CV – Donal Khosrowi

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Expertise

AOS: Philosophy of Social Science / Economics, Philosophy of Machine Learning and Artificial Intelligence, Values in Science

AOC: General Philosophy of Science, Epistemology, Econometrics

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Employment

10/2019 – present	**Postdoctoral Researcher** (Chair Prof Mathias Frisch), Leibniz University Hannover

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Education

10/2015 – 10/2019	**PhD**, Durham University, Durham, UK
	Thesis: 'Extrapolating Policy Effects – Hopes, Assumptions and The Extrapolator's Bind'
	Supervisors: Prof Nancy Cartwright, Prof Wendy Parker, Prof Julian Reiss
	Examiners: Dr Robert Northcott (external), Dr Katherine Puddifoot (internal)
10/2012 – 10/2015	**MA Philosophy and Economics**, University of Bayreuth
10/2008 – 10/2012	**BA Philosophy and Economics**, University of Bayreuth

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Publications

Forthcoming	with Finola Finn (LUH) and Elinor Clark (LUH): **"Diffusing the Creator: Attributing Credit for Generative AI Outputs"**, *AIES '23: Proceedings of the 2023 AAAI/ACM Conference on AI, Ethics, and Society*. ACM, New York, NY, USA
2023	**"Managing Performative Models"**, *Philosophy of the Social Sciences* https://doi.org/10.1177/0048393123117245
	"Extrapolating from Experiments, Confidently", *European Journal for Philosophy of Science*, 13:18. https://doi.org/10.1007/s13194-023-00520-1
2022	with Elinor Clark (LUH): **"Decentring the discoverer: how AI helps us rethink scientific discovery"**. *Synthese* 200, 463. https://doi.org/10.1007/s11229-022-03902-9
	"Evidence-Based Policy" (invited chapter for *The Routledge Handbook of the Philosophy of Economics*, eds. Julian Reiss and Conrad Heilmann, Routledge)
2021	**"What's (successful) Extrapolation?"**, *Journal of Economic Methodology*, 29(2): 140-152. https://doi.org/10.1080/1350178X.2021.1952290
	"When Experiments Need Models", *Philosophy of the Social Sciences*, 51(4): 400-424. https://doi.org/10.1177/00483931211008542
	with Philippe van Basshuysen (LUH), Lucie White (LUH), Mathias Frisch (LUH): **"Three Ways in Which Pandemic Models May Perform a Pandemic"**, *Erasmus Journal of Philosophy and Economics*, 14(1).

2020	**"Getting Serious about Shared Features"** *The British Journal for the Philosophy of Science, 71(2): 532-46.* https://doi.org/10.1093/bjps/axy029
	w/ Julian Reiss (Linz): **"Evidence-Based Policy: The Tension between the Epistemic and the Normative"**, *Critical Review,* 31(2):179-197. https://doi.org/10-1080/08913811.2019.1688520
2019	**"Trade-offs Between Epistemic and Moral Values in Evidence-Based Policy"** *Economics & Philosophy,* 35(1), 49-78. https://doi.org/10.1017/S0266267118000159
	"Extrapolation in Econometrics – Hopes, Assumptions, and the Extrapolator's Circle" *The Journal of Economic Methodology,* 28(1), 45-58. https://doi.org/10.1080/1350178X.2018.1561078
In progress	**"Making a Murderer – How algorithmic risk assessment tools may produce rather than predict criminal behavior"** (w/ Philippe van Basshuysen)
	"Can generative AI produce historical evidence?" (w/ Finola Finn and Elinor Clark)
	"When Mechanisms Sleep"
	"Evidential Pluralism as an Attitude"
	"No (Value-)Free Lunch: How Values Matter for Methodology"

Talks

Upcoming	**"Making a Murderer – How algorithmic risk assessment tools may produce rather than predict criminal behavior"**, EPSA 2023, Belgrade, 20-23 September.
	"Diffusing the Creator: Attributing Credit for Generative AI Outputs", *AIES '23: 2023 AAAI/ACM Conference on AI, Ethics, and Society*, Montréal, 8-10 August.
	"Can generative AI produce synthetic evidence?", LICPOS 2023, 4th International conference on philosophy of Science, Lisbon 12-15 July 2023.
	"Decentring the discoverer: how AI helps us rethink scientific discovery", LICPOS 2023, 4th International conference on philosophy of Science, Lisbon 12-15 July 2023.
	"Diffusing the Creator: Attributing Credit for Generative AI Outputs", IACAP 2023 Prague, 3-5 July.
	(invited) **"Producing and Using Evidence for Policy, Responsibly"**, Epistemic standards of due care in EBP workshop, 28-29 June, ZiF, Bielefeld University.
2023	**"Extrapolating from Experiments, Confidently"**, INEM 2023, Venice, 24-26 May.
	(invited) **"Decentring the Discoverer and Creator"**, Minnesota Center for Philosophy of Science (MCPS) International Postdoc Forum (online), 8 February.
2022	**"External Validity as an Achievement"**, PSA 2022, Pittsburgh, 10-13 November.
	"Generalization in Machine Learning: A Plea for Better Theory", PhilML2022: Philosophy of Science Meets Machine Learning, Tübingen, 20-22 October.
	"Managing Performative Models", ENPOSS 2022, Málaga, 21-23 September.
	"Extrapolation - Where is Our Theory of Confidence?", GWP2022, Berlin, 16 September.
	"Managing Performative Models", SPSP 2022, Ghent, 3 July.
	"Managing Performative Models", 12th Braga Meetings on Ethics and Political

Philosophy (in person), Braga, 27 June.

(invited) **"Managing Performative Models"**, ISEC Colloquium Universität Witten/Herdecke, 8 February.

"No (Value-)Free Lunch: How Moral Values Matter for Methodology", American Economic Association / ASSA 2022 (hybrid conference), 7 January.

2021   **"Managing Performative Models",** INEM 2021 (hybrid), November 12.

(invited) **"Towards Democratic Evidence"** (poster talk) PPE conference 2021 "Democracy Between Order and Chaos", Witten/Herdecke University, 17-19 September.

"Extrapolation – Where is Our Theory of Confidence?", EPSA 2021 (hybrid conference), Turin, 15-18 September 2021

"When Experiments need Models", DGPhil 2021 XXV. Kongress der Deutschen Gesellschaft für Philosophie, Nuremberg, Germany, 5-9 September 2021

"Extrapolation – Where is Our Theory of Confidence?", BSPS 2021 (online conference), 6-9 July 2021

2020   **"Experiments need Models"**, ENPOSS 2020 (virtual conference), Toulouse, 14-18 September 2020

"Ampliative Evidence Integration - The Case of Evidence-Based Policy", Evidential Pluralism and the Social Sciences (virtual conference), Kent, 16-17 July 2020

"When Mechanisms Sleep", Philosophy of Social Science Roundtable 2020, Emory University, 12-15 March 2020

2019   **"When Mechanisms Sleep"**, Dept. Seminar, Leibniz University Hannover, 17 Dec 2019

"When Mechanisms Sleep", Irish Philosophical Society Annual Conference, Cork 6-8 Dec 2019

"What's (successful) extrapolation?", Symposium on "Methodology of extrapolation and external validity: theoretical and practical appraisals in economics" w/ Judith Favereau, Maria Jiminez-Buedo, Michiru Nagatsu, Luis Mireles-Flores, Federica Russo, Sofia Blanco Sequeiros, INEM 2019, Helsinki, Finland, 19-21 August 2019

"What's (successful) extrapolation?", BSPS2019, Durham University, July 17-19 2019

"Idle Causes, Idle Inferences", Economic Behaviours: Models, Measurements, and Policies, Lake Como School of Advanced Studies, June 30- July 5, 2019

2018   **"Evidence-Based Policy and Its Hidden Costs of Justice"** (w/Julian Reiss, Durham) PSA2018, Biennal Meeting of the Philosophy of Science Association, Seattle, Washington, 1-4 November 2018

Symposium: "External Validity: What is it and how do we get it?" with Maria Jiminez-Buedo, Michiru Nagatsu, and Federica Russo, SPSP 2018, Ghent, Belgium, 29 June – 2 July 2018

"Getting Serious about Shared Features", Models and Simulations 8, University of South Carolina, Columbia, SC, USA, 15-17 March 2018

2017   **"A Challenge for Value-Freedom and –Neutrality in Evidence-Based Policy"**, DGPhil 2017 XXIV. Kongress der Deutschen Gesellschaft für Philosophie, Berlin, Germany, 24-27 September 2017

"Getting Serious about Shared Features", EPSA17, Exeter, UK, 6-9 September 2017

"Putting Rigor Back into Pragmatic trials" (w/Sarah Wieten, Durham), EPSA17, Exeter, UK, 6-9 September 2017

"Extrapolation of Causal Effects – Hopes, Assumptions and the Extrapolator's Circle", INEM 2017, San Sebastián, Spain, 28-30 August 2017

"Value-Freedom and –Neutrality in Evidence-Based Policy", YSI Young Scholars Initiative Workshop, San Sebastián, Spain, 27 August 2017

"Putting Rigor back into Pragmatic Trials" (w/Sarah Wieten, Durham), NNPS Fifth Annual Meeting of the Nordic Network for Philosophy of Science, Copenhagen, Denmark, 20-21 April 2017

2016   **"Trade-offs Between Epistemic and Moral Values in Evidence-Based Policy"**, PSA2016, Biennal Meeting of the Philosophy of Science Association, Atlanta, Georgia, 3-5 November 2016

"Trade-offs Between Epistemic and Moral Values in Evidence-Based Policy", 5th René Descartes Lectures 2016, Workshop: "Science, Values and Democracy", Tilburg, The Netherlands, 5-7 September 2016

"Getting Serious about Shared Features", BSPS British Society for Philosophy of Science Annual Conference, Cardiff, UK, 6-9 June 2016

"Scientific and Moral Value Entanglement as a Challenge to Evidence-Based Policy", Values in Medicine Science and Technology 6, UT Dallas, Dallas, Texas, 19-23 May 2016.

Teaching

2023 Summer	**Creating and Discovering with AI** (BA, MA, Leibniz University Hannover)
2022 Winter	**Philosophy and Ethics of Technology** (MA, Leibniz University Hannover)
	Philosophy and Public Policy (MA, Leibniz University Hannover)
2022 Summer	**Advanced Topics in the Philosophy of Artificial Intelligence** (MA, Leibniz University Hannover)
	Contemporary Issues in Philosophy of Science (w/ Tanja Rechnitzer, MA, Leibniz University Hannover)
	Introduction to Epistemology (in German, BA, Leibniz University Hannover)
2021 Winter	**Philosophical Writing** (MA, Leibniz University Hannover)
	Evidence-Based Policy (MA, Leibniz University Hannover)
2021 Summer	**Models, Simulations, and Experiments** (MA, Leibniz University Hannover)
	Advanced Topics in the Philosophy of AI (MA, Leibniz University Hannover)
2020 Winter	**Philosophical Writing** (MA, Leibniz University Hannover)
2020 Summer	**Causation** (MA, Leibniz University Hannover)
	Philosophy of Economics (MA, Leibniz University Hannover)
2019 Winter	**Philosophy of Artificial Intelligence** (in German, BA, Leibniz University Hannover)
	Introduction to Philosophy of Science (Leibniz University Hannover)
2017 Winter	**Capitalism, Socialism, and Democracy** (Single lecture, Durham University)
	Values in Science (University of Bayreuth, w/Erin Nash, Sydney)
2017 Summer	**Philosophy of Economics** (University of Bayreuth)
2016 Winter	**Does Capitalism Promote or Prevent Democracy?** (Single lecture, Durham University)
	Evidence-Based Policy (University of Bayreuth, w/Tobias Grohmann, Groningen)
2016 Summer	**Evidence-Based Policy** (University of Bayreuth, w/Tobias Grohmann, Groningen)

2015 Winter	**Foundational Issues in Philosophy of Economics** (University of Bayreuth)
2015 Summer	**Foundational Issues in Philosophy of Economics** (University of Bayreuth)
	Philosophical Writing (University of Bayreuth)
2014 Winter	**Advanced Philosophical Writing** (University of Bayreuth)
2014 Summer	**Philosophical Writing** (University of Bayreuth)
2013 Winter	**Advanced Philosophical Writing** (University of Bayreuth)
2013 Summer	**Philosophical Writing** (University of Bayreuth)

Grants / Awards

2022	**Flexible Funds grant** (Ministry for Science and Culture Lower Saxony) for project "Machine Discovery and Creation" (MDAC), March-August 2023 [€ 50,000]
2021	**PPE Young Scholars Award for Social and Institutional Change** (Institute for Social and Institutional Change [ISIC], Witten/Herdecke University) [€ 1,000]
2020	**DFG grant for international scientific events** (Science in Society Conference LUH – postponed to 2022), co-applicants: M. Frisch (LUH), L. White (LUH) [€ 20,000]
2019	**Durham University Faculty of Arts and Humanities - "Celebrating Student Achievement Award – Best Academic Performance"**
	YSI Young Scholar's Initiative travel support grant (for INEM 2019)
2018 – 2019	**Royal Institute of Philosophy Jacobsen Studentship** [GBP 8,000]
2015 – 2018	**Durham Doctoral Scholarship** (fee waiver)
	AHRC Northern Bridge Studentship (maintenance and research support grant)
2018	**St Cuthbert's Society Postgraduate Research Grant** (for PSA 2018)
	St Cuthbert's Society Postgraduate Prize
	PSA Graduate Student Travel Support Grant (for PSA 2018)
	AHRC Northern Bridge Research Training Support Grant (for SPSP2018)
	Models and Simulations 8 Graduate student support grant (for MS8)
	AHRC Northern Bridge Research Training Support Grant (for MS8)
2017	**St Cuthbert's Society Postgraduate Research Grant** (for DGPhil 2017)
	YSI Young Scholar's Initiative travel support grant (for INEM 2017)
	AHRC Northern Bridge Research Training Support Grant (for INEM 2017)
	AHRC Northern Bridge Research Training Support Grant (for EPSA 2017)
	NNPS Graduate Student Travel Support Grant (for NNPS 2017)
2016	**PSA Graduate Student Travel Support Grant** (for PSA 2016)
	AHRC Northern Bridge Research Training Support Grant (for BSPS 2016)

Organization of Workshops and Conferences

Upcoming	**Machine Discovery and Creation** (LUH, est. 15 speakers, 50 participants)
2023	**Philosophy of ML/AI Workshop** (LUH, 15 speakers, 15 participants)
2022	**LUH Institute of Philosophy 12th anniversary conference "Science and Society"** (LUH, 10 speakers, 150 participants)

Services to the Profession

Reviewer for:
The British Journal for the Philosophy of Science; Synthese; European Journal for Philosophy of Science; Erkenntnis; Theoria; Journal of Economic Methodology

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References

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Prof Nancy Cartwright (*PhD supervisor)*
Department of Philosophy, Durham University, UK
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Prof Julian Reiss (*PhD supervisor)*
Institute for Philosophy and Theory of Science, Johannes Kepler University Linz, Austria
julian.reiss@jku.at

Dr Roberto Fumagalli (*BA & MA supervisor, academic advisor*)
Department of Political Economy, King's College London, UK
roberto.fumagalli@kcl.ac.uk