

Jørn Kløvfjell Mjelva

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Key qualifications:

Academic writing. Philosophy. Physics. Mathematics. Teaching. Critical thinking. Organizational development. Event planning. Administration. Moderating. Chairing.

Education

- 05.2022 – 08.2025 **Doctoral Degree in Philosophy from the University of Oslo**
Philosophy of physics, philosophy of quantum mechanics

Dissertation: “Understanding Entanglement: A Realist Approach”
- 08.2015 – 08.2017 **Master’s Degree in Philosophy from the University of Oslo**
Philosophy of physics, metaphysics, epistemology, philosophy of science, feminist epistemology, feminist ethics and logic.

Dissertation: «Causality and Non-Locality in Quantum Mechanics: An argument for retrocausation». Grade on thesis: A. Overall grade: B/A.
- 08.2014 – 06.2015 **Various courses at the University of Oslo**
Cognitive psychology, real and complex analysis, statistics, media theory, law.
- 08.2013 – 06.2014 **Bachelor’s Degree in Philosophy from the University of Oslo**
Philosophy of science, philosophy of physics, epistemology, logic and philosophy of action.
Overall grade: A
- 08.2010 – 06.2013 **Bachelor’s Degree in Physics from the University of Oslo**
Electromagnetism, astrophysics, particle physics, programming.
Overall grade: A
- 08.2009 – 06.2010 **Various science courses at the University of Stavanger**
Astronomy, classical mechanics, calculus and linear algebra.
Grade: A

Relevant experience

- 08.2025 – present **PhD completion grant year at The University of Oslo**
Teaching and research.

Courses taught: EXPHIL, Science and Democracy
- 02.2022 – 08.2025 **PhD Scholarship at the University of Oslo**
Phd
- 02.2014 – 12.2020 **Teacher’s aid at Akademiet AS**
Aid students at Akademiet Privatist with their homework in physics and mathematics.

- 02.2018 – 06.2018 **Substitute teacher at Elvebakken VGS**
Courses: Physics, mathematics, general science
- 08.2016 – 12.2016 **Seminar teacher at the University i Oslo**
Seminar teacher for the course «FIL1002 – Innføring i erkjennelsesteori og vitenskapsfilosofi». Organize seminars and grade essays.
- 04.2013 – 05.2015 **Tutor for Ungdomsakademiet AS**
One-to-one teaching in mathematics and physics.

Other experience

- 02.2018 – present **Chairman of Psynapse**
- 09.2020 – present **Deputy chairman for Safer Drug Policies**
- 10.2020 – 06.2024 **Deputy chairman of Preventio**
- 09.2020 – 12.2021 **Advisor at the Norwegian Directorate of Health**
- 06.2019 – 04.2022 **Project manager at the Association for Safer Drug Policies**
- 08.2018 – 02.2020 **Advisor at the Norwegian Directorate of Health**
- 08.2016 – 12.2018 **Secretary-General for EmmaSofia**
- 01.2015 – 12.2015 **President of Kulturutvalget**
- 01.2014 – 01.2015 **Vice-president of The Norwegian Student Society**

Projects

- 10.2019 – 06.2020 Worked as first author on a report on drug checking services, detailing recommendations on how such services should be implemented in Norway, based on a survey of existing scientific literature and the experiences with such services in other countries.
- 02.2017 Hosted a talk on drug policy with EmmaSofia, Association for Safer Drug Policies and Normal Norway.
- 02.2016 – 10.2016 Participated in the creation of new statutes for the Norwegian Student Society. Was responsible for writing the included report.
- 09.2015 Hosted the election debate for Kulturutvalget in context of the local election.
- 04.2013 Hosted a talk between Jan Egeland and Israeli Ambassador, Naim Araidi on the self-conception of Israel.

Awards and Distinctions

- 11.2016 Awarded honorary membership in the Norwegian Student Society.
- 05.2014 Won a writing contest and was awarded the opportunity to participate in a public discussion with the Dalai Lama during his visit to Oslo.
- 06.2009 Awarded Kloster's Endowment by Stavanger Cathedral School for excellent school performance.
- 04.2009 Awarded first prize in the competition «Young Scientists» for the essay «'Nationalism' in Norwegian literary essays» and granted attendance at the London International Youth Science Forum.

Publications

- Mjelva, J. K. (2017). *Causality and Non-Locality in Quantum Mechanics: An argument for retrocausation* [Master thesis, University of Oslo]. <https://www.duo.uio.no/handle/10852/58421>

- Mjelva, J. K. (2024). Delayed-choice entanglement swapping experiments: No evidence for timelike entanglement. *Studies in History and Philosophy of Science*, 105, 138–148. <https://doi.org/10.1016/j.shpsa.2024.04.001>
- Mjelva, J. K. (2025). *Understanding Entanglement: A Realist Approach* [PhD Thesis]. University of Oslo.
- Mjelva, J. K. (forthcoming). Entanglement Swapping for Entanglement Realists. *The British Journal for the Philosophy of Science*. <https://doi.org/10.1086/738874>
- Mjelva, J. K., Josh, Q., & Wilson, A. (2025). Open Systems as Metaphysically Fundamental: Some Questions. In M. E. Cuffaro & S. Hartmann (Eds), *Open Systems: Physics, Metaphysics, and Methodology*. Oxford University Press. <https://eprints.whiterose.ac.uk/id/eprint/229412/>

Language

Norwegian	Mother-tongue.
English	TOEFL Internet: Reading 29; Listening 29; Speaking 29; Writing 28