

Jake Chandler

Dept. of Politics, Media & Philosophy,
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RESEARCH AREAS

- Artificial Intelligence (KR)
- Belief Revision
- Decision Theory
- Formal Epistemology
- Judgment & Preference Aggregation
- Philosophical Logic

STIPENDIARY APPOINTMENTS

- 05.2018–... **Senior Lecturer**, *La Trobe University*, Melbourne, Australia
- 06.2017–12.2022 **Australian Research Council (ARC) Future Fellow**, *La Trobe University*, Melbourne, Australia
Seconded to the Department of Computer Science & Information Technology
- 08.2015–05.2018 **Lecturer**, *La Trobe University*, Melbourne, Australia
- 09.2013–08.2015 **Senior Research Fellow**, *Center for Mathematical Philosophy, LMU Munich*, Munich, Germany
- 10.2010–09.2013 **FWO Postdoctoral Research Fellow**, *KU Leuven*, Leuven, Belgium
- 10.2010–03.2011 **Adam Smith Visiting Professor in Philosophy & Economics**, *University of Bayreuth*, Bayreuth, Germany
- 09.2008–10.2010 **Post-Doctoral Research Fellow**, *Formal Epistemology Project, KU Leuven*, Leuven, Belgium
- 09.2007–09.2008 **Lecturer (Fixed-Term)**, *University of Glasgow*, Glasgow, UK
- 09.2006–12.2006 **Sessional Lecturer**, *Birkbeck College, FCE*, London, UK
- 10.2005–06.2006 **Teaching Fellow**, *King's College London*, London, UK
- 10.2005–04.2006 **Teaching Assistant**, *Heythrop College*, London, UK
- 10.2001–06.2004 **Teaching Assistant**, *King's College London*, London, UK

NON-STIPENDIARY APPOINTMENTS

- 08.2015–... **Visiting Senior Research Fellow**, *Center for Mathematical Philosophy, LMU Munich*, Munich, Germany
- 10.2010–10.2013 **Visiting Research Fellow**, *Center for Mathematical Philosophy, LMU Munich*, Munich, Germany
- 10.2010–10.2013 **Research Associate**, *Formal Epistemology Project, University of Groningen*, Groningen, The Netherlands
- 01.2007–09.2007 **Visiting Research Fellow**, *London School of Economics*, London, UK

EDUCATION

- 10.2000–12.2005 **PhD Philosophy**, *King's College London*, London, UK (Advisors: D. Papineau & J. Hopkins)

10.1998–06.2000 **MA Philosophy of Cognitive Science (with distinction)**, *University of Sussex*, Brighton, UK
 10.1995–06.1998 **BA (Hons) Linguistics**, *King's College Cambridge*, Cambridge, UK
 10.1992–06.1995 **French Baccalaureate, Série Scientifique**, *Lycée Bellevue*, Toulouse, France

RESEARCH – PUBLISHED OR FORTHCOMING

ARTICLES IN PEER-REVIEWED JOURNALS

- [1] J. Chandler & R. Booth (2023): Elementary Belief Revision Operators. *Journal of Philosophical Logic* 52(1): 267–311. <https://doi.org/10.1007/s10992-022-09672-6> Rankings: ERA: A*; ESF: INT1; SJR: 1,12 (Q1)
- [2] R. Booth & J. Chandler (2020): On Strengthening the Logic of Iterated Belief Revision: Proper Ordinal Interval Operators. *Artificial Intelligence* 285, 103289. <https://doi.org/10.1016/j.artint.2020.103289> Rankings: CORE: A*; ERA: A*; ESF: INT1; SJR: 1,01 (Q1)
- [3] R. Booth & J. Chandler (2019): From Iterated Revision to Iterated Contraction: Extending the Harper Identity. *Artificial Intelligence* 277, 103171. <https://doi.org/10.1016/j.artint.2019.103171> Rankings: CORE: A*; ERA: A*; ESF: INT1; SJR: 1,01 (Q1)
- [4] J. Chandler (2017): Preservation, Commutativity and Modus Ponens: Two Recent Triviality Results. *Mind* 126(502): 579–602. <https://doi.org/10.1093/mind/fzv154> Rankings: ERA: A*; ESF: INT1; SJR: 1,686 (Q1)
- [5] R. Booth & J. Chandler (2017): The Irreducibility of Iterated to Single Revision. *Journal of Philosophical Logic* 46(4): 405–418. <https://doi.org/10.1007/s10992-016-9404-z> Rankings: ERA: A*; ESF: INT1; SJR: 1,12 (Q1)
- [6] J. Chandler (2014): Subjective Probabilities Need Not Be Sharp. *Erkenntnis* 79(6): 1273–1286. <https://doi.org/10.1007/s10670-013-9597-2> Rankings: ERA: A; ESF: INT1; SJR: 0,541 (Q1)
- [7] J. Chandler (2013): Contrastive Confirmation: Some Competing Accounts. *Synthese* 190(1): 129–138. <https://doi.org/10.1007/s11229-010-9845-9> Rankings: ERA: A*; ESF: INT1; SJR: 0,619 (Q1)
- [8] J. Chandler (2013): Acceptance, Aggregation and Scoring Rules. *Erkenntnis* 78(1): 201–217. <https://doi.org/10.1007/s10670-012-9375-6> Rankings: ERA: A; ESF: INT1; SJR: 0,541 (Q1)
- [9] J. Chandler (2013): Defeat Reconsidered. *Analysis* 73(1): 49–51. <https://doi.org/10.1093/analysis/ans129> Rankings: ERA: A*; ESF: INT1; SJR: 1,377 (Q1)
- [10] J. Chandler (2013): Transmission Failure, AGM Style. *Erkenntnis* 78(2): 383–398. <https://doi.org/10.1007/s10670-012-9364-9> Rankings: ERA: A; ESF: INT1; SJR: 0,541 (Q1)
- [11] J. Chandler & A. Rieger (2011): Self-Respect Regained. *Proceedings of the Aristotelian Society* 111(2pt2): 311–318. <https://doi.org/10.1111/j.1467-9264.2011.00311.x> Rankings: ERA: n/a; ESF: INT1; SJR: 0,747 (Q1)
- [12] J. Chandler (2010): The Lottery Paradox Generalized? *British Journal for the Philosophy of Science* 61(3): 667–679. <https://doi.org/10.1093/bjps/axp056> Rankings: ERA: A*; ESF: INT1; SJR: 1,045 (Q1)
- [13] J. Chandler (2010): The Transmission of Support: A Bayesian Re-analysis. *Synthese* 176(3): 333–343. <https://doi.org/10.1007/s11229-009-9570-4> Rankings: ERA: A*; ESF: INT1; SJR: 0,619 (Q1)

- [14] J. Chandler (2007): Solving the Tacking Problem with Contrast Classes. *British Journal for the Philosophy of Science* 58(3): 489–502. <https://doi.org/10.1093/bjps/axm019> Rankings: ERA: A*; ESF: INT1; SJR: 1,045 (Q1)
- [15] J. Chandler (2006): Whyte on Desire Fulfilment Conditions: A Simple Problem. *Disputatio* II(21): 65–68. <https://doi.org/10.2478/disp-2006-0014> Rankings: ERA: B; ESF: B; SJR: 0,12 (Q3)

INVITED SURVEY ARTICLES

- [16] J. Chandler (2017): Descriptive Decision Theory. In E. Zalta (ed.), *The Stanford Encyclopedia of Philosophy*. Published version in html: <https://plato.stanford.edu/entries/decision-theory-descriptive/>

ARTICLES IN PEER-REVIEWED CONFERENCE PROCEEDINGS

- [17] J. Chandler & R. Booth (2025): Parallel Belief Contraction via Order Aggregation. *Proceedings of the 34th International Joint Conference on Artificial Intelligence (IJCAI 2025)*. 4427–4435. <https://doi.org/10.24963/ijcai.2025/493> Extended version: <https://arxiv.org/abs/2501.13295> Rankings: CORE: A*; ERA: A; ESF: n/a; SJR: n/a
- [18] J. Chandler & R. Booth (2025): Parallel Belief Revision via Order Aggregation. *Proceedings of the 34th International Joint Conference on Artificial Intelligence (IJCAI 2025)*. 4419–4426. <https://doi.org/10.24963/ijcai.2025/492> Extended version: <https://arxiv.org/abs/2505.13914> Rankings: CORE: A*; ERA: A; ESF: n/a; SJR: n/a
- [19] J. Chandler & R. Booth (2020): Revision by Conditionals: From Hook to Arrow. *Proceedings of the 17th International Conference on Principles of Knowledge Representation and Reasoning (KR 2020)* 233–242. <https://doi.org/10.24963/kr.2020/24> Extended version: <https://arxiv.org/abs/2006.15811> Rankings: CORE: A*; ERA: A; ESF: n/a; SJR: n/a
- [20] J. Chandler & R. Booth (2019): Elementary Iterated Revision and the Levi Identity. *Proceedings of the 7th International Conference on Logic, Rationality and Interaction (LORI 2019)* 15–28. https://doi.org/10.1007/978-3-662-60292-8_2 Extended version: <https://arxiv.org/abs/1907.01224> Rankings: CORE: n/a; ERA: n/a; ESF: n/a; SJR: n/a
- [21] R. Booth & J. Chandler (2018): On Strengthening the Logic of Iterated Belief Revision: Proper Ordinal Interval Operators. *Proceedings of the 16th International Conference on Principles of Knowledge Representation and Reasoning (KR 2018)* 210–219. Available at <https://cdn.aaai.org/ocs/18003/18003-78642-1-PB.pdf>. Extended version: <https://arxiv.org/abs/1807.09942> Rankings: CORE: A*; ERA: A; ESF: n/a; SJR: n/a
- [22] R. Booth & J. Chandler (2016): Extending the Harper Identity to Iterated Belief Change. *Proceedings of the 25th International Joint Conference on Artificial Intelligence (IJCAI 2016)* 987–993. Available at <https://www.ijcai.org/Abstract/16/144>. Extended version: <https://arxiv.org/abs/1604.05419> Rankings: CORE: A*; ERA: A; ESF: n/a; SJR: n/a

BOOK CHAPTERS

- [23] J. Chandler & V. Harrison (2012): Probability in the Philosophy of Religion: Introduction. In Chandler & Harrison (2012). <https://doi.org/10.1093/acprof:oso/9780199604760.003.0001>

EDITED VOLUMES

- [24] J. Chandler & V. Harrison (eds.) (2012): *Probability in the Philosophy of Religion*. Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780199604760.001.0001>

MISCELLANEOUS (BOOK REVIEWS, RESEARCH REPORTS)

- [25] J. Chandler (2017): Review of Spohn, *The Laws of Belief*. *Dialectica* 71(1): 141–146. <https://doi.org/10.1111/1746-8361.12173>
- [26] J. Chandler (2009): Review of Huber & Schmidt-Petri (eds.), *Degrees of Belief*. *Philosophy in Review* 29(6): 422–424.
- [27] J. Chandler (2000): On Being Inexplicit. *University of Sussex Cognitive Science Research Papers* #516.

GRANTS, AWARDS & PRIZES

- 2016 Australian Research Council (ARC) **Future Fellowship Grant**, for project titled ‘Qualitative Models of Rationality: Philosophical Foundations and Applications’. Value: **AUD 604,000**
- 2010 Research Council Flanders (FWO) personal **Postdoctoral Research Grant**, for project titled ‘Towards a Unified Model of Rational Belief’. Value: **EUR 160,000**
- 2010 Benelux Association for Artificial Intelligence (BNVKI) Conference Grant
- 2000 British Arts and Humanities Research Council (AHRC) **PhD Scholarship**. Value: **3 years of tuition fees** plus a maintenance grant
- 1996 King’s College Cambridge Scholarship

SELECTED TALKS (PAST DECADE)

- 08.2025 ‘Parallel Belief Contraction via Order Aggregation’, 34th International Joint Conference on Artificial Intelligence (IJCAI 2025), Guangzhou, China
- 08.2025 ‘Parallel Belief Revision via Order Aggregation’, 34th International Joint Conference on Artificial Intelligence (IJCAI 2025), Guangzhou, China
- 09.2020 ‘Revision by Conditionals: From Hook to Arrow’, 17th International Conference on Principles of Knowledge Representation and Reasoning (KR 2020), Rhodes, Greece
- 10.2019 ‘Elementary Iterated Revision Operators and the Levi Identity’ (plenary talk), LORI 2019, Southwest University, Chongqing, China
- 08.2019 ‘Iterated Belief Change’ (half-day tutorial), 28th International Joint Conference on Artificial Intelligence (IJCAI 2019), Macao, China
- 11.2018 ‘On Strengthening the Logic of Iterated Belief Revision’, KR 2018, Phoenix, USA
- 06.2018 ‘On Strengthening the Logic of Iterated Belief Revision’, Melbourne-Glasgow Formal Philosophy Workshop, Melbourne, Australia
- 07.2016 ‘Extending the Harper Identity to Iterated Belief Change’, 25th International Joint Conference on Artificial Intelligence (IJCAI 2016), New York, USA
- 07.2016 ‘Extending the Harper Identity to Iterated Belief Change (with Applications to Social Choice)’, Australasian Association of Logic AAL16, Melbourne, Australia

TEACHING

LECTURER / COURSE CONVENOR

- Introduction to Logic (*La Trobe*, UG)

- Knowledge, Individuals & Society (*La Trobe*, UG)
- Critical Thinking (*La Trobe*, UG; formerly *Critical Thinking & Innovation*)
- Iterated Belief Change (*IJCAI 2019 & PRICAI 2019*, PG/Faculty (1/2 day tutorial))
- Knowledge, Reason & Belief (*La Trobe*, UG)
- Critical Thinking (*La Trobe*, UG (Fully Online))
- 20th Century Philosophy (*La Trobe*, UG)
- Elements of Deductive Logic (*KU Leuven*, UG/PG)
- Phil. & Economics I: Modeling Rational Belief (*Bayreuth*, PG)
- Phil. & Economics II: The Evolution of the Social Contract (*Bayreuth*, PG)
- Phil. & Economics III: Paradoxes of Rationality (*Bayreuth*, UG/PG)
- Decision Theory, with Applications to Epistemology (*KU Leuven*, PG)
- Metaphysics (*Glasgow*, PG)
- Darwin in Philosophy (*Glasgow*, UG/PG)
- Introduction to Formal Epistemology (*Glasgow*, UG/PG)
- Introduction to Metaphysics (*Birkbeck FCE*, UG)

TUTOR

- Metaphysics (*Glasgow*, UG)
- Russell and Ayer (*Glasgow*, UG)
- Introductory Logic (*Glasgow*, UG)
- Epistemology (*Glasgow*, UG)
- Neuroscience and the Mind (*KCL*, UG)
- Scientific Methodology (*Heythrop*, UG)
- Epistemology (*Heythrop*, UG)
- Epistemology & Methodology (*KCL*, UG)
- Philosophy of Science (*KCL*, UG)
- Philosophy of Psychology (*KCL*, UG)

Syllabi and slides available online at <https://www.jakechandler.net>

RESEARCH SUPERVISION

- **PhD, co-supervisor** (with Yuri Cath), Peter Muehlenberg, La Trobe University — current
- **MA, co-supervisor**, La Trobe University — completed; the student proceeded to a PhD at the Australian National University
- **MA, supervisor**, KU Leuven — completed; thesis on knowledge and practical interests, awarded the highest grade of that year (90%), and the student proceeded to the Oxford DPhil under Timothy Williamson
- *Accredited by the Dean of the Graduate Research School as Principal & Co-Supervisor for all HDR candidates, 5 April 2016*

SERVICE

INSTITUTIONAL SERVICE & ADMINISTRATION

- **Director of the Bachelor of Arts in PPE** (La Trobe; from 06.2022 to present)
- **ERA Disciplinary Co-Lead** in Philosophy & Religious Studies (La Trobe; 2018 and 2022)
- **Learning & Teaching Committee Member**, School of Humanities and Social Sciences (La Trobe; from 03.2022 to present)
- **Academic Board Elected Member** (La Trobe; from 03.2017 to 12.2019)

— JOURNAL REFEREEING

- | | |
|---|------------------------------------|
| ○ Artificial Intelligence | ○ Journal of Philosophical Logic |
| ○ Australasian J. of Phil. | ○ Logique et Analyse |
| ○ Biology & Philosophy | ○ Mind |
| ○ British J. for the Phil. of Science | ○ Philosophical Papers |
| ○ Dialectica | ○ Philosophy of Science |
| ○ Economics & Philosophy | ○ Philosophical Quarterly |
| ○ Episteme | ○ Politics, Philosophy & Economics |
| ○ Ergo | ○ Review of Symbolic Logic |
| ○ Erkenntnis | ○ Synthese |
| ○ European J. for Phil. of Science | ○ Theoria |
| ○ Journal of Artificial Intelligence Research | ○ Topoi |

— BOOK PUBLISHER REFEREEING

- | | |
|---------------------------|--------|
| ○ Oxford University Press | ○ SAGE |
| ○ Palgrave Macmillan | |

— GRANT APPLICATION REFEREEING

- Australian Research Council (FT 2023; DP 2018, 2019, 2020, 2021, 2023; DECRA 2018, 2021, 2022, 2024, 2025)
- Czech Science Foundation (2017)
- European Research Council (STG 2022)

— CONFERENCE ORGANISATION

- *Knowledge Representation Conventicle @ PRICAI 2019*, Fiji, August 2019
- *Rationality & Decisions* research network meeting, KU Leuven, May 2010
- *Confluences in Models of Rationality* workshop, KU Leuven, May 2010
- *Bi-Annual Konstanz-Leuven Series in Formal Epistemology*, KU Leuven, 26 November 2009
- *Formal Methods in the Epistemology of Religion* conference, KU Leuven, 10-12 June 2009

— PROGRAM BOARD MEMBER

- International Joint Conference on Artificial Intelligence (IJCAI): 2022, 2023, 2024

PROGRAM COMMITTEE MEMBER

- Australasian Joint Conference on Artificial Intelligence (AI): 2019
- AAAI Conference on Artificial Intelligence (AAAI): 2019, 2020, 2021
- Conference on Principles of Knowledge Representation and Reasoning (KR): 2020, 2022
- European Conference on Artificial Intelligence (ECAI): 2020
- International Joint Conference on Artificial Intelligence (IJCAI): 2018, 2020
- Pacific Rim International Conference on Artificial Intelligence (PRICAI): 2020

MISCELLANEOUS

- Co-Founder, *Choice & Inference* blog (choiceandinference.com).

LANGUAGES

- | | |
|---------------------------------|---------------------------------|
| ○ English (Native) | ○ French (Native) |
| ○ German (Working; 5yrs study) | ○ Spanish (Working; 6yrs study) |
| ○ Dutch (Beginner; < 1yr study) | |

WORK RIGHTS

British citizen; Australian permanent resident (unrestricted work rights)

REFEREES

Available on request.