

# A.C. PASEAU

## Areas of Research Specialisation

Logic, Philosophy of Mathematics, Metaphysics, Epistemology, Philosophy of Religion

## Areas of Teaching Competence

Philosophy of Science, Philosophy of Language, Philosophy of Economics

## Employment

### *University of Oxford*

- 2021–present Professor of Mathematical Philosophy
- 2005–present Stuart Hampshire Fellow and Tutor in Philosophy, Wadham College
- 2014–2021 Associate Professor of Philosophy
- 2005–2014 CUF Lecturer in Philosophy

### *University of Cambridge*

- 2002–05 Research Fellow, Jesus College
- 2002–04 Director of Studies in Philosophy, Queens' College
- 2003 Director of Studies in Philosophy, Jesus College

## Higher Education

- 2010–12 **MSc Economics**, Birkbeck, University of London (Distinction)
- 1999–2003 **PhD Philosophy**, Trinity College, University of Cambridge
  - 2001 Visiting Graduate Student, Philosophy Department, Princeton University
- 1997–99 **BPhil Philosophy**, Merton College, University of Oxford (First-class marks in all parts)
- 1996–97 Part II Philosophy, Trinity College, University of Cambridge (First; overall mark 1+)
- 1993–96 **BA Mathematics** Parts IA, IB, II(b), Trinity College, University of Cambridge (First; First; Wrangler)

## Visiting Positions

- Autumn 2023 Academy of Athens, Visiting Researcher
- Spring 2017 Institute for the History and Philosophy of Science and Technology, Paris, Visiting Researcher
- Autumn 2014 King's College London, Visiting Senior Research Fellow
- Winter 2008 Centre for the Foundations of Science, University of Sydney, Visiting Fellow

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## Research Grants

- 2020–21 Leverhulme Trust Research Fellowship (15 months)
- 2018 REF Strategic Support Fund, University of Oxford
- 2012 Mind Association Research Fellowship (6 months)
- 1997–2001 British Academy & AHRB Postgraduate Studentships, Competitions A & B
- 2001 Rouse Ball Travelling Studentship, Trinity College, University of Cambridge
- 2001 AHRB Overseas Visit Award
- 1999 Internal Graduate Studentship, Trinity College, University of Cambridge

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## Books

- 6. **What is Mathematics About?**, Oxford University Press (under contract).
- 5. **The Euclidean Programme**, with Wesley Wrigley, Cambridge University Press, 2024.
- 4. **Indispensability**, with Alan Baker, Cambridge University Press, 2023. 60 pp. + iv
- 3. **One True Logic**, with Owen Griffiths, Oxford University Press, 2022. 232 pp. + xxxi
- 2. **Philosophy of Mathematics**, editor, 5 volumes, Routledge Major Works, 2017. 1731 pp. + xlv
- 1. **Mathematical Knowledge**, co-edited with Mary Leng and Michael Potter, Oxford University Press, 2007. 188 pp. + x

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## Journal Articles

- 36. **Ways of Being and Logicality**, with Owen Griffiths, [The Journal of Philosophy](#) 120 (2023), pp. 94–116.
- 35. **Logos, Logic and Maximal Infinity**, [Religious Studies](#) 58 (2022), pp. 420–35.
- 34. **Non-metric propositional similarity**, [Erkenntnis](#) 87 (2022), pp. 2307–2328.
- 33. **Arithmetic, Enumerative Induction and Size Bias** [Synthese](#) 199 (2021), pp. 9161–9184.
- 32. **Propositionalism**, [The Journal of Philosophy](#) 118 (2021), pp. 430–449.
- 31. **Is English Consequence Compact?**, with Owen Griffiths, [Thought](#) 10 (2021), pp. 188–98.
- 30. **Capturing Consequence**, [Review of Symbolic Logic](#) 12 (2019), pp. 271–95.
- 29. **A Measure of Inferential-Role Preservation**, [Synthese](#) 196 (2019), pp. 2621–42.
- 28. **Philosophy of the Matrix**, [Philosophia Mathematica](#) 25 (2017), pp. 246–67.
- 27. **Isomorphism Invariance and Overgeneration** (with Owen Griffiths), [Bulletin of Symbolic Logic](#) 22 (2016), pp. 482–503.
- 26. **What's the Point of Complete Rigour?**, [Mind](#) 125 (2016), pp. 177–207.
- 25. **Fairness and Aggregation** (with Ben Saunders), [Utilitas](#) 27 (2015), pp. 460–9.
- 24. **Did Frege commit a cardinal sin?**, [Analysis](#) 75 (2015), pp. 379–86.
- 23. **Knowledge of Mathematics without Proof** (2014), [The British Journal for the Philosophy of Science](#) 66, pp. 775–99.
- 22. **The Overgeneration Argument(s): a Succinct Refutation**, [Analysis](#) 74 (2014), pp. 40–7.
- 21. **An Exact Measure of Paradox**, [Analysis](#) 73 (2013), pp. 17–26.

20. **Against the Judgment-Dependence of Mathematics and Logic**, [Erkenntnis](#) 76 (2012), pp. 23–40.
19. **Resemblance Theories of Properties**, [Philosophical Studies](#) 157 (2012), pp. 361–82.
18. **Proving Induction**, [Australasian Journal of Logic](#) 10 (2011), pp. 1–17.
17. **Mathematical Instrumentalism, Gödel’s Theorem and Inductive Evidence**, [Studies in the History and Philosophy of Science](#) 42 (2011), pp. 140–9.
16. **A Puzzle about Naturalism**, [Metaphilosophy](#) 41 (2010), pp. 642–8.
15. **Pure Second-Order Logic with Second-Order Identity**, [Notre Dame Journal of Formal Logic](#) 51 (2010), pp. 351–60.
14. **Proofs of the Compactness Theorem**, [History and Philosophy of Logic](#) 31 (2010), pp. 73–98. [A corrigendum appeared in [History and Philosophy of Logic](#) 32 (2011), p. 407.]
13. **The Definitions of Ultimate Ontological Basis and the Fundamental Layer**, [Philosophical Quarterly](#) 60 (2010), pp. 169–75.
12. **How to type: reply to Halbach**, [Analysis](#) 69 (2009), pp. 280–6.
11. **Justifying Induction Mathematically: Strategies and Functions**, [Logique et Analyse](#) 203 (2008), pp. 263–9
10. **Motivating Reductionism about Sets**, [Australasian Journal of Philosophy](#) 86 (2008), pp. 295–307.
9. **Fitch’s Argument and Typing Knowledge**, [Notre Dame Journal of Formal Logic](#) 49 (2008), pp. 153–76.
8. **Booleans on the Justification of Set Theory**, [Philosophia Mathematica](#) 15 (2007), pp. 30–53.
7. **Genuine Modal Realism and Completeness**, [Mind](#) 115 (2006), pp. 721–9.
6. **The Subtraction Argument(s)**, [Dialectica](#) 60 (2006), pp. 145–156
5. **Naturalism in Mathematics and the Authority of Philosophy**, [The British Journal for the Philosophy of Science](#) 56 (2005), pp. 399–418.
4. **On an Application of Categoricity**, [Proceedings of the Aristotelian Society](#) 105 (2005), pp. 411–415.
3. **The Open-Endedness of the Set Concept and the Semantics of Set Theory**, [Synthese](#) 135 (2003), pp. 379–99.
2. **Why the Subtraction Argument Does Not Add Up**, [Analysis](#) 62 (2002), pp. 74–6.
1. **Should the Logic of Set Theory Be Intuitionistic?**, [Proceedings of the Aristotelian Society](#) 101 (2001), pp. 369–78.

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## Book Chapters

8. **Deductive Theories and Non-Deductive Knowledge**, in F. Sterpetti & E. Ippoliti (eds), [The Heuristic View](#), forthcoming.
7. **Model-Theoretic and Proof-Theoretic Validity**, with Owen Griffiths, in E. Brendel & M. Carrara & F. Ferrari & O. Hjortland & G. Sagi & G. Sher (eds), [Oxford Handbook of Philosophy of Logic](#), Oxford University Press, forthcoming.
6. **Trumping Naturalism Revisited**, in J. Kennedy (ed.), [Penelope Maddy on the Philosophy of Mathematics](#), Springer, forthcoming.

5. **Non-deductive justification in mathematics**, in B. Sriraman (ed), [Handbook of the History and Philosophy of Mathematical Practice](#), (Springer 2023).
4. **Propositional Logics of Truth by Logical Form**, with Owen Griffiths, in G. Sagi & J. Woods (eds), [The Semantic Conception of Logic: Essays on Consequence, Invariance, and Meaning](#) (Cambridge University Press 2021), pp. 160–185.
3. **Six Similarity Theories of Properties**, in G. Rodriguez-Pereyra & G. Guigon (eds), [Nominalism about Properties](#) (Routledge, 2015), pp. 95–120.
2. **Reducing Arithmetic to Set Theory**, in Ø. Linnebo & O. Bueno (eds), [New Waves in Philosophy of Mathematics](#) (Palgrave Macmillan, 2009), pp. 35–55.
1. **Scientific Platonism**, in M. Leng, A. Paseau & M. Potter (eds), [Mathematical Knowledge](#) (Oxford University Press, 2007), pp. 123–49

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## Reviews

17. **Review** of *Once Upon a Prime* by Sarah Hart, [The Mathematical Gazette](#), forthcoming.
16. **Review** of *Logical Consequence* by Gila Sher, [Philosophia Mathematica](#), forthcoming.
15. **Review** (with Michael Bevan) of *Mathematics and Morality* by Justin Clarke-Doane, [Philosophia Mathematica](#) 28 (2020), pp. 442–6
14. **Review** of *Naturalizing Logico-Mathematical Knowledge*, S. Bangu (ed.), [Notre Dame Philosophical Reviews](#) (16 May 2018).
13. **Review** of *Philosophy of Mathematics* by Øystein Linnebo, [The Mathematical Gazette](#) 102 (2018), pp. 379–81.
12. **Review** of *Truth, Objects, Infinity: New Perspectives on the Philosophy of Paul Benacerraf*, F. Pataut (ed.), [Notre Dame Philosophical Reviews](#) (4 July 2017).
11. **Review** of *The Laws of Belief* by Wolfgang Spohn, [Mind](#) 126 (2017), pp. 273–8.
10. **Review** of *Rigor and Structure* by John Burgess, [The British Journal for the Philosophy of Science](#), 67 (2016), pp. 1185–7.
9. **Review** of *Why is there Philosophy of Mathematics at all?* by Ian Hacking, [The Mathematical Gazette](#) 100 (2016), pp. 381–2
8. **Review** of *L.E.J. Brouwer: Topologist, Intuitionist, Philosopher* by Dirk van Dalen, [The Mathematical Gazette](#) 98 (2014), pp. 552–4.
7. **Review** of *Philosophical Devices* by David Papineau, [Philosophia Mathematica](#) 22 (2014), pp. 121–3.
6. **Review** of *Platonism, Naturalism and Mathematical Knowledge* by James Robert Brown, [Philosophia Mathematica](#) 20 (2012), pp. 359–64
5. **Practitioners First**, Book Symposium on *Mathematics and Reality* by Mary Leng, [Metascience](#) 21 (2012), pp. 282–8.
4. **Review** of *Logical Pluralism* by JC Beall and Greg Restall, [Mind](#) 116 (2007), pp. 391–6.
3. **What the Foundationalist Filter Kept Out**, Essay Review of *Towards a Philosophy of Real Mathematics* by David Corfield, [Studies in History and Philosophy of Science](#) 36 (2005), pp. 191–201
2. **Review** of *The Search for Certainty* by Marcus Giaquinto, [Philosophical Books](#) 46 (2005), pp. 382–4.
1. **Review** of *Resemblance Nominalism* by Gonzalo Rodriguez-Pereyra, [European Journal of Philosophy](#) 13 (2005), pp. 146–50.

## Encyclopedia entries

4. **Deductivism in the Philosophy of Mathematics**, with Fabian Pregel, in E. Zalta (ed.), [Stanford Encyclopedia of Philosophy](#) (2023).
3. **The Compactness Theorem**, with Rob Leek, in J-Y. Beziau (ed.), [Internet Encyclopedia of Philosophy](#) (2022).
2. **Naturalism in the Philosophy of Mathematics**, in E. Zalta (ed.), [Stanford Encyclopedia of Philosophy](#) (2008).
1. **Naturalised Philosophy of Mathematics**, [Routledge Encyclopedia of Philosophy](#) (2008).

## Writing for a general academic audience

7. **Infinitary Reasoning**, guest editor, with Owen Griffiths, of [The Reasoner](#), October 2022.
6. **Ancestral Links**, [The Reasoner](#) 12 (2022), pp. 55–56.
5. **Dissemination Corner: *One True Logic***, with Owen Griffiths, [The Reasoner](#) 16 (2022), pp. 3–4.
4. **Why are there no infinite left-sided decimal expansions?**, [The Mathematical Gazette](#) 105 (2021), pp. 78–86.
3. **Letter Games: A Metamathematical Taster**, [The Mathematical Gazette](#) 100 (2016), pp. 442–9. [Italian translation by the author]
2. **The ‘stop after k girls or N children’ policy**, [The Mathematical Gazette](#) 98 (2014), pp. 402–13.
1. **Family Planning**, [The Mathematical Gazette](#) 95 (2011), pp. 213–7.

## Popular writing

*Fuse* (Magazine of the National Association for Gifted Children); Oxford Philosophy Faculty newsletter; *Varsity* (Cambridge University student newspaper); OUP Blog; *Philosophy Now*.

## Interviews

[Tvērums](#), 2023.

[Neusis](#), vol. 26, 2019, pp. 167–71. (In Greek)

[3AM](#), 2018.

## Podcast and Video

**Two Mortals Confront One Infinite Logic** (Wadcast #7), 2023

**Mathematics & Philosophy course short film**, 2013

## Research talks

(Titles omitted. By invitation unless stated.)

99. Mar 2024 *Authors-meet-Critics Symposium on One True Logic*, APA Pacific Division, Portland
98. Jan 2024 *17<sup>th</sup> Graduate Conference in the Philosophy of Logic and Mathematics*, University of Cambridge (keynote)
97. Dec 2023 *Understanding the Nature of Inference*, Yale University
96. Nov 2023 *Philosophy Department Colloquium*, Boğaziçi University
95. Nov 2023 *History and Philosophy of Science Department Colloquium*, Athens University
94. Oct 2023 *Philosophy Seminar*, Nanyang Technological University
93. Oct 2023 *Center for Logic, Language, and Mind*, Stockholm University (online)
92. Jun 2023 *Philosophy Seminar*, Munich Center for Mathematical Philosophy
91. Mar 2023 *Philosophy Society*, St Andrews University
90. Mar 2023 *Logic Workshop*, University of Bergen
89. Mar 2023 *Philosophy Seminar*, University of Queensland (online)
88. Feb 2023 *The Heuristic View: Logic, Mathematics, and Science Conference*, La Sapienza, Rome
87. Jan 2023 *Symposium on One True Logic*, UCL
86. Dec 2022 *Euphilo Seminar* (online)
85. Nov 2022 *Ghent-Brussels Seminar in Logic, History and Philosophy of Science*, Brussels
84. Nov 2022 *Philosophy of Mathematics Seminar*, Oxford University
83. Sep 2022 *Understanding the Nature of Inference*, Yale University (online)
82. Sep 2022 *Express-PhilMat Seminar*, ILLC Amsterdam (online)
81. Sep 2022 *Proofs and Formalization in Logic, Mathematics and Philosophy*, University of Utrecht
80. Jun 2022 *Education/Philosophy/History of Mathematics Summer School*, Athens University (online)
79. Jun 2022 *Philosophy Seminar*, Munich Center for Mathematical Philosophy
78. Apr 2022 *UNILOG (7<sup>th</sup> World Congress on Universal Logic)*, Crete (3-lecture tutorial course)
77. Dec 2021 *Departmental Symposium*, UCL Philosophy Department (online)
76. Nov 2021 *Graduate Philosophy Conference*, Oxford University (Faculty Respondent)
75. Jun 2021 *Philosophy of Cognitive Science Group*, New College of the Humanities, London (online)
74. Oct 2019 *Classics & Philosophy Department*, University of Cyprus
73. May 2019 *Logic Seminar*, University of Leeds
72. May 2019 *Centre for Metaphysics and Mind*, University of Leeds
71. Nov 2018 *Philosophy of Mathematics Seminar*, Oxford University
70. Oct 2018 *Philosophy Seminar*, IUSS, Pavia
69. Jun 2018 *Thematic Summer School on Contemporary Mathematics and Philosophy*, St-Flour (in French)
68. Jun 2018 *UNILOG (6<sup>th</sup> World Congress on Universal Logic)*, Vichy (keynote)
67. Jun 2018 *Philmat Intersem*, University of Paris 7-Diderot
66. Jun 2018 *New Work in Logic and Philosophy of Science Conference*, University of Bucharest
65. Apr 2018 *Philosophy of Mathematics seminar*, University of Oxford
64. Mar 2018 *Kurt Gödel Research Centre*, Vienna
63. Jun 2017 *Institute for the History and Philosophy of Science and Technology*, Paris

62. May 2017 *Department Colloquium*, University of Hamburg
61. Mar 2017 *North American Annual Meeting of the Association for Symbolic Logic*, Idaho (delivered on my behalf)
60. Oct 2016 *Senior Seminar*, Glasgow University
59. Sep 2016 *Department Colloquium*, MIT
58. Apr 2016 *Methodology, History and Theory of Science Department*, Athens University
57. Apr 2016 *Mathematics Department*, Athens University
56. Jan 2016 *Logic Seminar*, University of Cambridge
55. Jan 2016 *Philosophy of Mathematics Seminar*, University of Oxford
54. Nov 2015 *Midwest Philosophy of Math Workshop*, University of Notre Dame (keynote)
53. Jul 2015 *Mind Association and Aristotelian Society Joint Session*, Warwick (by peer review).
52. Apr 2015 *Department Colloquium*, Munich Center for Mathematical Philosophy
51. Aug 2014 *European Congress of Analytic Philosophy*, Bucharest (by peer review)
50. Jul 2014 *Mind Association and Aristotelian Society Joint Session*, Cambridge (by peer review)
49. Jun 2013 *Philosophy of Science Workshop*, University of Bergen
48. Jun 2013 *Arithmetic, Structures and The Rise of Modern Logic: a Colloquium in Honour of Dan Isaacson*, Oxford University
47. Apr 2013 *Philosophy of Science Conference*, IUC Dubrovnik
46. Apr 2013 *UNILOG (4<sup>th</sup> World Congress on Universal Logic)*, Rio de Janeiro
45. Jan 2013 *Theoretical Work in Progress Seminar*, University of Oxford
44. Dec 2012 *Philosophy Society*, Heythrop College
43. Sep 2012 *Nominalism: A Reassessment*, University of Geneva (Eidos)
42. Jul 2012 *Foundations of Mathematics Conference*, University of Cambridge
41. Jun 2012 *Philosophy of Mathematics and Logic seminar*, University of Oxford
40. Sep 2011 *Philosophy Department Visiting Speaker Seminar*, Stirling University
39. Oct 2010 *Institute of Philosophy Logic and Metaphysics Forum*, University of London
38. Apr 2010 *Philosophy Colloquium*, Warwick University
37. Mar 2010 *Philosophy Society*, Oxford Brookes University
36. Jan 2010 *3<sup>rd</sup> Graduate Conference in the Philosophy of Logic and Mathematics*, University of Cambridge (keynote)
35. Jul 2009 *Two Streams in the Philosophy of Mathematics*, University of Hertfordshire (keynote)
34. May 2009 *IP Seminar*, ENS (Rue d'Ulm), Paris
33. Apr 2009 *LPS Colloquium*, University of California at Irvine
32. Apr 2009 *Philosophy of Mathematics Graduate Seminar*, University of California at Irvine
31. Feb 2009 *Philosophy of Mathematics Research Seminar*, University of Oxford
30. Nov 2008 *Philosophy and History of Science Seminar*, Bristol University
29. Sep 2008 *Mathematical Methods in Philosophy*, Bristol University
28. May 2008 *Departmental Seminar*, Birkbeck College School of Philosophy
27. Apr 2008 *New Waves in the Philosophy of Mathematics Conference*, University of Miami
26. Apr 2008 *A Priori Knowledge Workshop*, Aberdeen University
25. Mar 2008 *Issues in the Philosophy of Mathematics Conference*, Manchester University

24. Mar 2008 *RSS Philosophy Seminar Series*, Australian National University
23. Mar 2008 *Current Projects Seminar*, University of Sydney
22. Nov 2007 *Graduate Philosophy Conference*, University of Oxford (Faculty Respondent)
21. Oct 2006 *Undergraduate Philosophy Society*, Reading University
20. Oct 2006 *Departmental Seminar*, Sheffield University
19. May 2006 *PhilEAs Lecture Series*, University of Geneva
18. May 2006 *Philosophical Society*, University of Oxford
17. Nov 2005 *Philosophy of Mathematics Seminar*, University of Oxford
16. Sep 2005 *British Logic Colloquium*, Bristol
15. Feb 2005 *Philosophy Department*, University of Wisconsin-Madison
14. Nov 2004 *Department Colloquium*, York Philosophy Department
13. Jul 2004 *Mathematical Knowledge Conference*, University of Cambridge
12. Dec 2003 *Society for the Philosophy of Mathematics and Mathematical Sciences*, University of Cambridge
11. Nov 2003 *Research Seminar in the Philosophy of Natural Science*, London School of Economics
10. Aug 2003 *21<sup>st</sup> World Congress of Philosophy*, Istanbul
9. May 2003 *Logic Seminar*, University of Cambridge
8. Jan 2003 *Philosophy Department*, UC Berkeley
7. Nov 2002 *Logic Seminar*, University of Cambridge
6. Oct 2002 *Philosophy Graduate Seminar*, University of Cambridge
5. Feb 2002 *Moral Sciences Club*, University of Cambridge
4. Feb 2002 *Ockham Society*, University of Oxford
3. Jul 2000 *Mind Association and Aristotelian Society Joint Session*, Sheffield (by peer review)
2. Mar 2000 *Philosophy of Mathematics Workshop*, University of Cambridge
1. Jun 1998 *Authorities for the Rise of Modern Logic Graduate Seminar*, University of Oxford

### General audience talks

- Mar 2020 *An Introduction to the Philosophy of Mathematics* weekend seminar, Oxford Institute for Continuing Education
- Feb 2019 *Oxford Prospects Programme*, Oxford
- Jun 2013 *Big Ideas Pub Philosophy*, The Wheatsheaf, London
- Feb 2011 *An Introduction to the Philosophy of Mathematics* weekend seminar, Oxford Institute for Continuing Education
- 2003–present Numerous talks and half-term courses in secondary schools



## Professional Service: Philosophy Faculty, University of Oxford

BPhil Exam Board (2022–); Departmental Lecturer in Logic and Philosophy of Mathematics Appointment Committee (2019); Philosophy CUF Lectureship Appointment Committee (2023, 2018); Mathematics & Philosophy Joint Consultative Committee (2016–19, 2005–14); Physics & Philosophy Joint Consultative Committee (2016–19); Computer Science & Philosophy Joint Consultative Committee (2016–19); Mathematics & Philosophy Undergraduate Admissions Coordinator (2006); Graduate Teaching Coordinator (2008–11), Graduate Studies Committee (2008–11); Undergraduate Studies Committee, Member (2013–14, 2017–9); Faculty Mentor to: Jim Grant, Josh Parsons, James Studd, Paul Elbourne, Alex Kaiserman, Joel Hamkins; Job candidate mock interviewer (2017, 2015).

## Professional Service: Wadham College, University of Oxford

Tutor for Undergraduates (2022–5); Disciplinary Panel (2022); Research Working Group (2018–9); Visiting Fellowships Committee (2017–9); Nominating Committee (2017–8); Law Fellowship by Special Election Appointment Committee (2016); Blavatnik School of Government University Lecturer Appointment Committee (2013); Philosophy CUF Lectureship Appointment Committee (2013, 2006); Philosophy Stipendiary Lectureship Appointment Committee (2019, 2015, 2014, 2013, 2010, 2006, 2005); Economics Stipendiary Lectureship Appointment Committee (2009); Mathematics University Lectureship Appointment Committee (2007); Member of Governing Body and Tutorial Board (2005–); Academic Panel (2015–19, 2006–9); Liaison Committee (2007–9); Academic Policy Committee (2009–2011); Secretary to Governing Body (2012–4, 2017–8).

## Conferences and Reading Groups

### Conferences

1. *Wittgenstein and the Philosophy of Mathematics*. August 2022. Wadham College, University of Oxford. Local facilitator.
2. *Philosophy of Mathematics Conference*, 22 June 2015, Philosophy Faculty, University of Oxford. Sole organiser, secured funding from Lisa & Maury Friedman foundation.
3. *Arithmetic, Structures and The Rise of Modern Logic: a Colloquium in Honour of Dan Isaacson*, 15 June 2013, Philosophy Faculty, University of Oxford. Joint organiser: suggested conference themes, invited speakers.
4. *Philosophy of Mathematics Workshop*, 25 June 2012, Wadham College, University of Oxford. Sole organiser, secured funding from Lisa & Maury Friedman foundation.
5. *Mathematical Knowledge*, an international interdisciplinary conference, 30 June–2 July 2004, University of Cambridge. Joint organiser: suggested conference theme, drew up budget, secured funding from Jesus College Humanities and Science Project, jointly responsible for advertising & inviting speakers.

### Reading Groups and Seminars (all University of Oxford)

1. *Set Theory Reading Group* (on Boolean-valued forcing), 2018.
2. *Philosophy of Mathematics Seminar*, Co-organiser 2015–6.
3. *Descriptive Set Theory Reading Group* (on Alexander Kechris' *Classical Descriptive Set Theory*). Founder and convenor, 2016.

4. *Set Theory Reading Group* (on Ken Kunen's *Set Theory*). Founder and main convenor, 2014–2015.

## Peer Review

### Grants

Member, AHRC Peer Review College, 2012–5

Austrian Academy of Sciences, National Research Foundation (RSA), NWO – the Dutch Research Council (NL), Economic and Social Research Council (UK), UK Research and Innovation

### Conferences

2018 Aristotelian Society & Mind Association Joint Session.

2019 European Philosophy of Science Association Conference Program Committee.

### Books

Book Proposals: Oxford UP (×3); Routledge (×2); Cambridge UP; Polity.

Book Manuscripts: Springer, Princeton UP; Blackwell; Oxford UP; Cambridge UP (×2).

Chapters in collected volumes: Oxford UP.

### External Assessment

JRF Assessor: All Souls (×2), Christ Church, Merton, St John's, Magdalen (all Oxford); Christ's, Corpus Christi, Emmanuel, Gonville & Caius, Magdalene, St John's (all Cambridge).

Government of Ireland Postdoctoral Fellowship Programme and Postgraduate Scholarship Scheme.

Humboldt Research Fellowship, Alexander von Humboldt Foundation.

External Subject Specialist on Committee: Career Development Fellowship, Christ Church, Oxford University 2022; Fixed-Term Tutorial Fellowship, Worcester College, Oxford University 2015; Philosophy of Mathematics Lectureship, Warwick University 2008.

### Editorships

Associate Editor, *Mind*: 2015–2018 (responsible for c. 50 submissions pa).

Editorial Board, *Philosophy of Mathematics and Mathematical Philosophy*: 2022–

### Journal Refereeing

*American Philosophical Quarterly*; *Analysis* (×2); *Applied Mathematics—A Journal of Chinese Universities*; *Australasian Journal of Logic*; *Australasian Journal of Philosophy* (×7); *British Journal for the Philosophy of Science* (×5); *Bulletin of Symbolic Logic* (×2); *Canadian Journal of Philosophy*; *Dialectica* (×6); *Disputatio*; *Erkenntnis* (×7); *European Journal for the Philosophy of Science* (×2); *European Journal of Philosophy* (×3); *Filozofia Nauki*; *Inquiry* (×2); *International Studies in the Philosophy of Science*; *Journal of Philosophical Logic* (×2); *The Journal of Philosophy* (×2); *Logica Universalis*; *Logique et Analyse* (×2); *The Mathematical Gazette* (×9); *Mind* (×17; other than as Associate Editor); *Noûs*; *Pacific Philosophical Quarterly*; *Philosophies*; *Philosophy and Phenomenological Research*; *Philosophy Compass*; *Philosophers' Imprint* (×2); *Philosophia Mathematica* (×17); *Philosophical Papers*; *Philosophical Quarterly* (×4); *Philosophical Studies* (×4); *The Southern Journal of Philosophy* (×2); *Review of Symbolic Logic* (×2); *Studies in the History and Philosophy of Science*; *Synthese* (×14); *Theoria*; *Utilitas*.

## Postdoctoral Mentoring

William D'Alessandro, Marie Skłodowska Curie Action (2-year postdoctoral fellowship), University of Oxford, 2023–5.

## Teaching: Oxford (2005–present)

### *DPhil supervision*

8. Tibo Rushbrooke 2023–
7. Dominik Ehrenfels 2022– (secondary supervisor)
6. Hans Robin Solberg 2018–
5. Nuno Filipe Mendes da Silva Maia DPhil expected 2023
4. Fabian Pregel DPhil expected 2023
3. Michael Bevan DPhil 2023
2. Robert Schwartzkopff DPhil 2015
1. James Studd DPhil 2012

Supervisor of 2 Visiting DPhil students: Daniel Rowe 2022–23, Romain Dufêtre 2018–19.

### *BPhil/MSt/MMath/MMatPhil Supervision*

1 MLitt thesis

4 BPhil Theses (2 Distinctions, 2 Merits)

4 Part C Dissertations in Mathematics or Philosophy (2 first-class, 1 winner of Mathematics Part C Gibbs Prize for best Dissertation).

Regularly supervise B.Phil. Philosophy & M.St. Philosophy of Physics essays.

### *Lectures/Seminars*

*Philosophy of Mathematics*, Graduate seminar, Michaelmas 2022

*Gödel's Incompleteness Theorems*, Mathematics 4<sup>th</sup> year/MSc course, Hilary 2016, 2014, 2013

*Elements of Deductive Logic*, 1<sup>st</sup>-year course, Hilary 2023, 2022, 2019, 2018, 2017, 2016

*Logical Consequence*, BPhil class Hilary 2017 (with Owen Griffiths), 3<sup>rd</sup> year course, Hilary 2011

*Logical Consequence and Logical Constants* (with Owen Griffiths), BPhil class Hilary 2018

*Philosophy of Logic* (with Volker Halbach), BPhil class Hilary 2019

*Philosophy of Logic*, BPhil class, Trinity 2010

*Logic Toolkit*, DPhil/BPhil/MSt class, Trinity 2009

*Bayesian Epistemology*, 3<sup>rd</sup> year course, Michaelmas 2007

*Formal Logic*, 3<sup>rd</sup> year revision course, Trinity 2014

*Philosophy of Mathematics*, 3<sup>rd</sup> year course, Michaelmas 2017, 2016, 2013, 2012, 2011, 2010, 2007, 2006

*Frege: Foundations of Arithmetic*, 1<sup>st</sup> year course, Trinity 2010, 2009, 2006

## Tutorial Courses

Finals courses regularly taught: Knowledge and Reality, Philosophy of Mathematics, Philosophical Logic, Philosophy of Logic and Language, Philosophy of Science, Philosophy of Religion.

Finals courses taught in the past or occasionally taught: Formal Logic, Philosophy of Science and Philosophy of Psychology and Neuroscience, Philosophy of Mind, Intermediate Philosophy of Physics, Philosophy of Science and Social Science, The Original Authorities for the Rise of Modern Logic.

First-year courses regularly taught: General Philosophy, Introduction to Logic, Elements of Deductive Logic, Frege: Foundations of Arithmetic.

## Teaching: other

### University of Cambridge (1999–2005)

MPhil supervision: 3 MPhil essays.

Graduate Class on Epistemology. Undergraduate Lecture Courses: Set Theory ( $\times 2$ ), Modal Logic ( $\times 2$ ); Personal Identity; Philosophy of Mathematics, Structuralism ( $\times 2$ ); First and Second Order Logic; Theories.

Tutorial Courses: Hume's *Dialogues Concerning Natural Religion* (Part IA); Logic (Part IA & IB); Mathematical Logic (Part II); Metaphysics (Part IB & II); Metaphysics & Philosophy of Mind (Part IA & IB); Philosophical Logic (Part II); Philosophy of Logic and Language (Part II); Philosophy of Mind (Part IB & II); Philosophy of Science (Part IB).

### Philosophy Masterclass

Ludwig Maximilian University, Munich (15hr/3-day postgraduate class), June 2023.

## Examining

### University of Oxford

DPhil Internal Examiner: James Milford 2021, Michael Price 2015, Harvey Lederman 2014, Thomas Krödel 2007.

DPhil Confirmation or Transfer of Status Assessor: Chia-Li Ou 2023, Florent Dumont 2022, Boaz Laan 2022, Marco Grossi 2019, James Milford 2018, Carlo Nicolai 2011, Amia Srinivasan 2010, Angela Matthies 2010, Mark McBride 2010, James Studd 2009.

BPhil Exam-setter 2013, 2010, 2009, 2006 & Assessor 2006–.

MSt in Philosophy of Physics Exam-setter and/or Examiner 2014, 2011, 2010.

MMath in Mathematics & MMathPhil in Mathematics & Philosophy, Exam-setter & Assessor 2016, 2014, 2013; Part C Dissertation Assessor 2016.

MSc in Foundations of Mathematics & Computer Science, Exam-setter & Assessor 2013, Assessor 2018, 2017.

Final Honour School (FHS) & First Preliminary Examination (FPE): Assessor/Examiner/Exam-setter for various papers from 2005 to present (almost every year), incl. Chair of Examiners for Physics & Philosophy FHS 2016.

### University of Cambridge

MPhil Philosophy, External Examiner 2021–2024.

MPhil History and Philosophy of Science, Assessor 2004.

Philosophy Tripos, Assessor: Part II Philosophical Logic 2003, Part IB Logic 2002, Part IA Logic 2004.

*Birkbeck, University of London*

PhD thesis (Neil Barton) 2016; MPhilStud thesis 2015; MPhil thesis 2013.

*University College London*

PhD thesis (Josephine Salverda) 2019; MPhil theses 2018 and 2011.

*University of Birmingham*

MA by Research thesis 2018, MRes thesis 2016.

## Student Prizes and Distinctions: University

- 1999 Timothy Joyce Scholarship for best entering PhD student in Philosophy, University of Cambridge
- 1999 Research Scholarship, Trinity College, University of Cambridge
- 1999 Ranked joint first BPhil student in cohort of 18
- 1997 Ranked joint first Part II Philosophy student in cohort of 35
- 1996/95/94 Ranked in top 5% of Mathematics Parts II/IB/IA cohorts of c. 200/c. 220/c. 250 students
- 1995/94 Senior & Junior Scholarship, Trinity College, University of Cambridge
- 1995 Yeats Mathematical Essay Prize, Trinity College, University of Cambridge

## Student Prizes and Distinctions: Secondary School

- 1993 Bronze Medal, 34<sup>th</sup> International Mathematical Olympiad (UK team member)
- 1993–90 5 As at A-level (Mathematics, Further Mathematics, Physics, French, Latin)
- 1993 Top of exam board, A-level Further Mathematics; SS in STEP Further Mathematics A & B
- 1990 Distinction in S-level French
- 1993–88 Senior Scholar, St Paul's School, London; prizes in Classics & Mathematics

## Languages

English: native; French: near native; Modern Greek: fluent; Italian: fluent; Spanish: rusty fluent.

Reading only: New Testament Greek (proficient), Latin (competent), German (basic).