

RANI LILL ANJUM

Born in Drammen, Norway 21.08.1974

Contact

Norwegian University of Life Sciences (NMBU), School of Economics and Business (HH) (50%) and Faculty of Environmental Sciences and Natural Resource Management (MINA) (50%), PO Box 5003, 1432 Aas, Norway, rani.anjum@nmbu.no

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Current position and responsibilities

I am Research Fellow of Philosophy at NMBU since 2011, where I have been Principal Investigator of two 10 million NOK research projects, Causation in Science (2011-2014) and CauseHealth – Causation, Complexity and Evidence in Health Sciences (2015-2019). I established the Philosophy of Science forum at the university in 2012, and the Centre for Applied Philosophy of Science (NMBU CAPS) in 2018. I have served as member of the Norwegian National Research Ethics Committees since 2017 and of the NMBU research ethics committee since 2014 (Deputy Leader since 2022). Inspired by this work, I established the NMBU Research Ethics Forum in 2022. I teach 3 courses: 'Examen Philosophicum: Introduction to Philosophy' in English (Bachelor-level), 'Interdisciplinarity and Expert Disagreement on Sustainability' (Master-level) and 'Research Education Across Disciplines' (PhD-level).

Research profile

- **NMBU webpage:** <https://www.nmbu.no/emp/rani.anjum>
- **Personal webpage:** <https://ranilillanjum.wordpress.com>
- **NMBU CAPS - Centre for Applied Philosophy of Science:** <https://www.nmbu.no/en/faculty/hh/research/centers/caps>
- **CauseHealth blog:** <https://causehealthblog.org>
- **CauseHealth podcast series:** <https://www.wordsmatter-education.com/the-causehealth-series>
- **Blog:** Rani blogs about causation etc. raniiblogsaboutcausation.wordpress.com
- **Google scholar:** <https://scholar.google.com/citations?hl=no&user=c9y22vIAAAAJ>
- **Twitter:** @ranilillanjum (15k followers) <https://truesciphi.org/phi.html> @Cause_Health
- **YouTube:** <https://www.youtube.com/CauseHealth>

Education

My education is in philosophy and the humanities. In both my graduate and doctoral work, I was concerned with philosophy of language expressing conditional and causal relationships, and the crucial role of context for meaning and truth. This work has motivated and informed all my subsequent research within causality, complexity and evidence-base in science and medicine.

2016 Leadership Development Program for Research and Education (50 hours), NMBU

2014 Pedagogy for Higher Education, PPUN400, 10 credits, NMBU

2005 *Doctor Artium* in Philosophy (4 years), Faculty for Social Sciences, University of Tromsø. *Our Conditional World. A Critique of the Formal Logical Approach*. Supervisor: Professor Johan Arnt Myrstad. Dissertation submitted 4 December 2004, and publicly defended on 16 September 2005. Degree awarded on 19 October 2005.

1999 *Cand. Philol.* in Philosophy (2 years), Faculty for Social Sciences, University of Tromsø.

1998 Feminist Philosophy (30 credits), University of Tromsø

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1996 *Cand. Mag.* (BA equivalent, 4 years), including Philosophy (University of Tromsø, 90 credits), Logic (University of Bergen, 60 credits), Latin (University of Oslo, 30 credits), Classical Studies (University of Tromsø, 30 credits)

Career history

Since 2022 I am 50% at the MINA faculty and 50% at the HH faculty at NMBU.

- 2022- Research Fellow, Faculty of Environmental Sciences and Natural Resource Management (MINA), NMBU
- 2011- Research Fellow, School of Economics and Business (HH), NMBU (tenured since 2015)
- 2010 Associate Professor, Examen Philosophicum, School of Economics and Business, NMBU
- 2010 Visiting Researcher, CSMN - Centre for the Study of Mind in Nature, Centre of Excellence, University of Oslo
- 2007-2009 Postdoctoral Researcher, Department of Philosophy, University of Tromsø, Norway, and Department of Philosophy, University of Nottingham, UK
- 2005-2006 Lecturer, Department of Philosophy, University of Tromsø, Norway
- 2001-2004 Doctorate Fellow, Department of Philosophy, University of Tromsø, and Department of Philosophy, Simon Fraser University, Vancouver (including 1 year teaching)
- 1997-2000 Teaching assistant, Department of Philosophy, University of Tromsø
- 1996 Teaching assistant, *Examen Philosophicum*, Department of Philosophy, University of Bergen

I RESEARCH

Research leadership and funding

From 2022, I'm involved in the RadoNorm EU project (www.radonorm.eu) at CERAD – Centre for Environmental Radioactive (Centre of Excellence at NMBU).

- 2018 - 2021 *CauseHealth Risk and Safety – Causation, Probability and Complexity in Pharmacovigilance*, 2.6 million NOK, Research Project, sponsored by the WHO's Uppsala Monitoring Centre for Drug Safety (UMC), at NMBU (1.10.2018 – 30.09.2021). The project includes funding for 1 Research Fellow. PI: Elena Rocca, Co-I: Rani Lill Anjum
- 2015 - 2019 *CauseHealth – Causation, Complexity and Evidence in Health Sciences*, 9 million NOK, Research Project, FRIHUMSAM, FRIPRO NFR, at NMBU (1.4.2015 – 31.03.2019). The project included funding for 2 Postdocs, 1 Adjunct Professor and 2 Visiting Researchers. PI: Rani Lill Anjum
- 2011 - 2014 *Causation in Science*, 10.1 million NOK, Research project, FRIHUMSAM, FRIPRO NFR, at NMBU (1.1.2011 – 31.12.2014). The project included funding for 2 PhDs, 1 Adjunct Professor, and a 5 months Overseas Fellowship to work with Stephen Mumford at Nottingham. PI: Rani Lill Anjum
- 2007 - 2009 *Causation, Dispositions and Laws*, 2.5 million NOK, Postdoctoral fellowship, FRIHUM, FRIPRO NFR, hosted by University of Tromsø (1.1.2007 - 31.12.2009). Included 12 months overseas grant for a research stay at University of Nottingham, UK. PI: Rani Lill Anjum
- 2005 3 months Project Development Grant (overgangsstipend), The Research Unit, University of Tromsø (1.2.2005 - 1.5.2005)

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- 2001 - 2005 *The Problem of Conditionals*, 1.5 million NOK, Doctoral fellowship, FRIHUM, FRIPRO NFR, hosted by University of Tromsø (1.2.2001 - 1.2. 2005). Included a 12 months Overseas Grant for a research stay at Simon Fraser University, Vancouver Canada. PI: Rani Lill Anjum
- 1999 6 months Project Development Grant (overgangsstipend), The Research Unit, University of Tromsø (1.8.1999 - 31.12.1999)

Academic publications

- Anjum, R.L and Rocca, E. (under contract) *Philosophy of Science*, under contract with Palgrave's Philosophy Today series.
- Anjum, R.L., Chandler, R.E. & Rocca, E. (2022) Dispositions and Causality Assessment in Pharmacovigilance: Proposing the Dx3 Approach for Assessing Causality with Small Data Sets, *Pharmaceutical Medicine*
- Anjum, R.L., Copeland, S. and Rocca, E. (eds) (2020) *Rethinking Causality, Complexity and Evidence for the Unique Patient. A CauseHealth Resource for Healthcare Professionals and the Clinical Encounter*, Springer
- Anjum, R.L., Copeland, S. and Rocca, E. (2020) Why is Philosophy Relevant for Clinical Practice? In: Anjum, Copeland and Rocca (eds) *Rethinking Causality, Complexity and Evidence for the Unique Patient*, Springer
- Anjum, R.L (2020) Dispositions and the Unique Patient. In: Anjum, Copeland and Rocca (eds) *Rethinking Causality, Complexity and Evidence for the Unique Patient*, Springer
- Anjum, R.L. and Rocca, E. (2020) When a Cause Cannot Be Found. In: Anjum, Copeland and Rocca (eds) *Rethinking Causality, Complexity and Evidence for the Unique Patient*, Springer
- Rocca, E. and Anjum, R.L. (2020) Complexity, Reductionism and the Biomedical Model. In: Anjum, Copeland and Rocca (eds) *Rethinking Causality, Complexity and Evidence for the Unique Patient*, Springer
- Anjum, R.L., Copeland, S. and Rocca, E. (2020) CauseHealth Recommendations for Making Causal Evidence Clinically Relevant and Informed. In: Anjum, Copeland and Rocca (eds) *Rethinking Causality, Complexity and Evidence for the Unique Patient*, Springer
- Nicholls, D., Groven, K.S., Kinsella, A. and Anjum, R.L. (eds) (2020) *Mobilizing Knowledge. Critical Reflections on the Foundations and Practice of Physiotherapy*, Routledge
- Price, C., Low, M. and Anjum, R.L. (2020) A Person-Centred and Collaborative Model for Understanding Chronic Pain. Perspectives from a Pain Patient, a Practitioner, and a Philosopher. In: Nicholls, Groven, Kinsella and Anjum (eds) *Mobilizing Knowledge. Critical Reflections on the Foundations and Practice of Physiotherapy*, Routledge
- Rocca, E. and Anjum, R.L. (2020) Causal Evidence and Dispositions in Medicine and Public Health, *International Journal of Environmental Research and Public Health*, 17(6), 1813; <https://doi.org/10.3390/ijerph17061813>
- Rocca, E. and Anjum, R.L. (2020) Erice Call for Change: Utilising Patient Experiences to Enhance the Quality and Safety of Healthcare, *Drug Safety*, <https://doi.org/10.1007/s40264-020-00919-2>
- Rocca, E. Anjum, R.L. and Mumford, S. (2020) Causal Insights from Failure, in A. La Caze and B. Osimani (eds), *Uncertainty in Pharmacology: Epistemology, Methods and Decisions* (Boston Series for the History and Philosophy of Science), Springer
- Anjum, R.L. and Mumford, S. (2020) Causation, Powers and Probability, in A. S. Meincke (ed.), *Dispositionalism: Perspectives from Metaphysics and the Philosophy of Science*, Synthese Library, Springer
- Andersen, F., Anjum, R.L. and Rocca, E. (2019) Philosophical Bias is the One Bias that Science Cannot Avoid, *eLife*, DOI: 10.7554/eLife.44929
- Rocca, E. and Anjum, R.L. (2019) Why Causal Evidencing of Risk Fails. An Example from Oil Contamination, *Ethics, Policy & Environment*, DOI: 10.1080/21550085.2019.1625547

- Anjum, R. L. and Rocca, E. (2019) From Ideal to Real Risk. Why Re-thinking Causation is Crucial, *Risk Analysis*, 39: 729-40.
- Anjum, R. L. (2019) Donald Gillies, 'Causality, Probability, and Medicine', *British Journal for Philosophy of Science*, invited book review, published online <http://www.thebsps.org/2019/04/anjum-on-gillies>
- Anjum, R.L. and Mumford, S. (2018) *What Tends to Be. The Philosophy of Dispositional Modality*. London: Routledge
- Anjum, R.L. and Mumford, S. (2018) *Causation in Science. On the Methods of Scientific Discovery*. Oxford: Oxford University Press
- Anjum, R. L., Copeland, S. and Rocca, E. (2018) Medical Scientists and Philosophers Worldwide Appeal to EBM to Expand the Notion of 'Evidence', *BMJ Evidence Based Medicine*, published online, DOI: 10.1136/bmjebm-2018-111092
- Anjum, R.L. (2018) What is the Guidelines Challenge? The CauseHealth Perspective, *Journal of Evaluation in Clinical Practice*, 24: 1127-31
- Anjum, R. L., Copeland, S., Kerry, R. and Rocca, E. (2018) The Guidelines Challenge—Philosophy, Practice, Policy, *Journal of Evaluation in Clinical Practice*, 24: 1120-6
- Anjum, R. L. (2018) Causation in Scientific Methods, *British Journal for the Philosophy of Science, Auxiliary Hypotheses*, online only: thebsps.org/2016/11/causation-in-scientific-methods
- Anjum, R.L. and Mumford, S. (2018) A Process Theory of Causation, in Nicholson, D. J. & Dupré, J. (eds.). *Everything Flows: Towards a Processual Philosophy of Biology*. Oxford: Oxford University Press, pp. 61-75.
- Anjum, R.L. and Mumford, S. (2018) Powers and Potentiality, in M. Quante and K. Engelhard (eds), *Handbook of Potentiality*, Dordrecht: Springer
- Anjum, R.L. and Mumford, S. (2017) A Philosophical Argument Against Evidence Based Policy, *Journal of Evaluation in Clinical Practice*, 23: 1045-50
- Anjum, R.L. and Mumford, S. (2017) Mutual Manifestations and Martin's Two Triangles, in Jonathan Jacobs (ed.) *Causal Powers*, Oxford University Press, pp. 77-89.
- Anjum, R.L. and Mumford, S. (2017) Emergence and Demergence, in M. Paoletti and F. Orilia (eds), *Philosophical and Scientific Perspectives on Downward Causation*, London: Routledge, pp. 92-109.
- Anjum, R.L. (2017) What Evidence? Whose Medicine? And on What Basis? *Philosophers' Magazine*, 77: 35-37
- Anjum, R.L. (2016) Evidence-Based or Person-Centered. An Ontological Debate, *European Journal of Person Centered Healthcare*, 4 (2): 421-9
- Anjum, R.L., Kerry, R. and Mumford, S. (2015) Evidence Based on What?, *Journal of Evaluation in Clinical Practice*, 21(6): E11-E12
- Anjum, R.L., Copeland, S., Mumford, S. and Rocca, E. (2015) CauseHealth: Integrating Philosophical Perspectives into Person Centered Healthcare, *European Journal for Person Centered Healthcare*, 3: 427-30
- Mumford, S. and Anjum, R.L. (2015) Freedom and Control: On the Modality of Free Will, *American Philosophical Quarterly*, 52: 1-12
- Mumford, S. and Anjum, R.L. (2014) Powers, Non-Consent and Freedom, *Philosophy and Phenomenological Research*, 91: 136-152
- Mumford, S. and Anjum, R.L. (2014) A New Argument Against Compatibilism, *Analysis*, 74: 20-5
- Kerry, R., Eriksen, T.E., Lie, S.A.N., Mumford, S. and Anjum, R.L. (2014) Causation in Evidence-Based Medicine: In reply to Strand and Parkkinen, *Journal of Evaluation in Clinical Practice*, 20: 985-7
- Kerry, R., Anjum, R.L. and Mumford, S. (2014) Response to Miles and Mezzich "Causation as a Way Forward in Person-centered Medicine", *European Journal for Person Centered Healthcare*, 2: 81-2

- Mumford, S. and Anjum, R.L. (2014) The Irreducibility of Dispositionalism, in R. Hüntelmann (ed.) *New Scholasticism Meets Analytic Philosophy*, Heusenstamm: Editiones Scholasticae: 105-28
- Mumford, S. and Anjum, R.L. (2014) A Tendentia Theory of Sporting Prowess, *Journal of the Philosophy of Sport*, 41: 399-412
- Mumford, S. and Anjum, R.L. (2013) *Causation – A Very Short Introduction*, Oxford: Oxford University Press
- Eriksen, T.E., Kerry, R., Lie, S.A.N., Mumford, S. and Anjum, R.L. (2013) At the Border of Medical Reasoning. Aetiological and Ontological Challenges of Medically Unexplained Symptoms, *Philosophy, Ethics, and Humanities in Medicine*, 8: 1-11
- Mumford, S. and Anjum, R.L. (2013) With Great Power Comes Great Responsibility, in M. Stepanians (ed.), *Causation and Responsibility: Critical Essays*, Berlin: de Gruyter: 217-35
- Mumford, S. and Anjum, R.L. (2013) Causes as Powers. Book Symposium on Getting Causes from Powers, *Metascience*, 22: 554-9
- Kerry, R., Eriksen, T.E., Lie, S.A.N., Mumford, S. and Anjum, R.L. (2012) Causation and Evidence-Based Practice: An Ontological Review, *Journal of Evaluation in Clinical Practice: Special Issue on the Philosophy of Medicine and Health Care* 18: 1006-12
- Anjum, R.L., Lie, S.A. and Mumford, S. (2012) Dispositions and Ethics, in R. Groff and J. Greco (eds) *Powers and Capacities in Philosophy: The New Aristotelianism*, New York and London: Routledge: 9-24
- Anjum, R.L. (2012) Paul Grice, in Finnish, in Järvenkylä & Kortelainen (ed.), *Tavallisen Kielen Filosofia (Ordinary Language Philosophy)*, Gaudeamus: 90-105
- Anjum, R.L. (2012) What's Wrong with Logic?, in Portuguese, *Argumentos*, 4: 257-60
- Mumford, S. and Anjum, R.L. (2011) *Getting Causes from Powers*, Oxford: Oxford University Press
- Mumford, S. and Anjum, R.L. (2011) Fundamentals of Causality, *Information, Knowledge, Systems Management*, 10: 101-10
- Mumford, S. and Anjum, R.L. (2011) Effects of Context, *Information, Knowledge, Systems Management*, 10: 75-84
- Mumford, S. and Anjum, R.L. (2011) Spoils to the Vector: How to Model Causes if You Are a Realist About Powers, *The Monist* 94 (1): 54-80
- Mumford, S. and Anjum, R.L. (2011) Dispositional Modality, in C. F. Gethmann (ed.) *Lebenswelt und Wissenschaft, Deutsches Jahrbuch Philosophie 2*, Hamburg: Meiner Verlag: 380-94
- Mumford, S. and Anjum, R.L. (2011) Causal Dispositionalism', in A. Bird and H. Sankey (eds), *Properties, Powers and Structures: Issues in the Metaphysics of Realism*, Routledge 2011, 91-107
- Mumford, S. and Anjum, R.L. (2010) A Powerful Theory of Causation, *The Metaphysics of Powers: Their Grounding and Their Manifestations*, A. Marmodoro (ed.), London: Routledge
- Mumford, S. and Anjum, R.L. (2010) What We Tend to Mean, *Norsk Filosofisk Tidsskrift*, 1 (46):20-33
- Anjum, R.L. (2010) Finnes det noe ubetinget i alt det betingede?, in L. Dybdal (ed.) *Festskrift for Hjørdis Nerheim i anledning 70-årsdagen*, Oslo: Unipub: 109-18
- Mumford, S. and Anjum, R.L. (2009) Double Prevention and Powers, *Journal of Critical Realism* 8.3: 277-93
- Anjum, R.L. (2008) Three dogmas of 'If', in A. Leirfall og T. Sandmel (eds) *Enhet i mangfold*. Festskrift for Johan Arnt Myrstad, Oslo: Unipub: 5-16
- Anjum, R.L. (2007) The logic of 'If' - Or How to Philosophically Eliminate Conditional Relations, *Sorites - Digital Journal of Analytical Philosophy*, 19: 51-7
- Jørgensen, S.R. and Anjum, R.L. (eds) (2006) *Tegn som Språk: En antologi om tegnspråk*, Oslo: Gyldendal Akademisk

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Anjum, R.L. (2006) En språklig verden: Noen tanker om språket som erkjennelsesmiddel, in S. R. Jørgensen and R. L. Anjum (eds), *Tegn som Språk. En antologi om tegnspråk*, Oslo: Gyldendal Akademisk: 199-212

Jørgensen, S.R. and Anjum, R.L. (2006) Det inkluderte mennesket, in I. Bostad and T. Pettersen (eds) *Dialog og Danning – Det filosofiske grunnlaget for læring*, Oslo: Spartacus: 87-104

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Anjum, R.L. (2000) Paul Grice og pragmatiske implikaturer: Et bidrag til debatten om formallogikkens problemer, *Norsk Filosofisk Tidsskrift*, 2: 129-46

Anjum, R.L. and Fjørtoft, K. (1999) David Hume: Om kunstige og naturlige dyder, in L. Rustad and H. Bondevik (eds), *Kjønnspektiver i Filosofihistorien*, Oslo: Pax Forlag: 112-27

Networks and collaborations

Co-authoring

I co-author with researchers from philosophy and other disciplines, primarily for the intellectual and personal benefits of sharing and developing ideas in collaboration. This is unusual in the Humanities, where we don't need a whole team to carry out different parts of a research project. When I work with others, we are equal authors, where each contributes equally to the work, intellectually and practically. This is possible because we use the Mumford Method for Academic Writing, which is particularly suitable for process-based writing and co-authoring. In an article in *Times Higher Education* on 16 December 2015, Stephen Mumford and I talk about how we have confronted suspicion and misconceptions of co-authorships.

www.timeshighereducation.com/blog/confronting-suspicion-and-misconceptions-co-authorship

Trans-disciplinary research networks

I'm involved in various research networks and projects, but these are the ones where I have played a central role in the planning, organisation and/or execution of the research.

- EvalueHealth - Evaluating Evidence Base and Philosophical BIAS to Improve Health Decisions. PI: Fredrik Andersen. Co-Is: Elena Rocca, Stephan Güttinger, Rani Lill Anjum – submitted FRIPRO NFR application
- CauseHealth global network, Causation, Complexity and Evidence in Health Sciences. Directors: Rani Lill Anjum and Elena Rocca. <https://causehealthblog.org/the-team/>
- CauseHealth Risk and Safety network, Causation, Probability and Complexity in Pharmacovigilance. PI: Elena Rocca. Co-I: Rani Lill Anjum. <https://causehealthpharmacovigilance.wordpress.com/network/>
- CAPS interdisciplinary network, Centre for Applied Philosophy of Science, NMBU. Directors: Rani Lill Anjum and Elena Rocca. <https://www.nmbu.no/en/faculty/hh/research/centers/caps/people>
- The Erice Working Group, Utilising Patient Experiences to Enhance the Quality and Safety of Healthcare, International School of Pharmacology. <https://link.springer.com/article/10.1007/s40264-020-00919-2>
- Causation in Medicine global research network, Expanding the Notion of Evidence. <https://ebm.bmj.com/content/25/1/6>

Twitter

I have used Twitter for professional networking, philosophical discussion and research dissemination since 2009. My account @ranilillanjum now has over 15k followers, most of whom are academics. I manage a list of academic philosophers, Philosophers on Twitter, following more than 4500 philosophy accounts. I also have an account for the CauseHealth project: @Cause_Health

Talks, interviews and paper presentations

- 2022 Ethics for Public Health, NMBU
- 2022 Causing change and stability, Persistence in Stability Workshop, Change and changemakers research group, International Center for Philosophy NRW, Bonn
- 2022 Dispositionalism in medicine, Dispositions in the Life Sciences. Contemporary and Historical Perspectives, Trier University
- 2022 Co-authorship in Phd-supervision from a research ethics perspective, Lunch seminar at the Veterinary Faculty, NMBU
- 2022 Perspectives from philosophy, First International Workshop on Interactive Causal Learning, Washington DC, (virtual keynote)
- 2022 Philosophical theories of causality, Causal Inference Seminar, Queen's University Belfast Centre for Public Health (web)
- 2022 What is causation? Two philosophical perspectives, Queen's University Belfast Centre for Public Health, Belfast (web)
- 2022 Philosophical foundations in health sciences – Causality, probability and complexity, Causal Inference Seminar, Queen's University Belfast Centre for Public Health (web)
- 2022 Causality in the health sciences: philosophy and methods, Centre for the Study of the Sciences and the Humanities (SVT), University of Bergen (web)
- 2022 Student active learning and evaluation, Faculty of Environmental Sciences and Natural Resource Management, NMBU
- 2022 Supervision or co-authoring? Webinar in research ethics, NMBU
- 2022 Den unike pasienten – kunnskap i praksis (The unique patient – knowledge in practice), keynote for the Norwegian Physiotherapy Congress 2022, Gardermoen, Oslo Airport
- 2022 Philosophical bias in science and the three main approaches towards knowledge: rationalism, empiricism, and perspectivism, Al-Mawrid Institute, Pakistan (web)
- 2021 Causality and person-centredness, and mixed method design, University of South-Eastern Norway
- 2021 Above and beyond statistical evidence. Why stories matter, Oslo Metropolitan University
- 2021 Ethics for Public Health, NMBU
- 2021 The complexity of primary care. A podcast interview for Deep Breath In – the BMJ podcast for General Practitioners, <https://soundcloud.com/bmjpodcasts/the-complexity-of-primary-care-with-rani-lill-anjum>
- 2021 Developing critical interdisciplinary thinking in master programs: Experiences from the course “Interdisciplinary and Expert Disagreement in Sustainability Research”, NMBU
- 2021 Do we need philosophy in health science? YouTube interview with Jared Powell for Shoulder Therapy, https://youtu.be/Jjvu6v7v2_I

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- 2021 A dispositionalist account of causation. Application to biology. Conference: Alternative Approaches to Causation: Difference-making and Mechanism, University of Kent
- 2021 Working in interdisciplinary expert teams – how to overcome some disciplinary barriers for interdisciplinary collaboration, Faculty of Environmental Sciences and Natural Resource Management, NMBU
- 2021 Dispositions and Causal Evidence in Medicine. Conference: Philosophy and Methodology of Medicine, Ludwig-Maximilians-Universität München and University of Kent
- 2021 Evidence Based or Person Centred?, School of Sport and Exercise, University of Gloucestershire
- 2021 Causation in Podiatry. A podcast interview for PodChatLive. <http://podchatlive.com/episode-93-with-rani-lill-anjum-alex-murray-causation-in-podiatry/>
- 2021 How to Support Students in Performing Ethically Responsible Research, NMBU
- 2021 Philosophers Chatting with Clinicians, Philosopher Rani Lill Anjum meets Psychologist Dr Shreena Unadkat, podcast interview by Laura Rathbone, <https://philsclinschat.podbean.com/e/5-rashre/>
- 2021 Expanding the Meaning of Causal Evidence in Medicine. Challenges and Achievements of CauseHealth. Digital conference: Critiquing Evidence Criticism. DFG-Forschungsgruppe Evidenzpraktiken, Munich
- 2021 Complexity, Simplified! A Talk on the Complex Patient, Causation, and Manual Therapy. Recorded webinar with Steven King, Vocal Health Education, London <https://www.youtube.com/watch?v=Rm9JgENBvhc>
- 2021 What's Your Philosophical Bias? An interactive talk with Evie Martin for Physios Online: <https://youtu.be/CGoABB8t9b8>
- 2021 Dispositions, Causality and Causal Evidencing. Research Seminar. UMC Research Department, Uppsala Monitoring Centre
- 2021 How Do We Care for the Unique Patient Within EBP? CauseHealth to the Rescue. Recorded webinar: Critical Perspectives on Allied Health Professions, Han University of Applied Sciences: https://www.youtube.com/watch?v=iVz4Au_JrTM
- 2021 Causality, Person Oriented Practice and Evidence Base. Interview with Jørgen Jevne and Stian Christophersen for the *Vondt* Podcast (in Norwegian) <http://www.radio-norge.org/podcasts/vondt-en-podcast-om-muskel-og-skjelettplager>
- 2021 Philosophy of Science and Philosophical Bias. Rethinking Economics webinar, NMBU
- 2021 CauseHealth Recommendations for Making Causal Evidence Clinically Relevant and Informed. Interview with Oliver Thomson, The CauseHealth Podcast Series <https://www.wordsmatter-education.com/the-causehealth-series>
- 2020 Causality, Person-centredness and Mixed Methods, University of South-Eastern Norway
- 2020 Causation in Medicine, Recorded webinar with Steven King, Vocal Health Education <https://www.facebook.com/watch/?v=1069811673487277>
- 2020 Why is Philosophy Relevant for Clinical Practice? Interview with Oliver Thomson, The CauseHealth Podcast Series, <https://www.wordsmatter-education.com/the-causehealth-series>

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- 2020 Dispositions and the Unique Patient? Interview with Oliver Thomson, The CauseHealth Podcast Series, <https://www.wordsmatter-education.com/the-causehealth-series>
- 2020 When a Cause Cannot Be Found. Interview with Oliver Thomson, The CauseHealth Podcast Series, <https://www.wordsmatter-education.com/the-causehealth-series>
- 2020 Complexity, Reductionism and the Biomedical Model. Interview with Oliver Thomson, The CauseHealth Podcast Series, <https://www.wordsmatter-education.com/the-causehealth-series>
- 2020 What is Morally Acceptable? A Conversation on Ethical Judgement. Recorded webinar with Ingrid Torp for the 30th Anniversary, Norwegian National Ethics Committees (Norwegian) <https://forskningsetikk.kg5.no/>
- 2020 Causation in complexity - Philosophy for practice. Interview with Oliver Thomson on the Words Matter podcast, <https://www.wordsmatter-education.com/blog/podcast-16-causation-in-complexity-philosophy-for-practice-with-dr-rani-lill-anjum>
- 2020 What is Causation? Causation and Scientific Methods. Seminar: Kausalitet, evidens og standardisering fra et vitenskapsteoretisk perspektiv. Department of Psychology, University of Oslo
- 2019 Co-authorship and PhD-supervision from a Practical and Research Ethical Perspective, for PhD-supervisors, Faculty of Landscape and Planning, NMBU
- 2019 Co-authorship and PhD-supervision from a Practical and Research Ethical Perspective, for PhD-students, NMBU
- 2019 The Clinical Squeeze Between Public Health Perspectives and the Individual Patient, ART (ambulant rehabilitation team Kirkenes, Tromsø, Alta, Hammerfest, Bodø, Lofoten, Narvik), over skype
- 2019 Ontological and Epistemological Foundations of Person Centered Practice. ART Helse Nord (Ambulerende rehabiliteringsteam), Finnmarkssykehuset, 27-29 August 2019, Kirkenes, Norway
- 2019 Dispositionalism in Medicine, New Foundations of Dispositionalism, University of Exeter
- 2019 Causation and Probability: Beyond a positivist scientific ideal. University of Agder, Fevik
- 2019 What is CauseHealth?, Towards a Person Centered Healthcare and Practice. A CauseHealth conference on Philosophy, Persons and Value in memory of Stephen Tyreman. London University College for Osteopathy, London
- 2019 Advantages, challenges and strategies for inter-disciplinary co-authoring, NMBU SoDoc, Ås
- 2019 Den filosofiske spenningen mellom evidensbasert og personorientert praksis, Fagdag Norsk Osteopatiforbund, Høyskolen Kristiania, Oslo
- 2019 Å lage rom for samskaping i akademia, BALANSE, Universitetet i Agder, Kristiansand
- 2018 Pharmacovigilance and causation in the single case. A dispositionalist approach, Experimenting with Causality: causal inference, Brexit and other single cases, Wissenschaftszentrum für Sozialforschung Berlin, Berlin
- 2018 History of evidence hierarchies, symposium at Evidence Live conference, Oxford Centre for Evidence Based Medicine and British Medical Journal, Oxford.
- 2018 Philosophy of evidence. Dimensions of evidence and criteria for standard improvements, symposium at Evidence Live conference, Oxford Centre for Evidence Based Medicine and British Medical Journal, Oxford
- 2018 CauseHealth pharmacovigilance, Fagseminar om signalhåndtering, Kompetansenettverket for legemiddelovervåking, Legemiddelverket, Oslo
- 2018 A new approach to causality, Fagseminar om signalhåndtering, Kompetansenettverket for legemiddelovervåking, Legemiddelverket, Oslo

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- 2018 Causation, Complexity and Evidence in Health Sciences, CauseHealth seminar on chronic fatigue, Akershus University Hospital, Ahus
- 2018 CauseHealth meets pharmacovigilance, seminar, WHO Uppsala Monitoring Centre, Uppsala
- 2018 Ontologisk grunnlag for vitenskapelig praksis, Fagdag om personorientert helsearbeid, Universitetet Sørøst, Drammen
- 2018 Evidensbasering i medisin og helsefagene, Forskningsseminar ved Institutt for fysioterapi, Oslo Met, Oslo
- 2018 Causation, Complexity and Evidence in Health Sciences, Annual conference on morbid obesity (Fedmeforskningdagene), Nordland legeförening, Bodø
- 2018 What does philosophy have to do with risk assessment? An example from oil contamination, Breakfast seminar, School of Economics and Business, NMBU
- 2018 Causation, Complexity and Evidence in Health Sciences, Uppsala Monitoring Centre 40th Anniversary, UMC, Uppsala
- 2018 Escaping Plato's world of Forms. Approaching causal processes for real life contexts, Process Biology, Final conference of the ERC project 'A Process Ontology for Contemporary Biology', London
- 2018 Philosophical BIAS in science, CAPS presents seminar, Centre for Applied Philosophy of Science, NMBU
- 2018 Manipulating Practices. Critical Openings Commentary, Book launch, Cappelen Damm, Litteraturhuset, Oslo
- 2018 Causation and scientific methods in medicine and beyond, Department of Philosophy, University of Edinburgh
- 2018 Contamination, risk and evidence, CAPS presents seminar, Centre for Applied Philosophy of Science, NMBU
- 2017 Beyond positivism: causation and scientific methods, Beyond Positivism conference, Critical Realism Network, Yale University, Montreal
- 2017 Evidensbasert eller personsentrert. Et filosofisk paradigmeskifte, Medisinsk-filosofisk forum Nord, Nordland Legeförening, Bodø
- 2017 Post Market Risk Assessment of Drugs as a Way to Uncover Causal Mechanisms, Conference: Drug safety, probabilistic causal assessment, and evidence synthesis, Munich Centre for Mathematical Philosophy, Munich
- 2017 A philosophical argument against evidence based policy. The dispositionalist interpretation, The Guidelines Challenge. Philosophy, Practice, Policy, CauseHealth conference, Oxford
- 2016 En Filosof Bygger sin Karriere, career development for female academics, NMBU
- 2016 Overnumerousness – Two Views on Causation, Causality workshop, Department of Philosophy, University of Copenhagen
- 2016 Ontology and Medicine – How philosophy can be useful for guidelines development, CauseHealth workshop on philosophy and guidelines, London
- 2016 Creating a New Ontological Foundation for the person-centered care of MUS, Workshop: The Person Centered Care of Medically Unexplained Symptoms, European Society for Person Centered Healthcare, London
- 2016 Ontology and Scientific Norms in Medicine and the Medically Unexplained, EBM+ workshop, UCL Department of Science and Technology Studies, University College London
- 2016 Livet som student, Welcome lecture for new students at NMBU, NMBU

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- 2016 Overnumerousness – Two Views on Causation, Conference: The foundations of evidence-based medicine, Institute of Health and Society, University of Oslo
- 2016 Causation in Science – The Philosophical Challenge, CauseHealth Physio conference, Nottingham
- 2016 A Conclusive Argument Against Evidence Based Policy, N=1 conference, CauseHealth, NMBU
- 2016 Et Filosofisk Paradigmeskifte i Medisin, Medical Philosophical Forum, University of Oslo
- 2016 Evidence Based or Person Centered. An Ontological Debate, Research Seminar, Department of Philosophy, University of Cardiff
- 2015 Dealing with Causation, Complexity and Variation, Causation, Climate Change, Adaption, Department of International Environment and Development Studies (Noragric), NMBU
- 2015 Causation, Complexity and Evidence in Health Sciences, Research Seminar, Department of Philosophy, University of Århus
- 2015 Causation, Complexity and Evidence in Health Sciences, Causation in the Special Sciences, University of Bologna
- 2015 Introducing CauseHealth, International Networking Meeting, NMBU
- 2015 Causation in Scientific Methods and the Medically Unexplained, Institute of Health and Society, University of Oslo
- 2015 Causation in Scientific Methods and the Medically Unexplained, symposium on Medicalisation, ESPMH – European Society for Philosophy of Medicine and Health Care, the Bioethics Institute Ghent
- 2015 Causation in Scientific Methods and the Medically Unexplained, *Fifth Biennial for Society for Philosophy of Science in Practice*, University of Århus
- 2015 Creating a New Ontological Foundation for Person Centred Healthcare, *Annual Meeting of European Society for Person Centered Healthcare*, Francisco de Vitoria, Madrid
- 2015 Overnumerousness: The Causal Value of Big Data, *Propensities, Chance, and Statistics*, Institute of Philosophy, London University
- 2015 Creating a (Female) Academic Career Path, *Career development for female postdoctoral research fellows*, NMBU
- 2015 My FRIPRO: How to develop a research proposal from idea to deadline, invited talk, *Info seminar on the new FRIPRO call, Toppforsk*, the Research Unit, NMBU
- 2015 Dispositionalism: A Dynamic Theory of Causation, invited talk, *Dispositions in Science*, Department of Philosophy, University of Rome 'Roma TRE'
- 2015 Causation is Not Your Enemy, invited talk, *Real Possibilities, Indeterminism and Free Will*, University of Konstanz
- 2015 Causation in Medicine, invited talk, *Power Structuralism in Ancient Ontologies*, Corpus Christi College, University of Oxford
- 2015 The Power to Will, invited talk, *Real Possibilities, Indeterminism and Free Will*, University of Konstanz
- 2014 Korrelasjon og kausalitet, invited talk, Norwegian Institute of Public Health, Oslo
- 2014 A Process Theory of Causation, invited talk, *Process Theory of Biology*, University of Exeter
- 2014 Causation in Medicine, invited talk, Department of Philosophy, University of Granada
- 2014 On a Methodological Pluralism for the Causal Sciences, invited talk, *The Limits of Science*, University of Granada

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- 2014 On a Methodological Pluralism for the Causal Sciences, *Causation in Science: Powers, Mechanism, Singularism*, NMBU, Aas
- 2014 Overnumerousness: The Causal Value of Big Data, invited talk, *Numbers*, SVT – Centre for the Study of the Sciences and the Humanities, University of Bergen
- 2014 What We Tend to Know, *CauSci in Barcelona: Causation, Laws, Dispositions*, University Autonomous Barcelona
- 2014 Understanding Causation by Way of Failure, Nordic Network for Philosophy of Science, Lund University
- 2014 Understanding Causation by Way of Failure, invited talk, *The Metaphysics of Science: Causation and Kinds*, IHPST, Paris Sorbonne I
- 2014 It's not All in Your Genes. A Biologically Disposed Theory of Causation, invited talk, *Exeter Biological Interest Group*, Egenis, University of Exeter
- 2013 Causation, Tendency and Dispositional Modality, invited talk, *Philosophy of Science in the 21st Century – Challenges and Tasks*, Centre for Philosophy of Science, University of Lisbon
- 2013 Causation in Scientific Method, invited talk, SVT – Centre for the Study of the Sciences and the Humanities, University of Bergen
- 2013 Metaphysics, Logic and Science, invited talk, Centre for Philosophy of Science, University of Lisbon
- 2013 Powers, Causation & Probability, invited talk, Centre for Philosophy of Science, University of Lisbon
- 2013 Conditional Probability from an Ontological Point of View, invited talk, *Laws, Powers and Natural Modality*, University of Geneva
- 2013 The Modality of Powers, Laws, Powers and Natural Modality, invited talk, *Laws, Powers and Natural Modality*, University of Geneva
- 2013 Powers, Causation and Probability, invited talk, *The Ontological Commitments of Dispositionalism*, University of Innsbruck
- 2013 Carnap and the Anglo-Austrian Conspiracy against Dispositions, invited talk, *The Ontological Commitments of Dispositionalism*, University of Innsbruck
- 2013 Causation and Probability, invited talk, *Philosophy of Science International Colloquium*, University of Bergen
- 2013 Kausalitet, determinisme og fri vilje, invited talk, *Vitenskapsteoretisk forum*, NTNU, Trondheim
- 2013 Causation in Science, *Nordic Network for Philosophy of Science, 1st workshop*, Uppsala University
- 2013 A New Argument Against Compatibilism, *The Metaphysics of Free Will*, NMBU, Aas
- 2013 Power to Will, *The Metaphysics of Free Will*, NMBU, Aas
- 2013 Free Will and Modality, invited talk, *Causation and Agency in our Indeterministic World*, University of Utrecht
- 2012 Causation in Science: An Interdisciplinary Research Project, invited talk, *What is Inter-disciplinary Success?*, Lund Universitet
- 2012 Getting Chances from Powers, *Causation in Physics: Modality, Temporality and Reduction*, NMBU.
- 2012 Dispositions and Ethics, invited talk, *Ethics & Personal Dispositions*, Paris, Sorbonne University IV
- 2012 The Power to Will, invited talk, *Dispositions Workshop*, University of Granada
- 2012 Getting Causes from Powers, invited guest lecture, *PhD-seminar*, University of Granada
- 2012 Why Correlation is Not Part of Causation, *NMBU PhilSci Forum*, NMBU
- 2011 Causation in Science, invited talk, *Filosofikafeen Hybris*, University of Bergen

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- 2011 Why Correlation is Not Part of Causation, *NOFE XIX Norwegian Conference of Epidemiology: Assessing Causality in Theory, Practice and Health Policy*, Oslo
- 2011 A Biologically Disposed Theory of Causation, *CauBio - Causation and Complexity in Biology and Beyond*, CauSci and Norwegian University of Life Sciences (NMBU)
- 2011 A Dispositional Theory of Causation, invited talk, *Philosophisches Kolloquium*, University of Cologne
- 2011 Understanding Causation by Way of Failure, invited talk, *Putting Powers to Work*, St. Louis University
- 2011 Causation in Physics, invited talk, *Causality, Inference and Science*, Complutense University Madrid
- 2010 Getting Causes from Powers, invited talk, *Vitenskapsteoretisk forum*, NTNU
- 2010 Causal Production without Necessitation, invited talk, *Dispositions & Causation*, University of Turku
- 2010 Causation, Dispositions and Modality, invited talk, *The Possibility of Metaphysics in Twentieth Century and Contemporary Philosophy*, University of Tampere
- 2010 Kausalitet og disposisjoner, invited guest lecture, *Centre for the Study of the Sciences and the Humanities (SVT)*, University of Bergen
- 2010 Causation and Reductionism in the Sciences, *Centre for the Study of the Sciences and the Humanities (SVT)*, University of Bergen
- 2010 With Great Power Comes Great Responsibility: Causation and Responsibility in Spider-man and Possibly Moore, *International Book Symposium on Michael S. Moore's Causation and Responsibility. An Essay in Law, Ethics and Metaphysics*, RWTH Aachen University
- 2010 What's Wrong with Logic, *CSMN – Centre for the Study of Mind in Nature*, University of Oslo
- 2010 Counterfactual Dependence versus Causal Dispositionalism, invited talk, *Dispositions Workshop*, CSMN, University of Oslo
- 2010 Dispositional Modality, invited talk, *Dispositions Workshop*, CSMN – Centre for the Study of Mind in Nature, University of Oslo
- 2010 Kausalitet og disposisjoner, invited talk, *Seminaret i Vitenskapsteori*, University of Oslo
- 2009 A Biologically Disposed Theory of Causation, *PSBio Conference*, University of Oslo
- 2009 Modelling Causes as Vectors, invited talk, *Dispositions workshop*, Granada University
- 2009 Counterfactuals, Preventions and Absences, invited talk, *Dispositions workshop*, Granada University
- 2008 Causal Dispositionalism, invited talk, *Metaphysics of Science Workshop*, Granada University
- 2008 Modelling Causes as Vectors, *Métaphysique de la Science*, international workshop, Philosophie, Langues & Cognition, Université Pierre-Mendès-France, Grenoble
- 2008 Confessions of a Radical Contextualist: Why I Cannot Give up on Literal Meaning, Department of philosophy, University of Nottingham
- 2008 The Paradoxes of Conditional Probability, *Causality Study Fortnight*, international conference, University of Kent
- 2008 Powers and Causation, *Potentiality Workshop*, University of Tromsø
- 2007 Powers as Causal Truthmakers, invited talk, *Powers, Causation and Laws*, St. John's College, University of Durham
- 2007 Powers as Truthmakers of Causal Claims, *Metaphysics of Science Workshop*, organised by Zentrum für Wissenschaftstheorie, University of Münster
- 2007 All Men are Animals, *Joint Session*, University of Bristol
- 2007 Causation and Context, *Metaphysics of Science Workshop*, University of Lund

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- 2007 Causation and Context, *Rethinking Causation*, University of Tromsø
- 2006 Context, Meaning and Truth, invited talk, *The Semantic/Pragmatic Distinction: Minimalism versus Contextualism*, Department of Linguistics, NTNU
- 2006 Steve Talbott's 'Logic, DNA, and Poetry', *GenØk – Centre for Biosafety*, University of Tromsø.
- 2003 If and Because, invited talk, *PhD-seminar*, University of Oslo, Isegran
- 2002 A Solution to the Paradox of Indicative Conditionals, *Annual meeting of Society for Exact Philosophy (SEP)*, Washington University, St. Louis
- 2002 Conditionals and Truth Functionality, *Mistakes of Reason: A conference in honour of John Woods*, University of Lethbridge

II TEACHING AND SUPERVISION

Teaching

I love teaching and I have taught regularly since 1996. I especially enjoy teaching philosophy to non-philosophers, at any level.

- 2023- MINA321 *Interdisciplinarity and Expert Disagreement on Sustainability*, Master course, NMBU, course responsible and lecturer
- 2022- MINA400 *Research Education Across Disciplines*, PhD course in Philosophy of Science and Research Ethics, NMBU, course responsible and lecturer
- 2022- MINA320 *Tverrfaglig Samarbeid og Kontroverser om Bærekraft*, Master course, NMBU, course responsible and lecturer
- 2022 PS901 *Research Design, Methods, Ethics and Philosophy of Science*, PhD-course, University of Bergen, guest lecturer
- 2021-2022 FHV330 *Public Health Science*, Master course, NMBU, guest lecturer
- 2021 PHDPCR500 *Person-centered Science and Research*, PhD-course, University of South-Eastern Norway, guest lecturer
- 2021 MABU4100 *Physical Therapy for Children and Young People*, Master program in Health Sciences, Oslo Met, guest lecturer
- 2021 Challenges and solutions with using evidence in health-care, free online course by Podiatry Systems x CauseHealth, lecturer, <https://www.podiatrysystems.com.au/causehealth>
- 2021 PPVE400 *Master and PhD Supervision*, course for NMBU staff, NMBU, guest lecturer
- 2020-2021 PHDPCR *The Science and Practice of Person-centred Research*, PhD-course, University of South-Eastern Norway, guest lecturer
- 2020 PHI300/404 *Interdisciplinarity and Expert Disagreement in Sustainability Research*, MA/PhD course, NMBU, course responsible with Elena Rocca. Funded by the NMBU Sustainability Award, 100.000 NOK
- 2019- PHI101 *Examen Philosophicum* in Norwegian, BA course, NMBU, lecturer
- 2015- PHI102 *Examen Philosophicum* in English, BA course, NMBU, course responsible
- 2013-2019 PHI302/403 *Causation in Science*, MA/PhD course, NMBU, course responsible
- 2019 *Theory of Science and Ethics*, PhD course University of Agder, Grimstad, guest lecturer
- 2018-2020 *Theory of Science in Development and Planning Studies*, PhD course NMBU, guest lecturer

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2018-2019	<i>Philosophy of Science and Ethics</i> , MA course Østfold University College, Halden, guest lecturer
2015-2018	<i>Strategy Implementation & Performance Measurements</i> , MA course, NMBU, guest lecturer
2015-2017	<i>Philosophy of Science</i> , PhD course, NMBU Vet School, guest lecturer
2014	MN490 <i>Theory of Science and Ethics</i> , PhD course, Faculty of Mathematics and Natural Sciences, University of Bergen
2012	<i>Causation in Physics: Temporality, Modality and Reduction</i> , international PhD course NMBU, course responsible
2011	<i>Causation and Complexity in Biology and Beyond</i> , international PhD course, NMBU, course responsible
2010	PHI101 <i>Examen Philosophicum</i> , NMBU, lecturer
2009	<i>Philosophy of Science</i> , PhD Research Training Programme, University of Nottingham, guest lecturer
2008	V74LAL <i>Language and Logic</i> , MA course, University of Nottingham, course responsible
2006	HIF-8003 <i>Philosophy of Science</i> , PhD seminar, University of Tromsø, lecturer
2005-2006	<i>Examen Philosophicum</i> , University of Tromsø, seminar teacher
2003	<i>Language and Reality</i> , MA seminar, Department of Philosophy, University of Tromsø, course responsible
2003	<i>Philosophy of Language</i> , MA seminar, Department of Philosophy, University of Tromsø, course responsible
2001	<i>Meaning and Context</i> , MA seminar, Department of Philosophy, University of Tromsø, course responsible
1997-2000	BA-course <i>Introduction to Logic</i> , Department of Philosophy, University of Tromsø, seminar teacher
1996	<i>Introduction to Logic, Examen Philosophicum</i> , University of Bergen, seminar teacher

External examination

2013-2022	PhD course in <i>Philosophy of Science</i> , Centre for Practical Knowledge, University of Nordland, Bodø
2021	Opponent for PhD defence at the Centre for Practical Knowledge, The Faculty of Nursing and Health Sciences, University of Nordland, Bodø. Dissertation: <i>Standardisation of nursing. How does this affect practice?</i>
2020-	MA course in <i>Philosophy of Science and Ethics</i> , Oslo Met, Oslo
2019	Opponent for PhD defence at the Department of Philosophy, University of Murcia, Spain. Dissertation: <i>Questions at the intersection between metaphysics and biology: towards a metaphysics of biology</i>
2018	Opponent for PhD defence at School of Business and Law, University of Agder. Dissertation: <i>Intertemporal decision-making and types of rationality in sustainable development thinking in business: an exploratory study</i>
2018	PhD course in <i>Quantitative Method</i> , Centre for Practical Knowledge, Nord University, Bodø

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- 2016 Opponent for PhD defence at Faculty of Medicine, UiT Norwegian Arctic University. Dissertation: *Training interaction in local teams: using critical participatory action research to explore context based learning*
- 2015 Opponent (committee member) for Dr. Philos. defence at Faculty of Medicine, University of Oslo.
- 2014 BA/MA course FIL219/319 in *Philosophy of Science*, Department of Philosophy, University of Bergen Page | 16
- 2013-2014 BA course *Science in Social Context*, Department of Philosophy, University of Bergen
- 2013 BA course FIL220 and the MA course FIL301 in *Metaphysics*, Department of Philosophy, University of Bergen
- 2013 MA dissertation, trial lecture and oral examination, Department of Philosophy, NTNU, Trondheim
- 2012 PhD course in *Philosophy of Science*, Norwegian Fishery College, University of Tromsø

III Professional service

Conference and seminar organisation

- 2022- NMBU Research Ethics Forum (initiator and facilitator) organised in collaboration with the Unit for Research and Innovation, the University Library and the Faculty of Environmental Sciences and Natural Resource Management (MINA), NMBU
- 2022 Pedagogy seminar for teaching staff (organising committee), Faculty of Environmental Sciences and Natural Resource Management (MINA), NMBU
- 2021 NMBU CAPS webinar series: Collaboration Across Disciplinary Boundaries. How to Make it Work. <https://www.nmbu.no/en/faculty/hh/research/centers/caps/news/node/43611>
- 2021 CauseHealth ethics symposium: *Ethical Implication of Standardisations in Healthcare Practice and Research*. Zoom event, 12 and 19 March
- 2020 Mini-conference: *Interdisciplinarity and Expert Disagreement in Sustainability Research: Uncovering the Philosophical Biases of Scientific Controversies*. NMBU (virtual event), 10-11 June. Talks available at <https://interdisciplinarityandexpertdisagreement.wordpress.com/>
- 2019 One-day seminar: *CauseHealth and the Clinic: Philosophical Bias in Medicine*. NMBU, 22 August.
- 2019 CauseHealth conference: *Towards a Person Centered Healthcare and Practice. A CauseHealth conference on Philosophy, Persons and Value in memory of Stephen Tyreman*. London University College for Osteopathy 10.5. Keynote speakers: Steven Vogel, Hilary Abbey, Michael Loughlin, Anna Luise Kirkengen
- 2018 CauseHealth seminar: *Chronic Fatigue Syndrome: ontological and epistemological challenges*, Ahus 9.11. Keynote speakers: Peter D. White, Per A. Brodal, Silje Reme, Vegard Bruun Wyller, Elling Ulvestad
- 2017 CauseHealth conference: *The Guidelines Challenge*, Oxford 3-4.10. Keynote speakers: Nancy Cartwright, Trish Greenhalgh, Brian Broom, Mike Kelly
- 2017 *CauseHealth seminar on person centred healthcare*, Son 7-8-09. Invited speakers (a.o.): Brian Broom, Anna Luise Kirkengen, Linn Getz, Matthew Low
- 2016 CauseHealth workshop: *The Person Centered Care of Medically Unexplained Symptoms*, London. Invited speakers (a.o.): Brian Broom, Mary Chambers, Carmel Martin

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- 2016 CauseHealth workshop: *N=1 – Causal Reasoning and Evidence for Clinical Practice*, NMBU 12-13.01. Invited speakers (a.o.): Anna Luise Kirkengen, Alex Broadbent, Rachel Cooper
- 2015 CauseHealth Physio conference: *Science, Policies and Persons in Physiotherapy*, Nottingham. Invited speakers (a.o.): Emma Stokes, Tracy Bury, Mick Thacker, Fiona Moffatt
- 2015 *CauseHealth international networking meeting*, NMBU 12-13.10. Speakers: Vegard Bruun Wyller, Elisa Arnaudo, Roger Kerry, Elena Rocca, Michael Loughlin, Linn Getz, Matthew Low
- 2014 *Causation in Science: Powers, Mechanism, Singularism*, international conference for the project 'Causation in Science', NMBU 15-17.9. Invited speakers (a.o.): Max Kistler, John Heil, Anna Marmodoro, Jennifer McKittrick, Jon Williamson, Phyllis Illary, Mauro Durato, Maria José Garcia Encinas, Ruth Groff, Stephen Mumford, John Symons
- 2013 *The Metaphysics of Free Will: Empowerment, Agency and Freedom*, international and interdisciplinary symposium for the project 'Causation in Science', NMBU 16-17.4. Invited speakers (a.o.): Tim O'Connor, Randolph Clarke, Jonathan Webber, Mark Bickhard, Ruth Groff, Stephen Mumford, Sara Bernstein, Thomas Müller
- 2012 *Causation in Physics: Temporality, Modality and Reduction*, international and interdisciplinary symposium for the project 'Causation in Science', NMBU 3-5.9. Invited speakers (a.o.): Mauricio Suarez, Carl Hoefer, Stephen Mumford, Mauro Durato, Henrik Zinkernagel, Allen Stairs
- 2011 *Causation and Complexity in Biology and Beyond*, international and interdisciplinary symposium for the project 'Causation in Science', NMBU 18-20.10. Invited speakers (a.o.): John Dupré, Stephen Mumford and Andreas Hüttemann
- 2009 Organising committee, *Metaphysics of Science Nottingham Conference '09*, international Metaphysics of Science conference, University of Nottingham 12-14.9. Invited speakers: Jennifer McKittrick, James Woodward, Katherine Hawley, Barry Loewer, Helen Beebe, Anthony Eagle, Marc Lange, L. A. Paul
- 2009 *Causation and Reductionism in the Sciences*, international workshop for the project 'Causation, dispositions and laws', University of Tromsø 15.5. Invited keynote: Stephen Mumford
- 2008 *Potentiality Workshop*, international workshop for the project 'Causation, dispositions and laws', University of Tromsø (9.5). Invited keynote: Stephen Mumford
- 2007 *Rethinking Causation*, international workshop for the project 'Causation, dispositions and laws', University of Tromsø (25-27.4). Invited keynote: Stephen Mumford
- 2007 Organising committee, *Metaphysics of Science Nottingham Conference '07*, international conference, University of Nottingham (10-11.2). Invited speakers: Phil Dowe, Max Kistler, Francis Longworth, Gerhard Schurz, Ann Whittle
- 2001 Organising committee, *Contemporary Issues in Meta-Philosophy*, international seminar, University of Tromsø (30.11 - 1.12). Invited keynote: Richard Rorty

Reviewing

- *American Philosophical Quarterly*
- *Analytic Philosophy*
- *Anthropological Theory*
- *Argumenta*
- *Australasian Journal of Philosophy*
- *British Journal for Philosophy of Science*
- *British Medical Bulletin*
- *Cappelen Damm Akademisk*
- *Dialectica*

- *Erkenntnis*
- *European Journal for Philosophy of Science*
- *Government and Opposition*
- *Inquiry: An Interdisciplinary Journal of Philosophy*
- *International Studies in the Philosophy of Science*
- *Journal of Evaluation in Clinical Practice*
- *Medicine, Healthcare and Philosophy*
- *Mind*
- *Mind and Machines (MIND)*
- *Netherlands Institute for Advanced Study*
- *Oxford University Press*
- *Philosophers' Imprint*
- *Philosophia*
- *Philosophical Quarterly*
- *Philosophical Psychology*
- *Philosophical Studies*
- *Ratio*
- *Res Philosophica*
- *Springer*
- *Studies in History and Philosophy of Science*
- *Synthese*
- *The International Journal of Risk & Safety in Medicine*
- *Theoretical Medicine and Bioethics*

Committee work

- 2022- NMBU Research Ethics Committee (Deputy Leader), NMBU
- 2022-25 The National Committee for Research Ethics in the Social Sciences and the Humanities (NESH), The National Research Ethics Committees of Norway
- 2022- Equality and Diversity Committee, NMBU
- 2022- Editorial Advisory Board, *Philosophical Psychology*, Taylor & Francis
- 2022-4 Language Committee (Språkutvalget), Chair: Vice Rector for Education, NMBU
- 2022- NMBU Education Prize Committee, NMBU
- 2021- Faculty Board, School of Economics and Business, NMBU
- 2020- Editorial Advisory Board, *Philosophy of Medicine Journal*, University of Pittsburgh Library System
- 2019-22 Academic Culture Building Project, NMBU
- 2018- Research and Research Education Committee, School of Economics and Business, NMBU
- 2017-21 The National Commission for the Investigation of Research Misconduct (Granskningsutvalget), The National Research Ethics Committees of Norway
- 2016-21 Faculty Board, Faculty of Landscape and Society, NMBU
- 2014-21 NMBU Research Ethics Committee
- 2014-5 Department Board, NMBU School of Economics and Business, NMBU
- 2014-5 Appointment Committee, NMBU School of Economics and Business, NMBU
- 2011- Instigator of the NMBU Philosophy Café and Chair of the organising committee, NMBU
- 2011- Instigator of the NMBU PhilSci Forum and Chair of the organising committee, NMBU

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- 2013 Appointment Committee for a Postdoc position at Centre for Practical Knowledge, University of Nordland
- 2011-3 Welfare Committee at NMBU School of Economics and Business, NMBU
- 2011 Expert member in Appointment Committee for 2 PhD positions in Philosophy at School of Economics and Business, NMBU
- 1997-9 Department Board, Department of Philosophy, University of Tromsø