (Self-)consciousness and moral significance, University of Carleton, Ottawa, Canada, January 2017
69. The Knowledge of Action and the Experience of Agency, UK Mind Network Meeting, University of Sheffield, October 2016
70. The Experience of Acting and the Structure of Consciousness, University of Edinburgh, October 2016
71. Control, Decision, and Judgment, workshop on Two Systems Accounts of Cognition, Berlin School of Mind and Brain, March 2016
72. Cognitive Effort and Control of Action, King's College London, March 2016
73. The Multi-modal Experience of Acting, workshop on Agentic Experience, University of Warwick, March 2016
74. The Moral Insignificance of Self-Consciousness, Oxford-Duke Workshop, Duke University, February 2016
75. Control, Non-Deviant Causation, and Agency, London School of Economics, February 2016
76. Group Agency and Punishment, Bucharest-Oxford workshop, University of Bucharest, December 2015
77. The Psychological Roots of Free Will, Experimental Philosophy Workshop, Institut für Philosophie, Ruhr-Universität Bochum, Germany, November 2015
78. Agentic Experience and Knowledge of Action, Royal Holloway, University of London, November 2015
79. Agentic Experience and Knowledge of Action, King's College London Philosophy of Psychology series, November 2015
80. Halfhearted Action, Workshop on Action and Desire, University of Antwerp, Belgium, September 2015
81. Mind Control, Body Control: How are They Related? Workshop on Practical Reasoning and Motor Cognition, University of Warwick, June 2015
82. The Moral Insignificance of Self-Consciousness, St. Cross Seminar, St. Cross College, University of Oxford, June 2015

83. The Multimodal Experience of Acting, Agentive Phenomenology workshop, Institute Jean Nicod, Paris, May 2015
84. Conscious Action/Zombie Action, Naturalistic Approaches to the Mind group, King's College London, March 2015
85. Conscious Experience and Knowledge of Action, Philosophy of Mind work in progress group, University of Oxford, November 2014
86. Scientific Challenges to Free Will and Moral Responsibility, Jesus College Research Symposium, University of Oxford, November 2014
87. Consciousness and Moral Agency, at *Experiments and Ethics*, University of Oxford, June 2014
88. Phenomenal consciousness and moral responsibility, at the Uehiro Centre work in progress group, University of Oxford, June 2014
89. Consciousness Through the Back Door, Experimental Philosophy workshop, University of Edinburgh, April 2014
90. Conscious Control over Action, The University of Edinburgh, March 2014
91. Control, Consciousness, and Intention, Reconciving Action (2): Intention, University of Milan, November 2013
92. Consciousness, Control and Zombie Action, Philosophy of Mind work in progress group, University of Oxford, November 2013
93. Consciousness, Control, and Zombie Action, at The University of Edinburgh, February 2013
94. Relating Consciousness and Control" at the *City University of New York Graduate Center Cognitive Science Group*, October 2012
95. Three global applications of complex systems in philosophy: logic, language, and metaethics," (with Darko Sarenac) at the *Logical Dynamics Workshop*, Stanford University, May 2009

*Peer reviewed conferences/workshops*

96. Does cognitive flexibility support creativity? ESPP 2025, Warsaw, Poland, September 2025
97. Agency and Cooperation (with Steve Downes), ISHPSSB 2025, Porto, Portugal, July 2025
98. Salvaging the sense of agency, European Society for Philosophy and Psychology, Grenoble, France, July 2024
99. Mental imagery and motor imagery, Mental Imagery workshop, University of Antwerp, Belgium, May 2024
100. Capacity-based approach to functions of consciousness, European Society for Philosophy and Psychology, Prague, Czech Republic, August 2023
101. Re-orienting the sense of agency, Plenary Symposium at the European Society for Philosophy and Psychology, University of Milan, July 2022
102. Précis/Responses, Author meets critics session on *The Shape of Agency*, Eastern APA, January 2021

103. Mindwandering and cognitive control: An engagement with Irving, Southern Society for Philosophy and Psychology, December 2020
104. Cognitive Effort and Control of Action, Symposium on Metacognition, *European Society for Philosophy and Psychology*, St. Andrews, Scotland, August 2016
105. Agentive Experience and Knowledge of Action, at *Towards a Science of Consciousness 2015*, Helsinki, Finland, June 2015
106. In and Out of Touch, at the *European Society for Philosophy and Psychology*, Noto, Sicily, September 2014
107. A Problem for Deciding, at *Joint Session of the Aristotelian Society and Mind Association*, University of Cambridge, July 2014
108. Consciousness and Free Will: Experimental Studies, at the 4<sup>th</sup> Annual UK X-phi Workshop, University of Bristol, September 2013
109. The Experience of Trying, at the *Society for Philosophy and Psychology*, Brown University, June 2013
110. Consciousness, Control, and Zombie Action, at the *American Philosophical Association Pacific Division Meeting*, San Francisco, CA, March 2013
111. Relating Consciousness and Control, at *Towards a Science of Consciousness 2012*, Tuscon, AZ, April 2012
112. Explication and Experimental Philosophy in Formal Epistemology, (co-authored with James Justus) at *Pittsburgh-Tilburg Workshop: Experimental Philosophy Meets Formal Epistemology*, Tilburg University, Netherlands, September 2011  
 @Same paper at California-Riverside (by James Justus)  
 @Same paper at California Institute of Technology (by James Justus)
113. Carruthers and the apparent illusion of conscious deciding, at the *Society for Philosophy and Psychology*, Montreal, July 2011
114. Diminishing the Knobe Effect, to Good Effect: The Intentionality of Morally Bad Side Effect Actions, at the *Metaethics and Experimental Philosophy Workshop*, New York University, May 2010

## **SERVICE TO THE PROFESSION**

### Editorial work

Area Editor, *Ergo*, May 2021-present

Associate Editor, *Philosophical Explorations*, April 2021-present

Associate Editor, *Neuroethics*, Jan. 2019-Feb. 2021

PhilPapers section on “Motivation and Will” 2015-2021

PhilPapers section on “Trying” 2013-2019

### Commenter

MindsOnline 2016

### Mentor

CIFAR Winter School for Neuroscience, Cancún, Mexico, December 2022

Organizer or Co-organizer

TWCF Conference, with Andrea Rivadulla-Duró: ‘The composition of creative intelligence,’ Barcelona, October 2025

ERC Workshop, with Chiara Brozzo: ‘Representational formats in agency,’ Barcelona, April 2023

CIFAR funded workshop, ‘Credit assignment and diversity in science,’ Barcelona, April 2023

ERC Workshop, with Carlota Serrahima: ReConAg-VLC workshop on Agency and Mind, Barcelona, November 2022

CIFAR Catalyst Workshop, Functions of Consciousness, at London School of Economics, London, September 2022

ERC Workshop, with Carlota Serrahima: Agency, bodily perception, and the self (with 10 presenters), with invited talks by Frederique de Vignemont and Matthew Fulkerson, Barcelona, May 2022

ERC Workshop: The architecture of skilled action (with 12 presenters), Barcelona, with invited talks by Elisabeth Pacherie and Myrto Mylopoulos, Lilian O’Brien, and Thor Grünbaum, and accepted talks by 6 others, Barcelona, April 2022

ERC Zoom workshop, with Sophie Keeling: ‘Reasoning, and self-awareness,’ July 2021, with talks by Markos Valaris, Ram Neta, Antonia Peacocke, Sophie Keeling, and Mariela Aguilera

ERC Zoom Talk series: Consciousness/Skill/Agency, April-June 2021, with talks by Maria Doulatova, Antonia Peacocke, Juan Piñeros Glasscock, Laura Tomlinson, Katsunori Miyahara, and Aaron Henry

Event: ‘Discovery, re-discovered,’ Feb. 2021 CIFAR zoom event with talks by Maria Drouot, Iair Arcavi, Michael Strevens, and Samantha Copeland

ERC Zoom Workshop: ‘Action control, working memory, and awareness,’ with talks by Thomas Schack, Elisabeth Pacherie, Barbera Montero, and David Rosenbaum, September 2020

ERC Workshop: ‘Metacognition, consciousness, agency,’ with invited talks by Nick Shea, Elisabeth Parés Pujolràs, and Marion Rouault, and accepted talks by 10 others, University of Barcelona, May 2019

Symposium: ‘Metacognition,’ with talks by Steve Fleming, Myrto Mylopoulos, Joshua Shepherd, at the *European Society for Philosophy and Psychology*, August 2016

With Molly Crockett: Moral Psychology speaker series, Jesus College, Oxford, 2014-2017

With Ellen Fridland: Symposium: ‘Control, Skill, and Automaticity,’ with talks by Ellen Fridland, David Papineau, Joshua Shepherd, and Wayne Wu, at the *European Society for Philosophy and Psychology*, September 2014

With Bryony Pierce, James Andow, Robin Scaife: 4<sup>th</sup> UK X-phi Society Workshop, University of Oxford, September 2014

With Ian Phillips: 9<sup>th</sup> UK MindNetwork Meeting, at University of Oxford, March 2014

## Refereeing work

### Journals,

*Affective Science* (2x), *Animal Cognition*, *American Journal of Bioethics: Neuroscience* (2x), *American Philosophical Quarterly* (2x), *Analysis* (7x), *Australasian Journal of Philosophy* (9x), *Bioethics* (2x), *Canadian Journal of Philosophy* (4x), *Cognition* (2x), *Cognitive Science* (2x), *Consciousness and Cognition*, *Critica*, *Dialectica*, *Diametros*, *Emotion Review* (2x), *Ethical Theory and Moral Practice*, *Ethics* (4x), *Erkenntnis* (12x), *Ergo* (4x), *European Journal of Philosophy* (3x), *Filozofia Nauki*, *Frontiers in Consciousness Research*, *Frontiers in Psychology*, *Grazer Philosophische Studien*, *International Journal of Philosophical Studies*, *Journal for the Theory of Social Behavior*, *Journal of Cognitive Science*, *Journal of Consciousness Studies* (5x), *Journal of Ethics and Social Philosophy*, *Journal of Philosophical Research* (3x), *Journal of Medical Ethics* (3x), *Journal of the American Philosophical Association* (3x), *Manuscrito*, *Mind* (6x), *Mind & Language* (10x), *Mind and Matter*, *Neuroethics* (5x), *Neuroscience of Consciousness* (4x), *Neuroscientist*, *New Ideas in Psychology* (2x), *Noûs* (7x), *Pacific Philosophical Quarterly* (4x), *Philosophy*, *Philosophy and Technology* (2x), *Philosophy and the Mind Sciences* (3x), *Phenomenology and the Cognitive Sciences* (5x), *Philosophers' Imprint* (6x), *Philosophia* (2x), *Philosophical Explorations* (8x), *Philosophical Psychology* (15x), *Philosophical Quarterly* (5x), *Philosophical Studies* (14x), *Philosophical Transactions of the Royal Society B*, *Philosophy and Phenomenological Research* (5x), *Philosophy of Science*, *PNAS*, *PNAS Nexus*, *Ratio*, *Review of Philosophy and Psychology* (15x), *Social Theory and Practice* (2x), *Synthese* (31x), *Teorema*, *Theoria*, *The Annals of the University of Bucharest*, *The Journal of Philosophy* (7x), *The New Bioethics*, *Thought* (2x), *Topoi*, *Trends in Cognitive Sciences*, *Wiley Interdisciplinary Reviews: Cognitive Science*, *Zeitschrift für Ethik und Moralphilosophie*

### Conferences,

Canadian Philosophical Association,  
European Society for Philosophy and Psychology (6x),  
Southern Society for Philosophy and Psychology,  
Society for Philosophy and Psychology (4x)

### Book publishers,

Cambridge University Press (3x),  
Oxford University Press (7x),  
Routledge (3x)

### Funding Agencies,

Addison Wheeler Fellowship, Durham University  
Deutsche Forschungsgemeinschaft (DFG),  
IkerBasque (Basque Foundation for Science) (2x),  
Independent Research Fund of Denmark (DFF),

John Templeton Foundation,  
The Leverhulme Trust,  
Israel Science Foundation,  
European Research Council, Starting Grant Applications (6x),  
National Science Foundation (USA),  
Templeton World Charity Foundation, Inc.

Tenure and promotion review,  
University of Copenhagen,  
Lake Forest College