

## Joel K. Katzav

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

**Position:** Associate Professor

**Contact:** j.katzav@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; possibility theory and deep uncertainty).

(ii) The history of twentieth century Anglophone philosophy (pragmatism; idealism; speculative philosophy; analytic philosophy; early twentieth century American women philosophers; early twentieth century (academic) Indian philosophy; history of philosophy of science).

**Past research:** Metaphysics (existence; laws of nature; powers ontology)  
AI/Argumentation (modelling natural language argumentation)  
The philosophy of language (use theories of meaning)  
Epistemology (internalism and externalism about justification)

**Areas of competence:** History of Philosophy (Greek and Hellenistic philosophy; Maimonides; Nāgārjuna; Shankara; early modern philosophy; Kant; absolute idealism)  
Philosophy of mind  
Logic

### **Published/accepted work:**

#### **Edited Books/Journal Editions:**

Katzav, J., Dorothy, R. Rogers, and Vaesen, K. (eds.) (2023) *Knowledge, Mind and Reality: An Introduction by Early Twentieth-Century American Women Philosophers*, Springer.

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

**Edited article:** 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.

#### **Book chapters:**

Katzav, J. (forthcoming) "Speculative Philosophy of Science vs. Logical Positivism: Preliminary Round." In S. Verheagh (Ed.), *American Philosophy and the Intellectual Migration: Pragmatism, Logical Empiricism, Phenomenology, Critical Theory*. De Gruyter.

Katzav, J., Dorothy, R. Rogers, and Vaesen, K. (2023) "American women philosophers: institutions, background and thought." In *Knowledge, mind and reality: an introduction by early twentieth-century American women philosophers*. (pp. 1-20) edited by Joel Katzav, Krist Vaesen and Dorothy

Rogers. Cham, Switzerland: Springer International Publishing. doi: 10.1007/978-3-031-24437-7\_1

Katzav, J. and Vaesen, K. (2023) "Introduction to Part 1." In *Knowledge, Mind and Reality: An Introduction by Early Twentieth-Century American Women Philosophers*. (pp. 23-34) Cham, Switzerland: Springer. doi: 10.1007/978-3-031-24437-7\_2

Katzav, J. (2023) "Introduction to Part 2." In *Knowledge, Mind and Reality: An Introduction by Early Twentieth-Century American Women Philosophers*. (pp. 69-80) Cham, Switzerland: Springer. doi: 10.1007/978-3-031-24437-7\_7

Katzav, J. and Vaesen, K. (2023) "Introduction to Part 3." In *Knowledge, Mind and Reality: An Introduction by Early Twentieth-Century American Women Philosophers*. (pp. 117-129) Cham, Switzerland: Springer. doi: 10.1007/978-3-031-24437-7\_12

Katzav, J. (2023) "Introduction to Part 4." In *Knowledge, Mind and Reality: An Introduction by Early Twentieth-Century American Women Philosophers*. (pp. 177-187) Cham, Switzerland: Springer. doi: 10.1007/978-3-031-24437-7\_17

Katzav, J. (2023) "Introduction to Part 5." In *Knowledge, Mind and Reality: An Introduction by Early Twentieth-Century American Women Philosophers*. (pp. 237-246) Cham, Switzerland: Springer. doi: 10.1007/978-3-031-24437-7\_22

Katzav, J. and Rogers, D. (2023) "Introduction to Part 6." In *Knowledge, Mind and Reality: An Introduction by Early Twentieth-Century American Women Philosophers*. (pp. 291-300) Cham, Switzerland: Springer. doi: 10.1007/978-3-031-24437-7\_26

Katzav, J. (2022) "The de Lagunas' *Dogmatism and Evolution*, overcoming modern philosophy and making post-Quinean analytic philosophy." In Eric Schliesser (ed.), *Ten Neglected Classics of Philosophy, volume 2*, pp. 192-214. Oxford: Oxford University Press.

**Articles:**

Katzav, J. (2024) "Response to commentary on 'Grace de Laguna's 1909 critique of analytic philosophy'", *Asian Journal of Philosophy*.

Katzav, J. (2023) "Epistemic possibilities in climate science: lessons from some recent research in the context of discovery," *European Journal for Philosophy of Science*, 13, 57. <https://doi.org/10.1007/s13194-023-00560-7>

Katzav, J. (2023) "Response to commentary on 'Grace de Laguna's analytic and speculative Philosophy'", *Australasian Philosophical Review*, 6(1), doi.org/10.1080/24740500.2022.2233195.

Katzav, J. (2023) “Grace de Laguna’s 1909 critique of analytic philosophy: presentation and defence,” *Asian Journal of Philosophy*, 2:47. <https://doi.org/10.1007/s44204-023-00102-1>  
[This is a target article to which there have been three responses]

Katzav, J. (2023) “To what extent can institutional control explain the dominance of analytic philosophy,” *Asian Journal of Philosophy*, doi.org/10.1007/s44204-023-00099-7.

Katzav, J. (2023) “Grace de Laguna’s Analytic and Speculative Philosophy,” *Australasian Philosophical Review*, 6(1), doi: 10.1080/24740500.2022.2221835.  
[This is a target article to which there are eight responses].

Katzav, J. and Vaesen, K. (2022) “The rise of logical empiricist philosophy of science and the fate of speculative philosophy of science”, *HOPOS*, 12(2): 327–358.

Katzav, J., Thompson, E., Risbey, J., Stainforth, D., Bradley, S. and Frisch, M. (2021) “On the appropriate and inappropriate uses of probability distributions in climate projections and some alternatives,” *Climatic Change* 169, 15, doi: 10.1007/s10584-021-03267-x.

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, 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*, 26(6): 1197-1221.

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.

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.

Katzav, J. and Vaesen, K. (2017) “Pluralism and peer review in philosophy”, *Philosophers’ Imprint*, 17(19), 1-20.

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.

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, 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, 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, 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, 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*, 76(4), 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 (Interdisciplinary workshop organised with Joseph Berkovitz and Steve Easterbrook, Victoria College, University of Toronto).

10-11/13

The roles of climate models (Interdisciplinary workshop at TU/e organised with Wendy Parker).

### Talks and conference papers given:

- 11/22 Possibilistic epistemology of climate science: motivation, presentation and issues (PSA 2022, Pittsburgh).
- 11/22 Grace Andrus de Laguna's critique of analytic philosophy (Tilburg University, Invited Talk)
- 11/22 Possibilistic epistemology of climate science: motivation, presentation and issues (University of Bern, Invited Talk).
- 10/22 On how speculative philosophers invented analytic philosophy of science (Vienna Circle Institute)
- 8/22 On how speculative philosophers invented analytic philosophy of science (Tilburg, Great Intellectual Migration conference, invited talk, online)
- 6/22 Grace Andrus de Laguna's critique of analytic philosophy (AAP 2022, delivered online)
- 4/22 On the use, misuse and alternatives to probability distributions in descriptions of future climate (EGU General Assembly 2022, Vienna, presented by Dave Stainforth)
- 2/22 Grace Andrus de Laguna's critique of analytic philosophy (New Voices on Women in Philosophy conference, online).
- 7/21 Philosophy of Science (Diamantina Institute)
- 6/21 On the invention and nature of analytic philosophy (AAP 2021, delivered online)
- 12/20 On the possible non-existence of a revolution in analytic philosophy (TiLPs History of Analytic Philosophy Workshop 2020, held online)
- 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 21<sup>st</sup> 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, 2<sup>nd</sup> 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:**

2023

[Philosophy of Science Without Mentioning Logical Positivism, Karl Popper or Thomas Kuhn](#) (APA Blog)

[American Women Philosophers in the Speculative Tradition: Beyond Analytic and Continental Philosophy](#) (APA Blog)

2021

[Ernest Nagel’s commemoration of Morris Raphael Cohen](#) (Digressions and Impressions)

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. Aired in 2019 and 2021)

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>

#### **Employment history:**

1/17-Present	Senior Lecturer and (since 2023) Associate Professor (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)

**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)