

George Deane

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Areas of Speciality:

Active inference and predictive processing, Philosophy of Cognitive Science, Consciousness Science

Areas of Interest:

Philosophy of Biology, Philosophy of Science, Philosophy of AI, Philosophy of Mind

Education:

The University of Edinburgh

2017 – 2021

PhD funded by ERC XSPECT Grant (submitted February 2021)

Supervisors: Professor Andy Clark and Dr Mark Sprevak

University College London

2012 – 2013

MSc Cognitive and Decision Sciences

Grade: Distinction (Thesis grade: 83)

University of East Anglia

2007-2011

Philosophy BA (Hons)

Grade: 2.1 (Thesis grade: 77)

Publications:

Deane, G., Miller, M. D., & Wilkinson, S. (2020). Losing Ourselves: Active Inference,

Depersonalization and Meditation. *Frontiers in Psychology, 11*, 2893.

Deane, G. (2020). Dissolving the self: Active inference, psychedelics, and ego-dissolution. *Philosophy and the Mind Sciences, 1*(1), 1-27.

Nave, K., Deane, G., Miller, M., & Clark, A. (2020). Wilding the predictive brain. *Wiley*

Interdisciplinary Reviews: Cognitive Science, e1542.

Deane G. Clark, A., Miller, M., & Nave, K (2020) The Value of Uncertainty. AEON magazine.

Wilkinson, S., Deane, G., Nave, K., & Clark, A. (2019). Getting warmer: Predictive processing and the nature of emotion. In *The value of emotions for knowledge* (pp. 101-119). Palgrave Macmillan.

Submitted:

Deane, G., Clark, A., Miller, M., & Nave, K. (submitted). Expecting Ourselves: Embodied Prediction and the Construction of Consciousness. In *Review of Philosophy and Psychology*

Deane, G. (submittedA). Detachable Minds: An active inference approach to mental action, imagination, and creativity.

Deane, G. (submittedB) Consciousness in active inference: Deep self-models, other minds, and the challenge of selfless states. In *Neuroscience of Consciousness*

In preparation:

Deane, G., & Andrews, M. (in preparation) Minimal affective cognition, active inference, and the environmental complexity thesis.

Deane G. (in preparation) The ontogeny of feeling: Affective learning in active inference

Deane G. (in preparation) Sophisticated affective inference, episodic memory, and mental time travel

Luppi, A., Mediano, P., Rosas, F., Harrison, D., Deane, G., Carhart-Harris, R. (in preparation) Bridging active inference and integrated information theory: an information decomposition account

Lecturing:

Integrated Information Theory: An empirically viable theory of consciousness? (Recurrent, 2014-2018), MSc Cognitive and Decision Sciences, at University College London.

Selfless states in Predictive Processing at Innovative Minds Predictive Processing, Embodiment and Conscious Experience Summer School 2020

Consciousness in the Predictive Brain (2021) MSc Mind, Language & Embodied Cognition at The University of Edinburgh

Teaching:

Morality and Value, University of Edinburgh, 2020

Logic, University of Edinburgh, 2020

Philosophy of Science, University of Edinburgh, 2019

Organising and professional service:

- Co-organiser of the Timescales of Life and Mind Conference and Workshop, University of Edinburgh, November 4-6th 2019 (Official Website: <https://blogs.ed.ac.uk/tlmconference/>)
- Co-organiser of XSPECT workshop 2017, 2018, 2019, XSPECT Conference 2020
- Co-organiser of the Ethics of AI 10 week summer school in the summer of 2020 Official website: <https://blogs.ed.ac.uk/ethicsofai/>
- **Journal Referee:** Journal of Consciousness Studies, Phenomenology and the Cognitive Sciences

Conference proceedings, presentations and posters (selected):

2017. (with Luke Kersten & Joe Dewhurst) "Resolving two tensions in 4E cognition using wide computationalism." In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), Proceedings of the 39th Annual Conference of Cognitive Science Society (pp.2395-2400). Austin, TX: Cognitive Science Society.

Poster at The Cognitive Science Society 2017 'Resolving two tensions in 4E cognition using wide computationalism'

Chair at The Sense of Self, University of Oxford, 29th -31st May 2017

Presentation at University of Edinburgh Mind & Cognition Research Group, 'Consciousness and Predictive Processing' 28th September 2017

Poster at X-SPECT Workshop, 10th October 2017: 'Consciousness as Global Revision'

Chair at Models of Mind – reasoning about the self and others, University of Edinburgh, April 19th 2018

Poster at Predictive Processing, in San Sebastian, Spain June 20th-22nd 2018: 'Consciousness and Predictive Processing – top down model revision?'

Poster at 22nd annual meeting of the Association for the Scientific Study of Consciousness, in Krakow, Poland July 26-29: 'Consciousness and Predictive Processing – top down model revision?'

Talk: Lucid Dreaming through the lens of Predictive Processing. October 18, 2019 "Disself: (Dis)Embodied Perception of the Self and Other", at the University of Porto;

Talk: Interoception: Sensation and Embodied Awareness, at Durham University's workshop Interoception and the Predictive Brain. November 8, 2018 "

Plenary talk at the Science of Consciousness conference 2020 entitled Losing Ourselves: Active Inference, Depersonalization and Enlightenment

References

Professor Andy Clark

University of Sussex

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Dr Mark Miller

University of Sussex

Email: m.d.miller@sussex.ac.uk

Dr Sam Wilkinson

University of Exeter

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Dr Mark Sprevak

University of Edinburgh

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Professor David Lagnado

University College London

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