

Sofia Rappe

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LMU München, Fakultät für Philosophie, Lehrstuhl für Philosophy of Mind
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AREAS OF RESEARCH

AOS Philosophy of Mind and Cognition, Philosophy of Language, Philosophy of Cognitive Science and Neuroscience

AOC Philosophy of Science (general), Epistemology, Metaphysics

EDUCATION

- FROM 2019 **Ph.D. in Neurophilosophy**
Graduate School of Systemic Neurosciences
Munich Center for Neurosciences – Brain & Mind
Faculty of Philosophy, Philosophy of Science and the Study of Religion
Ludwig-Maximilian-Universität München (LMU Munich)
Dissertation: *Predictive Processing and Conscious Thought*
Advisory Committee: Ophelia Deroy, Stephan Hartmann, Sam Wilkinson
- 2017 - 2018 **M.Sc. in Mind, Language and Embodied Cognition (Distinction)**
The University of Edinburgh
Dissertation: *Now, Never, or Coming Soon? Prediction and Efficient Language Processing*
Supervisor: Andy Clark
- 2013 - 2017 **Hons B.Sc. in Linguistics and Mathematics (Distinction) with a Minor in Semiotics and Communication Studies**
Victoria College, University of Toronto
Capstone project supervisor (cognitive science): John Vervaeke

PROFESSIONAL EXPERIENCE

- 10/2019 – present **Instructor/Teaching Assistant**
Chair of Philosophy of Mind, LMU Munich
- 09/2018 – 08/2019 **Academic Editor**
Editing Press Inc., Online
- 01/2017 – 08/2018 **Laboratory Manager**
Consciousness and Wisdom Studies Lab (CWSL), University of Toronto
Laboratory Director: Dr. John Vervaeke, Primary Investigator: Dr. Michel Ferrari
- 08/2015 – 01/2017 **(Senior) Research Assistant**
CWSL, University of Toronto
- 04/2016 – 08/2016 **Research Assistant**
Technologies for Aging Gracefully Lab (TAG Lab), Toronto
Laboratory Director (Emeritus): Dr. Ronald Baecker
- 2012 – 2015 **Freelance Technical Translator & Writer**
Gella Ltd. & Mute Labs, Russia

PUBLICATIONS

Peer-reviewed articles

Rappe, S. (2019). Now, never, or coming soon? Prediction and efficient language processing. *Pragmatics & Cognition*, doi: [10.1075/pc.19001.rap](https://doi.org/10.1075/pc.19001.rap).

Book reviews

Rappe, S. (2020). Brain-Mind [Review of the book *Brain-Mind: From Neurons to Consciousness and Creativity*, by P. Thagard]. *Metapsychology Online Reviews*.

In preparation or under review

Rappe, S. (*under peer review*). Predictive minds can think: Addressing generality and surface compositionality of thought.

Deroy, O. & **Rappe, S.** (*under peer review*). The clear and not so clear signatures of perceptual reality in the Bayesian brain.

Deroy, O., Loev S., & **Rappe, S.** (*in preparation*). Confidence is embodied: Affective and communicative rationality.

Rappe, S. & Wilkinson S. (*in preparation*). Counterfactual cognition in the predictive brain: a return to psychosis as a disorder of reality monitoring?

TALKS AND POSTERS

- 06/2021 “Figuring out what is real in the predictive mind”
Metacognition: new developments and challenges, School of Advanced Study at the University of London, UK
- 12/2020 “Possible vs. actual in the predictive brain: Psychosis as a disorder of consciousness”
LMU Neurophilosophy Colloquium, LMU Munich, Germany
- 07/2020 “Thinking about Thought (and Predictive Processing)”
Third Early Career Research Workshop, Ruhr-Universität Bochum, Germany
- 05/2020 “Predictive Processing can accommodate compositionality and generality of thought”
LMU Neurophilosophy Colloquium, LMU Munich, Germany
- 02/2020 “Predictive Processing and Thought”
Cognition, Values, Behaviour Colloquium, LMU Munich, Germany
- 02/2020 “How to Write a Textbook Chapter”
Cognition, Values, Behaviour How-To Series, LMU Munich, Germany
- 11/2019 “Metaphysics: Foundationalism, Infinitism, Coherentism”
LMU Neurophilosophy Colloquium, LMU Munich, Germany
- 07/2019 “Now, Never, or Coming Soon? Prediction and Efficient Language Processing” (invited talk)
Neurology Research Association, York University, Canada
- 03/2019 “Predictive Processing and Conscious Thought”
Modelling Consciousness: A Workshop on Formal Approaches to the Mind-Body Problem, Dorfgastein, Austria
- 06/2018 “Predictive Language Processing and the Now-or-Never Bottleneck” (poster)
The 63rd Language @ Edinburgh Lunch, The University of Edinburgh, UK
- 01/2018 “Trouble with Metaphor”
Mind & Cognition Workshop, The University of Edinburgh, UK
- 03/2017 “On Metaphor”
Confluence: Merging Streams, University of Toronto, Canada

AWARDS, FUNDING, AND FELLOWSHIPS

- FROM 2020 **LMU Mentoring Program of Faculty 10 (for Female Academics in Philosophy)**
Ludwig-Maximilian-Universität München
- FROM 2019 **Neurophilosophy Doctoral Scholarship**
Graduate School of Systemic Neurosciences & Munich Center for Neurosciences,
Ludwig-Maximilian-Universität München
- 2019 **Edinburgh Global Research Scholarship**
The University of Edinburgh (declined to attend LMU Munich)
- 2019 **College of Arts, Humanities and Social Science Research Award**
The University of Edinburgh (declined to attend LMU Munich)
- 2019 **Modelling Consciousness Workshop Travel Grant**
- 2018 **Highly Commended Dissertation Award**
School of Philosophy, Psychology & Language Sciences, The University of Edinburgh
- 2013 - 2014 **Vic One Member: Arthur Schawlow Stream for Physical and Mathematical Sciences**
Victoria College, University of Toronto (competitive admission)

TEACHING

- Summer Term 2021 **Co-instructor**, “Neurophilosophy”
Seminar for MSc Neuroscience and Neuro-Cognitive
Psychology students, LMU Munich.
- Winter Term 2020-21 **Co-instructor**, “Representations in Cognitive Science”
Advanced MA Philosophy seminar, LMU Munich.
- Summer Term 2020 **Co-instructor**, “Knowing that we know: Key Issues on reflection & confidence”
Advanced MA Philosophy seminar, LMU Munich
- 2019 - 2020 **Re-occurring guest instructor**, “Minds & Methods”
MA Philosophy thesis-writing seminar, LMU Munich
- Winter Term 2019-20 **Instructor**, “Readings in Predictive Processing”
Advanced MA Philosophy journal club, LMU Munich
- Winter Term 2019-20 **Co-instructor**, “Cybernetics & Computation: The Promise of Artificial Intelligence by Brian Cantwell Smith”
Advanced BA and MA Philosophy seminar, LMU Munich
- 2019 **Instructor**, “Introduction to Predictive Processing”
Lectures series for the Cognitive Science and AI Student Association,
University of Toronto

PROFESSIONAL SERVICE & PUBLIC OUTREACH

- 2020 **Assistant Organizer**, Graduate School of Systemic Neurosciences Retreat 2020, Germany
- 2020 **Reviewer**, *Erkenntnis & Synthese*
- 2020 **Guest Speaker**, NeuroCamp: Munich Neuroscience Summer School, Germany
- 2019 **Discussion Host**, The Meta-Problem of Consciousness, University of Toronto, Canada
- 2018 **Assistant Organizer**, The University of Edinburgh Online Pedagogy Conference, UK
- 2016 - 2017 **Student Advisory Team Member**, Enterprise Applications & Solutions Integration Team,
University of Toronto, Canada
- 2014 **Assistant Organizer**, University of Toronto Interdisciplinary Symposium on the Mind:
Mind and Religion, Canada
- 2014 **Demonstrator**, Science Rendezvous Toronto, Canada

LANGUAGES AND SKILLS

LANGUAGES: Russian (native), English (near native level), Japanese (B1), Hebrew (B1), German (A2)
PROGRAMMING: Python (NLTK, machine learning), R, Matlab/Octave (machine learning)