

LEAH HENDERSON

CURRICULUM VITAE

University of Groningen
Faculty of Philosophy
Oude Boteringestraat 52
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The Netherlands

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CURRENT POSITION

University of Groningen, The Netherlands

Endowed Professor of Societal Trust, (Royal Holland Society of Sciences and Humanities), Faculty of Philosophy and Rudolf Agricola School, University of Groningen. July 2023 – present.

Associate Professor, University of Groningen. August 2017 – June 2023.

Academic Director of the Core Programme, University College Groningen. March 2016 – August 2018.

Assistant Professor, Faculty of Philosophy and University College Groningen. August 2015 – July 2017.

Rosalind Franklin Fellow, University of Groningen, August 2015 – present.

EDUCATION

Massachusetts Institute of Technology, United States

PhD in Philosophy.

9/2003 – 9/2010

Thesis title: 'Framework theories in Science'.

Committee: Robert Stalnaker (chair), Roger White, Agustín Rayo, Joshua Tenenbaum.

University of Oxford, United Kingdom

DPhil in Physics.

10/1997 – 12/2000

Thesis title: 'Quantum entanglement and classical information'.

Supervisors: Artur Ekert and Vlatko Vedral.

University of Auckland, New Zealand

Master of Science (MSc) in Physics. First class honours.

2/1995 – 2/1997

Thesis title: 'The physical embedding of genetic coding'.

Supervisor: Peter Wills.

Bachelor of Science (BSc) in physics and mathematics.

2/1991 – 11/1994

POSTDOCTORAL RESEARCH

University of Pittsburgh, United States

- Visiting Fellow, Center for Philosophy of Science, 1/2014 – 5/2014.
- Visiting Scholar, Center for Philosophy of Science, 9/2011 – 6/2012

Carnegie Mellon University, United States

- Fellow, Center for Formal Epistemology, 9/2014 – 6/2015 and 9/2012 – 6/2013.

University of Utrecht, The Netherlands

- Project on 'The maximum entropy principle and quantum entanglement', funded by FOM, the Foundation for Fundamental Research on Matter, Institute for History and Foundations of Mathematics and Natural Science, Utrecht, Netherlands. 3/2003 – 7/2003.

University of Bristol, United Kingdom

- Post-doctoral researcher in quantum information theory, 2001-2

OTHER RESEARCH EXPERIENCE

Massachusetts Institute of Technology, United States

- Research Assistant, Computational Cognitive Science group, Brain and Cognitive Sciences, MIT. Summer 2006.
- Research Assistant, Cognitive Machines group, Media Laboratory, MIT. Summer 2005.

AWARDS AND SCHOLARSHIPS

- Veni grant awarded by NWO (Dutch Science Foundation) for project entitled 'Weighing Evidence Reliably', value: 250,000 euros, 2016 – 2020.
- Visiting Fellowship, Center for Philosophy of Science, University of Pittsburgh, Spring 2014.
- Massachusetts Institute of Technology Presidential Fellowship, 2003 – 2008.
- Rhodes Scholarship, 1997 – 2000.

PUBLICATIONS

- Leah Henderson (in press) Belief polarization, *Blackwell Companion to Epistemology*, 3rd edn, ed. Kurt Sylvan.
- Leah Henderson (2023) Crossing Levels: Meta-induction and the Problem of Induction, discussion note, *Philosophy of Science*, 90 (4), pp. 985-993.
- Leah Henderson (2023) On the mutual exclusivity of competing hypotheses, to appear in *Conjunctive Explanations: New Essays on the Nature, Epistemology, and Psychology of Explanatory Multiplicity*, ed. Jonah Schupbach and David Glass, Routledge, Chap. 7, pp. 170-194.

- Leah Henderson (2022) Putting Inference to the Best Explanation into context, *Studies in History and Philosophy of Science* 94, pp. 167-176.
- Leah Henderson and Alexander Gebharter (2021) The role of source reliability in belief polarisation, *Synthese* 199, 10253-10276.
- Leah Henderson (2021) Higher-order evidence and losing one's conviction, *Noûs* 56(3), pp. 513-529.
- Leah Henderson (2019). 'Resolution of deep disagreement: not simply consensus', *Informal Logic* 40 (3), pp. 359-382.
- Leah Henderson (2018). 'Quantum reaxiomatisation and information-theoretic interpretations of quantum theory'. *Studies in the History and Philosophy of Modern Physics* 20, pp. 292-300.
- Leah Henderson (2018). 'Global vs. local arguments for realism', in *Routledge Handbook on Scientific Realism*, edited by Juha Saatsi, pp. 151-162.
- Leah Henderson (2018). 'The problem of induction', *Stanford Encyclopedia for Philosophy*, ed. Edward N. Zalta. Updated 2022.
- Leah Henderson (2017). 'Bayesianism and Inference to the Best Explanation: the case of individual vs group selection in biology'. In *Best explanations: new essays on Inference to the Best Explanation*, pp. 248-262, Oxford University Press, edited by Ted Poston and Kevin McCain.
- Leah Henderson, (2017). 'The No Miracles Argument and the Base Rate Fallacy', *Synthese* 194(4), pp. 1295-1302.
- Leah Henderson (2014). 'Can the second law of thermodynamics be compatible with time-reversal-invariant dynamics?' *Studies in History and Philosophy of Modern Physics* 47, pp. 90-98.
- Leah Henderson (2014). 'Bayesianism and Inference to the Best Explanation'. *British Journal for the Philosophy of Science* 65, pp. 687-715.
- Leah Henderson (2010). 'Bayesian updating and information gain in quantum measurement', in *Philosophy of Quantum Information and Entanglement*, ed. A. Bokulich and G. Jaeger, Cambridge University Press (2010).
- Leah Henderson, Noah D. Goodman, Joshua B. Tenenbaum & James F. Woodward (2010). 'The Structure and Dynamics of Scientific Theories: A Hierarchical Bayesian Perspective'. *Philosophy of Science* 77 (2), pp.172-200.
- Leah Henderson (2003). 'The Von Neumann Entropy: A Reply to Shenker'. *British Journal for the Philosophy of Science* 54 (2), pp. 291-296.
- Matthew S. Leifer, Leah Henderson and Noah Linden (2003). 'Optimal entanglement generation from quantum operations'. *Physical Review A - Atomic, Molecular, and Optical Physics*, 67 (1), pp. 012306/1-012306/7.
- Leah Henderson (2002). 'Measuring quantum entanglement', in T. Placek and J. Butterfield (ed.) *Non-locality and Modality* (Kluwer Academic Press, Dordrecht), pp. 137-152.
- Jacob A. Dunningham, Sougato Bose, Leah Henderson, Vlatko Vedral, and Keith Burnett (2002). 'Entanglement concentration in Bose-Einstein condensates'. *Physical Review A - Atomic, Molecular, and Optical Physics*, 65 (6 A), pp. 643021-643024.
- Leah Henderson, Noah Linden, and Sandu Popescu (2001). 'Are all noisy quantum states obtained from pure ones?' *Physical Review Letters*, 87 (23), art. no. 237901, pp. 2379011-2379013.
- Leah Henderson and Vlatko Vedral (2001). 'Classical, quantum and total correlations'. *Journal of Physics A: Mathematical and General*, 34 (35), pp. 6899-6905.

- Leah Henderson, Lucien Hardy, and Vlatko Vedral (2000). 'Two-state teleportation'. *Physical Review A - Atomic, Molecular, and Optical Physics*, 61 (6), pp. 1-8.
- Leah Henderson and Vlatko Vedral (2000). 'Information, Relative Entropy of Entanglement, and Irreversibility'. *Physical Review Letters*, 84 (10), pp. 2263-2266.
- Richard Cleve, Artur Ekert, Leah Henderson, Chiara Macchiavello and Michele Mosca 'On quantum algorithms'. *Complexity* 4, 33 (1998).

Book reviews and commentaries

- Leah Henderson (2023) The Instrument of Science: Scientific Anti-Realism Revitalised by Darrell Rowbottom: Reorienting the scientific realism debate, invited contribution to a book forum, *Studies in History and Philosophy of Science* 98, 202304, pp. 4-6.
- Leah Henderson (2017). An introduction to the scientific realism debate. Book review. *Metascience*, 26(2), pp. 219-222.

INVITED PRESENTATIONS

- 'Bayesian insights on polarisation and disagreement', opening keynote lecture for Center for Advanced Studies (CAS) Research Focus on Bayesian Methods in Science, Ludwig-Maximilians-Universität Munich (forthcoming, June 2025).
- 'Why an empiricist should be a scientific realist (and how)', 5th meeting of the History and Philosophy of Physics community (HPP-NL), Amsterdam (forthcoming, May 2025).
- 'Towards a general definition of trust', Institute for Philosophy, Leiden University (forthcoming, April 2025).
- 'Framing the climate crisis' as part of Discourses for Democracy (un)veiling threats in Sustainability Reimagined: The role of (visual) language in solving humanity's problems, Agricola School, Groningen, (October 2023).
- 'Facts and alternative facts: The role of trust in the Dutch nitrogen crisis' University of Waikato, New Zealand (July 2023).
- 'Crossing levels: meta-induction and the problem of induction', commentary in book symposium on Gerhard Schurz's *Hume's Problem Solved: the optimality of meta-induction*, 11th German Analytical Philosophy (GAP) conference, Berlin, Germany (September 2022).
- 'Justification by probabilities: what more do we need?', keynote at Philosophy of Science in a Forest conference, Leusden, The Netherlands (June 2022).
- 'Interpretation of probabilities in quantum theory: a place for game-theoretic probability?', invited online panel discussion in Seminar on Foundations of Probability, Rutgers University, organised by Glenn Shafer (March 2022).
- 'The role of source reliability in belief polarisation', in Symposium on The Rationality of Social Learning, Philosophy of Science Association 27th biennial meeting, Baltimore, USA (November 2021).
- Invited panelist for panel discussion on 'Philosophical aspects of physics - The relevance of philosophy for quantum physics and beyond'. Vienna Quantum Foundations Conference. Institute for Quantum Optics and Quantum Information (IQOQI-Vienna) of the Austrian Academy of Sciences (ÖAW). University of Vienna. (September 2021).
- 'Putting IBE in context', Pursuitworthiness in Scientific Inquiry online workshop (March, 2021).
- 'Pragmatism: a natural home for information-theoretic interpretations of quantum theory?', online at American Physical Society meeting (March 2021).

- Invited panelist for panel discussion, Munich Quantum Stammtisch, Munich Center for Quantum Science and Technology (March 2021).
- 'Emergent compatibilism for IBE and Bayesianism', invited talk for 'Bayesian Epistemology: Perspectives and Challenges', conducted online by Munich Centre for Mathematical Philosophy, (10-14 August, 2020).
- 'Hierarchical Bayesian modelling: theory', 'Hierarchical Bayesian modelling: applications', two lectures for Summer School 'Bayesian Epistemology: Perspectives and Challenges', conducted online by Munich Centre for Mathematical Philosophy, (10-14 August, 2020).
- Comments on Conor Mayo-Wilson's 'A qualitative generalisation of Birnbaum's theorem', 17th Formal Epistemology Workshop, Zoom Webinar (May 2020).
- 'IBE and Bayesianism: three contexts', Düsseldorf Center for Logic and Philosophy of Science (January 2020).
- 'IBE and Bayesianism in legal contexts', Workshop on Bayes and Inference to the Best Explanation in criminal law, North Sea Group on legal evidence and proof, Groningen, (November 2019).
- 'Information-theoretic interpretations of quantum theory', Munich Centre for Mathematical Philosophy (October 2019).
- 'IBE, Bayesianism and "non-competing explanations"', Conference on Scientific Explanations, competing and conjunctive, University of Utah, Salt Lake City. Keynote speaker. (June 2019)
- 'Unifying Occam's Razor', 6th Bayesian, Fiducial and Frequentist conference (BFF6), Duke University (April 2019).
- 'A road not travelled in pragmatist interpretation of quantum theory', Workshop on Subjectivist Interpretations of Quantum Probabilities, Ecole Normale Supérieure, Paris (March 2019).
- 'The conditions for belief polarisation', Tilburg Center for Logic and Philosophy of Science, Tilburg (November 2018).
- 'Norton at the boundaries of probability', Conference on Norton for Everyone. Center for Philosophy of Science, University of Pittsburgh (October 2018).
- 'Going local in the scientific realism debates', Stockholm University Department of Philosophy, (March 2018).
- 'Perrin's experiments on Brownian motion and 'local' arguments for scientific realism', Van Fraassen Festival, Utrecht (December 2017).
- 'Hierarchical Bayesian models as a perspective on empirical support', keynote speaker at conference on 'Formal Models of Scientific Inquiry', Bochum, Germany (July 2017).
- 'The direction of irreversible processes in thermodynamics', Workshop on 'Tatjana Afanassjewa and her legacy: new perspectives on irreversibility', Salzburg, Austria (June 2017).
- 'The unity of explanatory virtues', 5th Reasoning Club conference, Turin, Italy (May 2017).
- 'What to do with unreliable witnesses', Erasmus Institute for Philosophy and Economics, Rotterdam (May 2017).
- 'Non-locality in quantum mechanics', Guest lecture, Honours College, University of Ghent, Belgium (2016).
- 'Commentary on *Bananaworld: Quantum Mechanics for Primates*'. Workshop on Information Theoretic Interpretations of Quantum Mechanics, Rotman Institute and Western University, London, Ontario, Canada (2016).
- 'Rights and Wrongs of Best Systems', The MetaMetaphysical Club, Erasmus University, Rotterdam (2015).

- 'Bayesianism and Inference to the Best Explanation: the case of individual vs. group selection in biology', Orange Beach Epistemology Workshop (2015).
- 'Quantum Information Theory and the Quantum State', conference on 'Quantum Computation, Quantum Information and the Exact Sciences', Munich Center for Mathematical Philosophy, LMU, Munich, Germany (2015).
- 'Bayesianism and Inference to the Best Explanation', keynote speaker at 2nd conference on 'Inductive Logic and Confirmation in Science', Salt Lake City, Utah (2014).
- 'Reformulating quantum theory: is special relativity an example to follow?', Center for Philosophy of Science, University of Pittsburgh (2014).
- 'Can the second law be compatible with time reversal invariant dynamics?', conference on Irreversibility in axiomatic thermodynamics, University of Cambridge, UK (2013).
- 'Reformulating quantum theory: is special relativity an example to follow?', Relativity meets quantum theory workshop, London School of Economics, UK, (2013).
- 'Bayesianism and Inference to the Best Explanation', Tilburg Center for Logic, General Ethics and Philosophy of Science, University of Tilburg, The Netherlands (2013).
- Comments on Thomas Barrett's 'On the scope of the PBR theorem', Irvine-Pittsburgh-Princeton conference on the mathematical and conceptual foundations of physics, Pittsburgh (2013).
- 'The fair judge and the cruel realist', Center for Philosophy of Science, Pittsburgh (2011).
- 'No Miracles, No Fallacies', Department of Philosophy, University of Auckland (2010).
- 'Bayesian updating, quantum mixing and measurement', Boston Colloquium for the Philosophy of Science (2006).
- 'The second law and time-reversal symmetry', conference on New Directions in Foundations of Physics, Maryland (2004).
- 'Non-locality of quantum operations', Philosophy of Physics research seminar, University of Oxford (2002).
- 'Measuring quantum entanglement', international conference on Modality, Probability and Bell's Theorems, Cracow, Poland (2001).
- 'Quantum entanglement', Philosophy of Physics graduate discussion group, University of Oxford (2001).
- 'Optimal entanglement generation from quantum operations', Optics group, Imperial College London (2002), and Department of Mathematics, University of York (2002).
- 'Quantum entanglement', Theoretical Physics, University of Oxford (2001).
- 'Quantum computation', Artificial Intelligence Society, University of Oxford (1999).
- 'Two-state teleportation', Imperial College London (1999).

CONFERENCE PRESENTATIONS

Talks

- 'Putting Inference to the Best Explanation into context', 11th German Analytical Philosophy (GAP) conference, Berlin, Germany (September 2022).
- 'The role of source reliability in belief polarisation', Workshop on Formal Models of Deliberation and Polarisation, Free University Amsterdam (April 2021).

- 'What should happen to our beliefs when we disagree?', '3rd European Conference on Argumentation, University of Groningen (June 2019).
- 'Living in different worlds: trust in sources and belief polarisation', conference on Fake Knowledge, Cologne Center for Contemporary Epistemology and the Kantian Tradition, Cologne (June 2018).
- 'Living in different worlds: the paradigm dependence of trust', conference on 'Trust, Expert Opinion and Policy', University College Dublin (September 2017).
- 'What to do with unreliable witnesses', conference on 'From Reasonable Doubt to Undue Skepticism', London, UK (May 2017).
- 'Global vs. local approaches to the scientific realism debate', 4th annual conference of the OZSW (Dutch Research School of Philosophy), Groningen, The Netherlands (December 2016).
- 'Bringing virtues together', 8th Quadrennial International Fellows Conference, Lund, Sweden (2016).
- 'The No Miracles argument and the base rate fallacy', British Society for the Philosophy of Science Annual Conference, Cardiff, UK (2016).
- Comments on Bengt Autzen's 'A Popperian Doctrine on Probability Revisited', 13th annual Formal Epistemology Workshop, Groningen, The Netherlands (2016).
- 'Explanation, probability and scientific realism', Philosophy of Science in a Forest, Kaap Doorn, The Netherlands (2016).
- 'Should the debate over scientific realism go local?', 5th European Philosophy of Science Association Meeting, Duesseldorf, Germany (2015).
- 'Should the debate over scientific realism go local?', 24th Philosophy of Science Association Meeting, Chicago, USA (2014).
- 'No Miracles, No Fallacies', 22nd Philosophy of Science Association Meeting, Montreal, Canada (2010).
- Comments on Kevin Kelly's 'Simplicity and truth-conduciveness', 4th annual Formal Epistemology Workshop, Pittsburgh, USA (2007).
- 'Frameworks in science: a Bayesian approach', LSE-Pitt Conference: Confirmation, Induction and Science, London, UK (2007).
- 'Which side are the robots on?', International Conference on Computers and Philosophy, Laval, France (2006).
- 'Metaphysical assumptions in reliabilist theories of knowledge', annual conference on Philosophy of Science, Inter University Centre, Dubrovnik, Croatia (2002).
- 'Are all mixed states obtained from pure ones?', 1st Euresco conference on Quantum Information – Quantum Entanglement, San Feliu de Guixois, Spain (2002).
- 'Entanglement and classical information', 8th UK Foundations of Physics conference, London, UK (1999).
- 'Teleportation of dynamics', 4th international workshop on Mysteries, Puzzles and Paradoxes in Quantum Mechanics, Lake Garda, Italy (1998).
- 'The evolution of genetic coding', Santa Fe Institute Complex Systems Summer School, Santa Fe, New Mexico, US (1997).

Posters

- Modeling higher order evidence using imprecise probabilities', 11th International Symposium on Imprecise Probabilities: Theory and Applications (ISIPTA), Ghent, Belgium (July 2019).

- 'Entanglement concentration in Bose-Einstein condensates', international conference on Quantum Information: Conceptual Foundations, Developments and Perspectives, Oviedo, Spain (2002).
- 'Information, relative entropy of entanglement and irreversibility', 5th international conference on Quantum Communication, Measurement and Computing, Capri, Italy (2000).
- 'Two-state teleportation', Newton Institute workshop on Complexity, Computation and the Physics of Information, Cambridge, UK (1999).

OTHER ACADEMIC LECTURES

- "The real power of naturalism" - PCCP, Groningen, April 2023.
- 'The philosophy of climate science', Winter school for PPE on Climate change, Groningen, February 2020 and 2022.
- 'Dealing with uncertainty about science: scientific controversy and public trust', PPE Winter School on Uncertainty, Disagreement and Conflict, University of Groningen, (January 2018).
- 'Global vs. local approaches to the scientific realism debate', OZSW Winter School for Research Masters students, (February 2017).
- 'Reliability and evidence', OZSW (Dutch Research School of Philosophy) Masterclass on Social Epistemology, Groningen, The Netherlands, (December 2016).
- 'Bayesian and classical statistical techniques', Guest lecture in core programme course. Inferential Statistics, year 2, University College Groningen (May 2016).
- 'Hilbert's legacy', University College Groningen opening speech (September 2015).

ACADEMIC VISITS

- Fellowship at Center for Advanced Studies, Ludwig-Maximilians-Universität Munich (forthcoming June 23-27, 2025).

OUTREACH AND PUBLIC LECTURES

- Participant in Studium Generale debate on 'My truth is your truth?', Groningen (December 2023).
- Interview on Societal Trust for Degrees of Freedom podcast (November 2023).
- 'Trust and disinformation', European Researcher's Night, Groningen (September 2023).
- 'Why trust?' at opening of Agricola School, Groningen (June 2023).
- 'Effective public participation in the energy transition' at Symposium on 'Citizen Assemblies', Participation Center Groningen (May 2023).
- Interview with Trouw newspaper about climate skepticism (January 2020).
- 'Failure and discovery: two sides of a coin', Night of Philosophy, Groningen (April, 2019), together with Felipe Romero.
- 'Trust in experts', Felix en Sofie Philosophical Café, Amsterdam (January 2018).
- 'Scientific experts', Onderzoeksdag for high school students, organized by Scholierenacademie Groningen (April 2017).
- 'Experts from outside?' at Night of Philosophy, Groningen, The Netherlands (April 2017).

- 'Tools for thought: John Dewey and American pragmatism' at Night of Philosophy, Groningen, The Netherlands (April 2016).
- Member of Kenniscentrum filosofie, Faculty of Philosophy, University of Groningen (December 2015 -).
- Organised and taught two week-long residential physics courses for final year high school students. The Manor Charitable Trust, Oxfordshire (2000-2001).

TEACHING

University of Groningen

- Methods of PPE (Masters course). Semester 1b, 2021, 2022, 2023.
- Philosophy of Climate Science (Masters course). Semester 1b, 2018 2019, 2020, semester 2a 2022, 1b 2023.
- Philosophy of the Natural Sciences (3rd year bachelors), Faculty of Philosophy. Semester 1b, 2015-6, Semester 2a, 2018, 2019, 2020 and 2022.
- Philosophy of Science (2nd year bachelors). Semester 2b, 2018, 2019, 2020 and 2022.
- Reliability, uncertainty and trust: topics in contemporary epistemology (Masters course). Semester 1a, 2020.
- Honours College Philosophy of Science (2nd year bachelors). Semester 2a, 2018 and 2019.
- Core Issues Research (Masters course), The problem of induction, Faculty of Philosophy. Semester 2b, 2016 and Semester 1a, 2016.
- Reliability, uncertainty and trust (1st and 2nd year bachelors) Honours College and University College. Semester 1b, 2015-6.
- Individual supervision of BA and MA theses (2015 – present).

University of Pittsburgh

- Problem Solving: how science works. Dept. of History and Philosophy of Science, Summer 2014, Fall 2012
- Principles of Scientific Reasoning. Dept of History and Philosophy of Science, Fall 2013

Carnegie Mellon University

- Philosophy of Biology. Dept of Philosophy, Fall 2013, Spring 2012.

Massachusetts Institute of Technology

- Problems of Philosophy. Dept of Linguistics and Philosophy. Assistant to Stephen Yablo. Fall 2006.
- Thinking about Life (Philosophy of Biology). Dept of Linguistics and Philosophy. Assistant to Denis Walsh. Spring 2006.
- Minds and Machines. Dept of Linguistics and Philosophy. Assistant to Alex Byrne. Fall 2005.
- What is the best way to live? (Ethics). Dept of Linguistics and Philosophy. Assistant to Caspar Hare. Spring 2005.

Harvard University

- Philosophy of Physics. Dept of Philosophy. Assistant to Peter Koellner. Spring 2004.

University of Bristol

- Third year quantum mechanics. Dept of Mathematics. 2002.
- First year applied mathematics tutor. Dept of Mathematics. 2001-2

University of Oxford

- Second year kinetic theory and thermodynamics tutor. Merton College, 2000 and Exeter College, 1999.
- Second year optics tutor. Exeter College. 1999.

PHD STUDENTS SUPERVISED

- Isa Kooiman, PhD candidate at UCG/Faculty of Philosophy, University of Groningen, September 2023 – present.
- Vera Weissenbacher, PhD candidate in Social Psychology, Faculty of Behavioural and Social Sciences, University of Groningen, Jan 2023 – present.
- Laima Baldina, PhD candidate in Social Psychology, Faculty of Behavioural and Social Sciences, University of Groningen, March 2022 – present.
- Thijs Ringelberg, PhD candidate at Faculty of Philosophy, University of Groningen, January 2022 – present.
- Diego Castro, PhD candidate at Faculty of Philosophy, University of Groningen. April 2019 – June 2022.
- Joost Schreuder, 'Moral capacities and evidence from psychopathy', PhD candidate at Faculty of Philosophy, University of Groningen. November 2016 – October 2021.
- Max Bialek, 'Relative and objective, on balance: detailing the Best Systems account of laws', PhD candidate at Department of Philosophy, University of Maryland and Faculty of Philosophy, University of Groningen. September 2015 – June 2017.

PHD STUDENTS EXAMINED

- External examiner for Yu Jing, 'An ontology for physical necessity', Leiden University (December 2023).
- Opponent for Stefan Sleen, 'Understanding for a purpose', University of Groningen (March 2023).
- External examiner for Sven Aerts, 'The Observer: an Insider's Perspective. An inquiry into the foundations of quantum theory and observation', Erasmus University Rotterdam (November 2022).
- Opponent for Ymko Braaksma 'All thought exists for the sake of action!: de historische en filosofische relaties tussen R.G. Collingwood en het klassieke pragmatisme', University of Groningen (June 2022).
- Opponent for Petar Bodlovic 'Presumptions in argumentation', University of Groningen (February 2022).

- External examiner for Silvia Ivani, 'Values in science: the role of cognitive and non-cognitive values in evolutionary psychology', Tilburg University (May 2020).
- Opponent for Tom Sterkenburg. 'Universal Prediction: a philosophical investigation' University of Groningen (January 2018).
- Opponent for Patryk Dziurosz-Serafinowicz. 'The Double Life of Probability: A Philosophical Study of Chance and Credence', University of Groningen (January, 2017)
- Opponent for Ronnie Hermens, 'Philosophy of Quantum Probability', University of Groningen (January 2016).

ACADEMIC SERVICE

University of Groningen

- Democracy and Governance steering committee, Agricola School (2023 – present)
- PPE board, Faculty of Philosophy (2021 – present)
- Chair of Board of Admissions for Masters programmes, Faculty of Philosophy (2020 - 2024)
- Member Faculty Council, Faculty of Philosophy (2019 - 2023)
- Organiser of Theoretical Philosophy Colloquium Series (2019 – present)
- Member of Board of Education, University College Groningen (2015 –2018)
- Academic Director of the Core Programme, University College Groningen (2016 –2018)

As Academic Director, I was responsible for oversight of the whole 60 ECTS core programme, as well as development of its curriculum. My activities included curriculum design, development of assessment methods, staff training and directing a team of three coordinators for the programme.

Local committees

- BAC for PhD position in Vidi grant of Simon Friederich (July 2023)
- BAC for Theoretical Philosophy teaching positions (July 2021)
- Committee for selection of Faculty PhD positions (Oct. 2020)
- Committee for selection of Honours College Philosophy students (March 2020)
- BAC for Theoretical Philosophy assistant professor search (2019-20)
- BAC for ESPF assistant professor search (2018-9)
- Chair of BAC for Theoretical Philosophy postdoc (2018)

Conferences

- Programme committee for Philosophy of Science Association (PSA) conference in New Orleans, USA (2025).
- Programme committee for 7th Bayes, Fiducial and Frequentist Statistics (BFF) Conference, Toronto, (April 2022).
- Member of expert panel for SOPhiA Best Paper Award, Salzburg conference for Young Analytic Philosophy (2019).
- Programme committee for EPSA conference, Geneva (2019).
- Programme committee for FEW (2019), Turin, Italy.

- Programme committee for the 19th U.K. and European Meeting on the Foundations of Physics. University of Utrecht, The Netherlands, (2018).
- Organising committee for HOPOS (History of Philosophy of Science) conference, Groningen, The Netherlands, (2018).
- Programme committee for 14th annual Formal Epistemology Workshop, University of Washington, Seattle, USA (2017).
- Programme committee for conference on The Second Law of Thermodynamics, Munich Centre for Mathematical Philosophy, Germany (2017).
- Organising committee for OZSW (Dutch Research School of Philosophy) annual conference, Groningen, The Netherlands (2016).
- Organising committee for 13th annual Formal Epistemology workshop, Groningen, The Netherlands, (2016).
- Co-organiser of European Philosophy of Science Association Symposium: Local vs. Global Approaches to Realism (with Juha Saatsi), Duesseldorf, Germany (2015).
- Invited participant and chair of session at Workshop on Foundations of Statistical Mechanics, Oxford University, 2015.

Committees

- Board member 'Vereniging voor Logica en Wijsbegeerte der Exacte Wetenschappen' 2021 – 2023.
- Advisory board member for NSF grant proposal of Michel Janssen and David Russell 2020.
- Panel member for Dutch Organisation for Scientific Research (NWO) Veni grants 2019, 2024.
- External reviewer for philosophy of science senior lecturership, Stockholm University, 2020.

Refereeing

Journals

- *American Philosophical Quarterly, Australasian Journal of Philosophy, British Journal for Philosophy of Science, Ergo, Erkenntnis, European Journal for Philosophy of Science, International Studies in the Philosophy of Science, Journal of Applied Logic, Journal of Philosophy, Journal for General Philosophy of Science, Mind, Minds and Machines, Philosophical Quarterly, Philosophical Studies, Philosophy of Science, Psychological Review, Review of Symbolic Logic, Synthese, Studies in the History and Philosophy of Modern Physics, Studies in History and Philosophy of Science.*
- Reviewer for *Physical Review A* and *Physical Review Letters* 2000-2003.

Book reviewing

- Book manuscripts for Cambridge University Press

Grant reviewing

- Austrian Science Fund

- Swiss National Science Foundation
- Fond de la Recherche (FNRS), Belgium
- National Science Center (NCN), Poland
- National Science Foundation (NSF), USA

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- American Philosophical Association.
- Philosophy of Science Association.
- European Philosophy of Science Association.
- German Society for Analytic Philosophy.