

Joel Katzav

Address: School of Historical and Philosophical Inquiry
University of Queensland (UQ)

Position: Senior Lecturer

Contact: ujkatz@uq.edu.au.

Main research: (i) Philosophy of science (general philosophy of science; epistemology of climate models; foundations of climate science; laws of nature; non-causal scientific explanation; ontology of physics; non-epistemic values in science; possibility theory and deep uncertainty).

(ii) Metaphysics (existence; laws of nature; ontology of physics; methodology, esp. in relation to science)

(iii) The history of anglophone twentieth-century philosophy (speculative philosophy; analytic philosophy; anglophone women philosophers working in metaphysics, the philosophy of mind, the philosophy of language and the philosophy of science).

Other research: AI/Argumentation (modelling natural language argumentation)
The philosophy of language (use theories of meaning)
Epistemology (internalism and externalism about justification)

Areas of competence: Some of the history of philosophy (Greek and Hellenistic philosophy; Maimonides; Nāgārjuna; early modern philosophy; Kant; Hegel; absolute idealism, classical pragmatism)
Logic

Employment history:

1/17-Present Senior Lecturer (University of Queensland, School of Historical and Philosophical Inquiry)

9/08-12/16 Assistant Professor (Eindhoven University of Technology, Dept. of Philosophy and Ethics)

9/06-8/08 Lecturer (University of Leeds, HPS section)

10/04-8/06 Lecturer (Somerville College, Oxford)

10/03-9/04 Lecturer (University of Reading, Dept. of Philosophy)

4/02-9/03 Research Fellow (University of Dundee, Dept. of Applied Computing)

8/00-7/01 Visiting Assistant Professor (University of Arkansas, Dept. of Philosophy)

1/99-7/00 Translator (freelance) and software engineer (Griffin-Brown Publishing)

Work in progress: Rethinking the logic of epistemic possibilities [article]

Knowledge, mind and reality: an introduction by early twentieth-century American, women philosophers [book project with Krist Vaesen and Dorothy Rogers].

Work under review: Epistemic possibilities: lessons from some recent climate science research.

The value-free ideal and the argument from inductive risk.

Published work:

Edited work:

de Laguna, T. (2019) 'A Nominalistic Interpretation of Truth', edited by J. Katzav, *British Journal for the History of Philosophy*. doi:10.1080/09608788.2019.1574107.

Katzav, J. and Parker, W. S. eds. (2015) Assessing climate models: Knowledge, Values and Policy, *European Journal for the Philosophy of Science*, 5(2).

Articles:

Katzav, J. (forthcoming) "Grace de Laguna's analytic and speculative philosophy," *Australasian Philosophical Review*.

Katzav, J. (forthcoming) "The de Lagunas' *Dogmatism and Evolution*, overcoming modern philosophy and making post-Quinean analytic philosophy." In Eric Schliesser (ed.), *Neglected Classics of Philosophy II*. Oxford: Oxford University Press.

Vaesen, K. and Katzav, J. (2019) "The National Science Foundation and philosophy of science's withdrawal from social concerns, *Studies in History and Philosophy of Science*, doi.org/10.1016/j.shpsa.2019.01.001. [Katzav 40%, Vaesen 60%]

Katzav, J. (2019) "Theodore de Laguna's discovery of the deflationary theory of truth", *British Journal for the History of Philosophy*, doi.org/10.1016/j.shpsa.2019.01.001.

Katzav, J. (2018) "Analytic philosophy, 1925-1969: emergence, management and nature", *British Journal for the History of Philosophy*, doi.org/10.1080/09608788.2018.1450219.

Katzav, J. and Parker, W. (2018) "Issues in the theoretical foundations of climate science", *Studies in History and Philosophy of Modern Physics*, doi:10.1016/j.shpsb.2018.02.001. [Katzav 70%, Parker 30%]

Vaesen, K. and Katzav, J. (2017) "How much would each researcher receive if competitive government research funding were distributed equally among researchers?" *PLOS ONE*, 12(9), pp. 1-11. [Vaesen 70%, Katzav 30%]

Katzav, J. and Vaesen, K. (2017) "Pluralism and peer review in philosophy", *Philosophers' Imprint*, 17(19), 1-20. [Katzav 70%, Vaesen 30%]

Katzav, J. and Vaesen, K. (2017) "On the emergence of American analytic philosophy", *British Journal for the History of Philosophy*, doi.org/10.1080/09608788.2016.1261794. [Katzav 90%, Vaesen 10%]

von der Heydt A. S., Dijkstra H. A., van de Wal R. S. W., Caballero R., Crucifix M., Foster G. L., Huber M., Kohler P., Rohling E., Valdes P. J., Ashwin P., Bathiany S., Berends T., van Bree L. G. J., Ditlevsen P., Ghil M., Haywood A., Katzav J., Lohmann G., Lohmann J., Lucarini V., Marzocchi A., Palike H., Ruvalcaba Baroni I., Simon D., Sluijs A., Stap L. B., Tantet A., Viebahn J., Ziegler M. (2016) "Lessons on climate sensitivity from past climate changes", *Current Climate Change Reports*, doi:10.1007/s40641-016-0049-3.

Katzav, J. and Parker, W. S. (2015) "The future of climate modeling", *Climatic Change*, 132, 475-487. [Katzav 60%, Parker 40%].

Katzav, J. (2015) Introduction to Assessing climate models: Knowledge, Values and Policy, *European Journal for Philosophy of Science*, 5(2), pp. 141-148. (with W. S. Parker).

Katzav, J. (2014) "The epistemology of climate models and some of its implications for climate science and the philosophy of science", *Studies in History and Philosophy of Modern Physics*, 46(B), pp. 228-238.

Katzav, J. (2013) "Severe testing of climate change hypotheses", *Studies in History and Philosophy of Modern Physics*, 44(4), pp. 433-441.

Katzav, J. (2013) "Dispositions, causes, persistence as is, and general relativity", *International Studies in the Philosophy of Science*, 27(1), pp. 41-57.

Katzav, J. (2012) "Hybrid models, climate models and inference to the best explanation", *British Journal for the Philosophy of Science*, April 28, doi:10.1093/bjps/axs002.

Katzav, J., H. Dijkstra and A. T. J. de Laat (2012) "Assessing climate model projections: State of the art and philosophical reflections", *Studies in History and Philosophy of Modern Physics*, 43(4), pp. 258-276. [Katzav is the primary author].

Katzav, J. (2011) "Should we assess climate model predictions in light of severe tests?" *Eos, Transactions, American Geophysical Union*, 92(23), p. 195 (and supplement). [Refereed geosciences publication. Readership: 50,000+].

Katzav, J. (2008) "The Second-Order Property View of Existence", *Pacific Philosophical Quarterly*, Vol. 89, No. 4, pp. 486-496.

Katzav, J. and Reed, C. (2008) "Modelling Argument Recognition and Reconstruction," *Journal of Pragmatics*, 40(1), pp. 155-172.

[Katzav is the primary author]

Katzav, J. (2005) "On What Powers Cannot Do," *Dialectica*, 59(3), pp. 331-345.

Katzav, J. (2005) "Ellis on the Limitations of Dispositionalism," *Analysis*, 65(1), pp. 292-294.

Katzav, J. (2004) "Dispositions and the Principle of Least Action," *Analysis*, 64(3), pp. 206-214.

Katzav, J. (2004) "Horwich on Meaning and Use," *Ratio*, XVII, pp. 159-175.

Katzav, J. and Reed, C. (2004) "On Argumentation Schemes and the Natural Classification of Arguments," *Argumentation*, 18(2), pp. 239-259.

[Katzav is the primary author]

Katzav, J., Reed, C. and Rowe, G. (2004) "Argument Research Corpus" in *Proceedings of Practical Applications in Language Corpora 2003: Language, Corpora, E-Learning*, ed. Barbara Lewandowska-Tomaszczyk (Frankfurt A. Main, Peter Lang).

Katzav, J. (2002) "Identity, Nature and Ground," *Philosophical Topics*, Vol. 30(1), pp. 167-87.

Katzav, J. (2002) "Humean Metaphysics," *The Southern Journal of Philosophy*, Vol. 40(1), pp. 59-73.

Katzav, J. (1998) "Riggs on Strong Justification," *Australasian Journal of Philosophy*, pp. 631-639.

Technical reports:

Katzav, J. and Reed, C. (2004) "A classification system for arguments". In Department of Applied Computing, University of Dundee Technical Report.

Rowe, G. W. A., Reed, C. A. and Katzav, J. (2003) "Araucaria: Marking up argument". In Working Notes of the European Conference on Computing and Philosophy 2003, Glasgow.

Reviews:

Review of C. Dilworth, *The Metaphysics of Science*, *Annals of Science*, 97

Review of D. H. Mellor, *The Facts of Causation*, *International Journal of Philosophical Studies*, Sept. 96.

Review of C. J. Misak, *Verificationism*, *International Studies in the Philosophy of Science*, Oct. 96.

Conferences, symposia and workshops organised:

4/20

Revolutionary women philosophers 1880-1940 (Symposium accepted for the cancelled *BSHP* annual conference in Durham. This was to be organised with Emily Thomas and Frederique Janssen-Lauret).

- 11/18 Issues in the theoretical foundations of climate science: scientific and philosophical perspectives (Workshop organised with Joseph Berkovitz and Steve Easterbrook, Victoria College, University of Toronto).
- 10-11/13 The roles of climate models (Workshop at TU/e organised with Wendy Parker).

Talks and conference papers given:

- 10/20 Epistemic possibilities and scientific models: lessons from some recent climate science research (Invited paper, Quality of climate information for adaptation online workshop, University of Leeds)
- 12/19 On the overcoming of modern philosophy and the making of post-Quinean analytic philosophy (Invited talk, Philosophy Department, Ben Gurion University of the Negev)
- 12/19 Issues in the Theoretical Foundations of Climate Science (Invited talk, Edelstein Centre, Hebrew University).
- 11/19 Grace and Theodore de Laguna's *Dogmatism and Evolution* (Australasian Society for Continental Philosophy).
- 07/19 Grace and Theodore de Laguna's *Dogmatism and Evolution* (Or Four Dogmas of Empiricism and Rationalism) (Australasian Association of Philosophy Conference, University of Wollongong).
- 05/19 Issues on the Theoretical Foundations of Climate Science (*Epistemic and Personal Transformation Workshop*, University of Queensland).
- 04/19 Grace and Theodore de Laguna's *Dogmatism and Evolution* (Or Four Dogmas of Empiricism and Rationalism) (*British Society for the History of Philosophy Conference*, King's College London).
- 04/19 Grace and Theodore de Laguna's *Dogmatism and Evolution* (Or Four Dogmas of Empiricism and Rationalism) (Departmental talk, Eindhoven University of Technology).
- 11/18 Issues in the Theoretical Foundations of Climate Science (The Theoretical Foundations of Climate Science workshop, University of Toronto).
- 09/18 Against excellence-driven research (Invited talk, Liberal Arts in the 21st Century, Symposium, Customs House, Brisbane)
- 07/18 Issues in the Theoretical Foundations of Climate Science (Australasian Association of Philosophy Conference, Victoria University, NZ).
- 04/18 A more egalitarian future (Invited talk on the Future of Funding debate, University of Groningen. Given by Krist Vaesen).

- 12/17 The National Science Foundation and philosophy of science's withdrawal from social concerns (invited talk, given by K. Vaesen, Funding Bodies in Late Modern Science conference, University of Utrecht).
- 11/17 Bias in peer review and the emergence of analytic philosophy (New Zealand Association of Philosophy conference).
- 10/17 Ideological Biases and their Effects on the Course of 20th-Century Anglo-American Philosophy (Invited speaker, with Krist Vaesen, Tilburg University, History of Analytic Philosophy Workshop)
- 7/17 Bias in peer review and the emergence of analytic philosophy (Australasian Association of Philosophy conference).
- 5/17 Ideological Biases and their Effects on the Course of 20th-Century Anglo-American Philosophy (Invited talk (with K. Vaesen) at Implicit Bias and Metaphilosophy workshop, KU Leuven).
- 9/16 Why distributing funds among all qualified researchers might still be the best we can do (Faculty of Social Sciences, University of Antwerp)
- 3/15 The epistemology of climate models (Tilburg Center for Logic, General Ethics and Philosophy of Science)
- 10/14 The epistemology of climate models (Institute for Marine and Atmospheric Research, Utrecht University)
- 5/14 The epistemology of climate models (Models and Simulations 6, Notre Dame University)
- 11/13 Plausibly, analytic philosophy is charlatanry (Invited talk, MetaMetaphysical Club, Erasmus University Rotterdam)
- 9/13 Cassirer on philosophical methodology (Invited talk, 2nd Conference on Later German Philosophy, University of Kent)
- 6/13 Climate models: adequate-for-purpose or what? (The Society for Philosophy of Science in Practice (SPSP) Fourth Biennial Conference, University of Toronto)
- 11/12 Severe testing and climate model theoretical implications (Philosophy Department Seminar, Delft University of Technology)
- 6/12 Climate Models and Severe Testing Epistemology (Models and Simulations 5, Helsinki)
- 6/12 Thompson's 'The Hawkmoth Effect' (Invited comment, the Ontology of Climate Models, Cabot Institute, Bristol University)
- 4/12 Marcel Bauman's 'A methodology for an inexact science' (Invited comment, Erasmus University Rotterdam).

- 10/11 Luca Mari's 'The error and uncertainty approaches in metrology' (Invited comment, Error in the Sciences, Lorentz Center)
- 10/11 Climate change: is it our fault? (Invited talk, Energy Futures Workshop, Uppsala University)
- 10/11 Hybrid models, climate models and IBE (EPSA 2011, Athens)
- 7/11 Hybrid models, climate models and IBE (CLMPS 2011, Nancy)
- 6/11 Climate change: is it our fault? (Annual ECIS Research Conference, Vught)
- 6/11 Difficulties in constructing and assessing models: a philosophy of science perspective (Invited talk. What can we do with scientific models? The Royal Dutch Academy of Science and Arts (KNAW))
- 3/11 Hybrid models, climate models and IBE (Delft University of Technology)
- 3/11 Hybrid models, climate models and IBE (All Models are Wrong, University of Groningen)
- 12/10 The reality of climate models (Italian Society for the Logic and Philosophy of Science International Conference, Bergamo)
- 5/10 The reality of climate models (Fifth Flemish-Dutch Conference on the General Philosophy of Science)
- 11/08 Towards a new model of practical reasoning (TU/e – Delft Conference)
- 02/08 Conservation principles (HPS Informal Seminar, University of Leeds)
- 06/07 'Exists' and 'Existence' (Dept. of Philosophy, Ben-Gurion University of the Negev)
- 10/06 Now is when things become (HPS Senior Seminar, University of Leeds)
- 05/05 McGinn on Existence (Oxford, Oriel College Discussion Group)
- 04/04 Dispositionalism and the principle of least action (Invited talk, Metaphysics in Science Workshop, University of Reading)
- 04/03 Argumentation Research Corpus (Practical Applications in Language Corpora Conference 2003, University of Lodz)
- 03/03 Modelling Arguments (European Computing and Philosophy Conference 2003, University of Glasgow)
- 01/03 On What Powers Cannot Do (Dept. Philosophy, University of Dundee)
- 03/01 Humean Metaphysics (Dept. Philosophy, University of Missouri)

02/01

Humean Metaphysics (Dept. Philosophy, University of Memphis)

Blogging:

2020:

[Susan Stebbing's critique of Marie Collins Swabey's Logic and Nature](#) (Digressions and Impressions)

[Marie Collins Swabey's critique of naturalism](#) (Digressions and Impressions)

[Helen Huss Parkhurst on meaning atomism, unrestricted composition, concrete modal realism and philosophical imagination](#) (Digressions and Impressions)

[Women philosophers in the Philosophical Review \(1900-1970\)](#) (Digressions and Impressions)

2019:

[The NSF and the Rise of Value-Free Philosophies of Science \(18/2/2019\)](#) (Daily Nous)

[Theodore de Laguna's analytic and speculative philosophy \(02/08/2019\)](#) (Digressions and Impressions)

2018:

[Grace and Theodore de Laguna, and the making of Willard Quine \(5/04/2018\)](#)

[On Grace de Laguna's functionalist critique of type physicalism and her lack of engagement with analytic philosophy \(09/05/2018\).](#)

2017:

[On having a guild philosophy: potential advantages and disadvantages \(28-04-2017\)](#)

[On the significance of the private history of philosophy journals \(06-03-2017\)](#)

[Modern Indian philosophy: Institutions and Western ties \(21-02-2017\)](#)

[Modern Indian Philosophy in the *Journal of Philosophy*: Appearance and Disappearance \(01-02-2017\)](#)

[The disappearance of modern Indian philosophy from *Mind* and the *Philosophical Review* \(25-01-2017\)](#)

Radio interviews:

[Analytic Philosophy: the leading brand](#) (ABC RN, The Philosopher's Zone)

BNR interviews covering my work on research funding distribution (BNR is a Dutch news radio station):

<https://www.bnr.nl/player/audio/10067403/10329072>

<http://rss.zoom-media.nl/myzoom/#/app/alert/2539638>

Administration:

2017-2020	Integrity Officer, Assistant Director of Teaching and Training (School of Historical and Philosophical Inquiry, UQ) and Research and Research Training Advisor (Philosophy)
5/14-5/16	Chair of TU/e Innovation Sciences School Board of Examiners (6 members) Departmental budget manager (TU/e, Philosophy Department)
8/12-5/14	Member of TU/e Innovation Sciences School Board of Examiners
8/12-8/13	Director of MSc philosophy certificate (TU/e) Organiser of departmental seminar (TU/e, Philosophy Dept.)
1/10-1/11	Departmental budget manager (TU/e, Philosophy Dept.)
9/07-9/08	HPS Director of Postgraduate Studies (University of Leeds) HPS MA Director (University of Leeds) Philosophy of Physics MA Director (University of Leeds) Organiser of HPS Research Seminar (University of Leeds)
10/05-9/06	Tutor for Admissions (Somerville College, PPE students)
10-04-9/05	Director of Studies (Somerville College, Philosophy students)

Teaching:

PhD/MSc supervision: Primary supervisor of 7 PhD students (2017-Present), of which 1 completed in early 2019.

Primary supervisor of 1 PhD student for 3 years at TU/e (2013-15).
2nd supervisor of 3 PhD students at the University of Leeds (two years)

Supervision of MA and MSc thesis writing (Leeds and TU/e)

Course and programme design:

Designed the TU/e philosophy certificate program as well as many courses.
Currently helping to redesign UQ philosophy major.

Undergraduate and postgraduate courses taught:

2017-Present University of Queensland
Undergraduate Courses: The Philosophy of Mind, Epistemology and Metaphysics; Theory and Practice in Science; Advanced Metaphysics; The Philosophy of Modern Physics.

09-2016 TU/e
Undergraduate courses: Science and Pseudoscience; How to Write a Scientific Essay; Business Ethics

Postgraduate courses: the Philosophy of Technology; Inside the Knowledge System; the Philosophy of Management Science; Ethics and the Risk Society; Scientific Integrity

9/06-8/08 University of Leeds

Undergraduate courses: Introduction to the Philosophy of Science; Progress and Revolutions; Theories and Observations; Realism and Truth in Science.

Postgraduate courses: Issues in the Philosophy of Science; Modern Science: Historical Emergence and Philosophical Interpretation.

- 10/04-9/06 Somerville College, Oxford
Tutorial classes on Kant, Metaphysics, Epistemology, Logic, the Philosophy of Logic and Language, the Philosophy of Science, the History of Modern Philosophy and General Philosophy.
- 10/03-9/04 University of Reading
Undergraduate courses: Introduction to Logic; Aristotle's *Metaphysics*; 3rd year Metaphysics I and II.
- 8/00-5/01 University of Arkansas
Undergraduate courses taught: Introductions to Philosophy (historical and problem oriented) and Introduction to Modern Philosophy.
Postgraduate course: Kant's Critique of Pure Reason.
- 10/94-0/99 University of Cambridge
Course taught: the Nature of Metaphysics.
Tutorial classes on Metaphysics, Epistemology, the Philosophy of Mind, the Philosophy of Science, the Philosophy of Language, Continental Philosophy and the History of Philosophy.
- 10/93-6/94 University of Tel-Aviv
Teaching assistant for Logic and for the Philosophy of Language

Teaching qualification: University Teaching Qualification (Basiskwalificatie Onderwijs/BKO)

Funding:

- 2018 \$4,000 (AU) for workshop Issues in the Theoretical Foundations of Climate Science (The Institute for the History and Philosophy of Science and Technology (University of Toronto), the School of the Environment (University of Toronto), Victoria University (University of Toronto))
- 2017 \$3,500 (AU) for redesigning Theory and Practice in Science's philosophy module (compulsory for all 1400 UQ BSc students)
- 10-11/13 13,000 Euros for workshop on the roles of climate models from the 3TU centre for ethics and technology and the Eindhoven centre for innovation studies (joint award from the 3TU.Centre for Ethics and Technology with Wendy Parker)
- 10/94- 9/97 (From 9/95) Wingate Scholarship (Harold Hyam Wingate Foundation)
Overseas Research Student's Award (University of Cambridge)
Overseas Student Bursary (University of Cambridge)

Referee work:

Journal of Advances in Modeling Earth Systems
HOPOS (regular)

Philosophical Quarterly (regular)
Philosophy of Science (regular)
British Journal for the Philosophy of Science (regular)
Studies in the History and Philosophy of Science B (regular)
European Journal for Philosophy of Science
Studies in the History and Philosophy of Science A & C (regular)
Theoria
Dialectica
Earth System Dynamics
Synthese
National Science Foundation (USA)
Journal for General Philosophy of Science (regular)

Membership of professional bodies:

The Australasian Association of Philosophy
The Dutch-Flemish Network for the Philosophy of Science and Technology
(2009-2016)
The European Philosophy of Science Association (2009-2016)

Service for professional bodies:

Secretary of the Executive Committee of the Australasian Association of
Philosophy (2017-2020)

Member of the PSA 2016 Program Committee

Education:

1/1999 PhD (Philosophy - the University of Cambridge)
 Thesis question: Why are there regularities?

5/1994 MA (Philosophy - the University of Tel-Aviv)
 Thesis question: What is the evidence for empiricism?

9/1991 BSc (Physics - the University of Tel-Aviv)

Referees:

Professor Joseph Berkovitz
Institute for the History and Philosophy of Science and Technology
Victoria College, University of Toronto
Email: joseph.berkovitz@utoronto.ca

Professor Wybo Houkes
Philosophy and Ethics
Eindhoven University of Technology
w.n.houkes@tue.nl

Professor Wendy S. Parker
Department of Philosophy
Virginia Tech
wendyparker@vt.edu

Professor Eric Schliesser

Faculty of Social and Behavioural Sciences
University of Amsterdam
E.S.Schliesser@uva.nl