ALEXANDER CHRISTOPHER PASEAU

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Webpage: www.acpaseau.com

AREAS OF RESEARCH SPECIALTY

Logic, Philosophy of Mathematics, Formal Metaphysics and Epistemology

AREAS OF TEACHING COMPETENCE

General Metaphysics & Epistemology, Philosophy of Science, Philosophy of Language, Philosophy of Economics & Decision Theory, Philosophy of Religion

EMPLOYMENT

Oxford University
Associate Professor in Philosophy	2014-present
CUF Lecturer in Philosophy	2005-present
Stuart Hampshire Fellow and Tutor in Philosophy, Wadham College	2005-present

Cambridge University
Research Fellow, Jesus College	2002-5
Director of Studies in Philosophy, Queens' & Jesus Colleges	2002-4 & Autumn 2003

VISITING POSITIONS

King's College London, Visiting Senior Research Fellow	Autumn 2014
University of Sydney: Sydney Centre for the Foundations of Science, Visiting Fellow	Winter 2008

RESEARCH GRANT

Mind Association Research Fellowship	2012

HIGHER EDUCATION

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

EDITED BOOKS

2. *Philosophy of Mathematics*, 5 volumes (Routledge Major Works, scheduled publication date: January 2017).

1. *Mathematical Knowledge*, co-edited with M. Leng & M. Potter (Oxford University Press, 2007).

JOURNAL ARTICLES (28, 1 co-authored) & BOOK CHAPTERS (3)

31. 'Philosophy of the Matrix', *Philosophia Mathematica* (forthcoming).

30. 'What's the Point of Complete Rigour?', *Mind* 125 (2016), pp. 177-207.

29. 'A Measure of Inferential-Role Preservation', *Synthese* (2015), pp. tbc

28. 'Fairness and Aggregation' (with Ben Saunders), *Utilitas* 27 (2015), pp. 460-9.

27. 'Knowledge of Mathematics without Proof' (2014), *The British Journal for the Philosophy of Science* 66, pp. 775-99.

26. 'Did Frege commit a cardinal sin?', *Analysis* 75 (2015), pp. 379-86.

25. 'Six Similarity Theories of Properties', in G. Rodriguez-Pereyra & G. Guigon (eds), *Nominalism about Properties* (Routledge, 2015), pp. 95-120.

24. 'The Overgeneration Argument(s): a Succinct Refutation', *Analysis* 74 (2014), pp. 40-7.

23. 'An Exact Measure of Paradox', *Analysis* 73 (2013), pp. 17-26.

22. 'Against the Judgment-Dependence of Mathematics and Logic', *Erkenntnis* 76 (2012), pp. 23-40.

21. 'Resemblance Theories of Properties', *Philosophical Studies* 157 (2012), pp. 361-382.

20. 'Proving Induction', *Australasian Journal of Logic* 10 (2011), pp. 1-17.

19. 'Mathematical Instrumentalism, Gödel's Theorem and Inductive Evidence', *Studies in the History and Philosophy of Science* 42 (2011), pp. 140-9.

18. 'A Puzzle about Naturalism', *Metaphilosophy* 41 (2010), pp. 642-8.

17. 'Pure Second-Order Logic with Second-Order Identity', *Notre Dame Journal of Formal Logic* 51 (2010), pp. 351-360.

16. 'Proofs of the Compactness Theorem', *History and Philosophy of Logic* 31 (2010), pp. 73-98. [Corrigendum in *History and Philosophy of Logic* 32 (2011), p. 407.]

15. 'The Definitions of Ultimate Ontological Basis and the Fundamental Layer', *Philosophical Quarterly* 60 (2010), pp. 169-175.

14. 'Reducing Arithmetic to Set Theory', in Ø. Linnebo & O. Bueno (eds), *New Waves in Philosophy of Mathematics* (Palgrave Macmillan, 2009), pp. 35-55.

13. 'How to type: reply to Halbach', *Analysis* 69 (2009), pp. 280-286.

12. 'Justifying Induction Mathematically: Strategies and Functions', *Logique et Analyse* 203 (2008), pp. 263-9.

11. 'Motivating Reductionism about Sets', *Australasian Journal of Philosophy* 86 (2008), pp. 295-307.

10. 'Fitch's Argument and Typing Knowledge', *Notre Dame Journal of Formal Logic* 49 (2008), pp. 153-176.

9. 'Scientific Platonism', in M. Leng, A. Paseau & M. Potter (eds), *Mathematical Knowledge* (Oxford University Press, 2007), pp. 123-149.

8. 'Boolos 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. 379-399.

2. 'Why the Subtraction Argument Does Not Add Up', *Analysis* 62 (2002), pp. 74-76.

1. 'Should the Logic of Set Theory Be Intuitionistic?', *Proceedings of the Aristotelian Society* 101 (2001), pp. 369-378.

REVIEWS & SYMPOSIA

9. Review of *The Laws of Belief* by Wolfgang Spohn, *Mind*, forthcoming.
8. Review of *Rigor and Structure* by John Burgess, *The British Journal for the Philosophy of Science*, forthcoming.
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. 146-150.

ENCYCLOPEDIA ENTRIES

3. (with Rob Leek) 'The Compactness Theorem', in J-Y. Beziau (ed.), *Encyclopedia of Logic*/*Internet Encyclopedia of Philosophy*, forthcoming.
2. 'Naturalism in the Philosophy of Mathematics', in E.Zalta (ed.) *Stanford Encyclopedia of Philosophy* (2008- present). <plato.stanford.edu/entries/naturalism-mathematics>
1. 'Naturalised Philosophy of Mathematics', *Routledge Encyclopedia of Philosophy* (2008).

ARTICLES & REVIEW FOR A GENERAL MATHEMATICAL AUDIENCE

5. 'Letter Games: A Metamathematical Taster', *The Mathematical Gazette*, forthcoming.
4. Review of *Why is there Philosophy of Mathematics at all?* by Ian Hacking, *The Mathematical Gazette* 100, pp. 381-2.
3. Review of *L.E.J. Brouwer: Topologist, Intuitionist, Philosopher* by Dirk van Dalen *The Mathematical Gazette* 98 (2014), pp. 552-4.
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.

ARTICLE FOR A GENERAL AUDIENCE

'Mathematical Philosophy: What is a Number?', *Fuse 1* (Magazine of the National Association for Gifted Children), Summer 2009.

INTERVIEW

Interviewed by Prof. Demetra Christopoulou in *Neusis* (forthcoming).

TALKS
(by invitation unless otherwise stated)

'Capturing Consequence', *Department Colloquium,* University of Hamburg Philosophy Department, January 2017; *Senior Seminar*, Glasgow University, October 2016; *Department Colloquium,* MIT Philosophy Department, September 2016; *Philosophy of Mathematics Seminar*, Oxford University, January 2016; *Logic Seminar*, Cambridge University, January 2016; *Department Colloquium,* Munich Center for Mathematical Philosophy, April 2015.

'Mathematics, Proof and Knowledge', *Methodology, History and Theory of Science Deparment (Invited Lecture),* Athens University, April 2016.

'Structuralism in the Philosophy of Mathematics: an Overview', *Mathematics Department (Invited Lecture),* Athens University, March 2016.

'Complete Rigour', *Midwest Philosophy of Math Workshop,* University of Notre Dame, November 2015.

'What Was a Matrix? A Structuralist Look at 19th Century Algebra', *Mind Association and Aristotelian Society Joint Session*, Warwick, July 2015 (by peer review).

'Formalisation and Inferential-Role Preservation', *European Congress of Analytic Philosophy*, Bucharest, August 2014; *Mind Association and Aristotelian Society Joint Session*, Cambridge, July 2014 (both by peer review).

'Knowledge of Mathematics without Proof', *Bergen Philosophy of Science Workshop*, June 2013; *Philosophy of Science Conference*, IUC Dubrovnik, April 2013; *Heythrop Philosophy Society*, December 2012; *Foundations of Mathematics Conference*, Cambridge University, July 2012; *Philosophy of Mathematics and Logic seminar*, Oxford University, June 2012.

'Degrees of Adequate Formalisation', *Arithmetic, Structures and The Rise of Modern Logic: a Colloquium in Honour of Dan Isaacson*, Oxford, June 2013.

'Quantitative Criteria of Formalisation', *UNILOG (4th World Congress on Universal Logic)*, Rio de Janeiro, April 2013.

'Resemblance Theories of Properties', *Theoretical Work in Progress Seminar*, Oxford University, January 2013; *Nominalism: A Reassessment*, University of Geneva (Eidos), September 2012.

'What's the Point of Absolute Rigour?', *Stirling University Philosophy Department Visiting Speaker Seminar*, September 2011; *Institute of Philosophy Logic and Metaphysics Forum*, University of London, October 2010; *Philosophy Colloquium*, Warwick University, April 2010; *3rd Cambridge Graduate Conference in the Philosophy of Logic and Mathematics*, Cambridge University, January 2010 (Keynote speaker).

'Scientism', *Philosophy Society*, Oxford Brookes University, March 2010.

'The Intrinsic Value of Quantised Proof', *Two Streams in the Philosophy of Mathematics*, University of Hertfordshire, July 2009 (Keynote speaker).

'Area and Approximation', *Philosophy of Mathematics Graduate Seminar*, University of California at Irvine, April 2009; *Philosophy of Mathematics Research Seminar*, Oxford University, February 2009; *Philosophy and History of Science Seminar*, Bristol University, November 2008.

'Mathematical Instrumentalism, Non-Deductive Reasoning in Mathematics and the A Priori', *A Priori Knowledge Workshop*, Aberdeen University, April 2008.

'Hilbert, Gödel, and Non-Deductive Reasoning in Mathematics', *IP Seminar, ENS, Paris*, May 2009, *University of California at Irvine LPS Colloquium*; April 2009, *Mathematical Methods in Philosophy*, Bristol University, September 2008; *Issues in the Philosophy of Mathematics Conference*, Manchester University, March 2008; *RSS Philosophy Seminar Series*, Australian National University, March 2008; *Current Projects Seminar*, Sydney University, February 2008.

'Reducing Mathematics to Set Theory', *Departmental Seminar*, Birkbeck College School of Philosophy, May 2008; *New Waves in the Philosophy of Mathematics Conference*, Miami, April 2008.

Faculty Respondent, Graduate Philosophy Conference, *Oxford University*, responding to 'Gloppy Trope Bundles' by Dan Gilberman, November 2007.

'Can Philosophy Overrule Science?', *Undergraduate Philosophy Society*, Reading University, October 2006.

'Resemblance Nominalism', *Departmental Seminar*, Sheffield University Philosophy Department, October 2006.

'The Judgement-Independence of Mathematics and Logic', *PhilEAs Lecture Series*, University of Geneva, May 2006; *Philosophical Society,* Oxford University*, May 2006; *Philosophy of Mathematics Seminar*, Oxford University, November 2005.

'Objectivity in Mathematics and Logic', *British Logic Colloquium*, Bristol, September 2005.

'Scientific Platonism, Epistemology, and the Naturalist Argument', *Philosophy Department Lecture*, University of Wisconsin-Madison, February 2005; *Mathematical Knowledge Conference*, Cambridge University, July 2004.

'The Naturalist Argument for Platonism', *Department Colloquium*, York Philosophy Department, November 2004.

'Does Mathematics Have a Given Interpretation?', *Cambridge University Society for the Philosophy of Mathematics and Mathematical Sciences*, December 2003; *Logic Seminar*, Cambridge University, May 2003.

'Methodological Reflections on Philosophy of Mathematics', *Research Seminar in the Philosophy of Natural Science*, London School of Economics, November 2003.

'Philosophy as Systematic Synthesis: The Notion of a Total Belief System', *21st World Congress of Philosophy*, Istanbul, August 2003 (by peer review).

'The Authority of Philosophy', *Philosophy Department Lecture*, UC Berkeley, January 2003; *Philosophy Graduate Seminar*, Cambridge University, October 2002.

'Against Descriptive Fictionalism', *Logic Seminar*, Cambridge University, November 2002.

'The Default Construal of Mathematics', *Moral Sciences Club*, Cambridge University, February 2002.

'The Platonism of Mathematics', *Ockham Society*, Oxford University, February 2002.

'Should the Logic of Set Theory Be Intuitionistic?', *Mind Association and Aristotelian Society Joint Session*, Sheffield, July 2000 (by peer review); *Philosophy of Mathematics Workshop*, Cambridge University, March 2000.

'The Intuitionistic Acceptability of Brouwer's Theorems in Topology', *Authorities for the Rise of Modern Logic Graduate Seminar*, Oxford University, June 1998.

GENERAL AUDIENCE TALKS

'Does the number 4 exist like the North Sea exists?', Big Ideas Pub Philosophy (The Wheasheaf, London), June 2013.

'What is a Number?' and 'Gödel's Incompleteness Theorems', at *An Introduction to the Philosophy of Mathematics* weekend seminar, Oxford Institute for Continuing Education, February 2011.

Talks in secondary schools introducing topics in logic and the philosophy of mathematics (2011, 2007, 2002).

PROFESSIONAL SERVICE

Philosophy Faculty, Oxford University

Mathematics & Philosophy Joint Consultative Committee, Member (2005-2014); Mathematics & Philosophy Undergraduate Admissions Coordinator (2006); Graduate Teaching Co-Ordinator (2008-2011), Graduate Studies Committee, Member (2008-2011); Undergraduate Studies Committee, Member (2013-2014); Faculty Mentor to: Dr Jim Grant, Dr Josh Parsons, Dr James Studd, Prof. Paul Elbourne; Job candidate mock interviewer (2015).

Wadham College, Oxford University

Law Fellowship by Special Election Appointment Committee (2016); Blavatnik School of Government University Lecturer Appointment Committee (2013); Philosophy CUF Lectureship Appointment Committee (2012-3, 2006-7); Philosophy Stipendiary Lectureship Appointment Committee (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-, 2006-9); Liaison Committee (2007-9); Academic Policy Committee (2009-2011); Secretary to Governing Body (2012-2014).

Conference Organisation

Philosophy of Mathematics Conference, 22 June 2015, Philosophy Faculty, Oxford University. Sole organiser, secured funding from Lisa & Maury Friedman foundation.

Arithmetic, Structures and The Rise of Modern Logic: a Colloquium in Honour of Dan Isaacson, 15 June 2013, Philosophy Faculty, Oxford University. Joint organiser: suggested conference themes, invited speakers.

Philosophy of Mathematics workshop, 25 June 2012, Wadham College, Oxford University. Sole organiser, secured funding from Lisa & Maury Friedman foundation.

Mathematical Knowledge, an international interdisciplinary conference, 30 June-2 July 2004, Cambridge University. Joint organiser: suggested conference theme, drew up budget, secured funding from Jesus College Humanities and Science Project, jointly responsible for advertising & inviting speakers.

Seminar & Reading Group Organisation (Philosophy Faculty, Oxford University)

Philosophy of Mathematics Seminar, Co-organiser 2015-6.

Descriptive Set Theory Reading Group (on Alexander Kechris' *Classical Descriptive Set Theory*). Founder and main convenor. June 2016 -

Set Theory Reading Group (on Ken Kunen's *Set Theory*). Founder and main convenor. Trinity 2014 to Trinity 2015 inclusive.

Peer Review
Associate Editor, *MIND*: September 2015-present (responsible for c. 50 submissions pa).

Member, AHRC Peer Review College, 2012-5.

Book Proposals: Oxford University Press (3); Routledge (2); Cambridge University Press; Polity.

Book Manuscripts: Princeton University Press; Blackwell; Oxford University Press; Cambridge University Press.
Chapters in Edited Book: Springer.

Journal Articles [other than as Associate Editor of *MIND*]: *Philosophers' Imprint* (2); *Studies in the History and Philosophy of Science*; *Dialectica* (3); *Erkenntnis* (2), *British Journal for the Philosophy of Science* (5); *MIND* (9); *Noûs*; *Philosophical Quarterly* (4); *Philosophy and Phenomenological Research*; *Journal of Philosophical Logic*; *Theoria*; *Inquiry* (2); *Synthese* (8); *Philosophia Mathematica* (14); *Pacific Philosophical Quarterly*; *Australasian Journal of Philosophy* (5); *Bulletin of Symbolic Logic* (2); *Philosophical Studies*; *Australasian Journal of Logic*; *Review of Symbolic Logic*; *International Studies in the Philosophy of Science*; *The Southern Journal of Philosophy* (2); *Disputatio*; *European Journal of Philosophy*; *Logique et Analyse* (2); *The Mathematical Gazette* (3); *European Journal for the Philosophy of Science; American Philosophical Quarterly*, *Analysis.*

Grant Proposals: National Research Foundation (RSA), Economic and Social Research Council
JRF Applications: Magdalene, Christ's, Gonville & Caius, Corpus Christi, Emmanuel (all Cambridge); Merton, St John's, Christ Church, Magdalen (all Oxford).

Outreach, Oxford University
Mathematics & Philosophy course 10-minute film (2013-):
> http://www.ox.ac.uk/admissions/undergraduate/courses-listing/mathematics-and-philosophy

External Subject Specialist on Lectureship/Fellowship Committees
Fixed-Term Tutorial Fellowship, Worcester College, Oxford University (2015).

Philosophy of Mathematics Lectureship, Warwick University (2008).

TEACHING

Oxford University (2005-)
DPhil Supervision (as primary supervisor)
2. Robert Schwartzkopff; DPhil 2015. Now Department Member, Philosophy Faculty, Hamburg University.
1. James Studd; DPhil 2012. Now University Lecturer in the Philosophy of Mathematics, Oxford University, and
> fellow of Lady Margaret Hall.

BPhil/MSt/MMath/MMatPhil supervision
Regularly supervise B.Phil Philosophy & M.St. Philosophy of Physics students. Areas: Philosophy of
> Mathematics; Philosophical Logic and Philosophy of Language; Frege; Authorities for the Rise of
> Modern Logic; Decision Theory.
Supervisor of BPhil Dissertation 2017; supervisor of MMath Dissertation, 2016 (Part C Gibbs Prize for best
> Dissertation); co-supervisor of MMathPhil Dissertation, 2014.

Lectures/Seminars
Gödel's Incompleteness Theorems, Mathematics 4th year/MSc course, Hilary 2016, 2014, 2013.
Elements of Deductive Logic, 1st year course, Hilary 2017, 2016.
Logical Consequence, BPhil class (co-taught with Owen Griffiths), Hilary 2017; 3rd year course, Hilary 2011.
Philosophy of Logic, BPhil class, Trinity 2010.

Logic Toolkit, Graduate course (DPhil, BPhil, MSt), Trinity 2009.
Bayesian Epistemology, 3rd year course, Michaelmas 2007.
Formal Logic, 3rd year revision course, Trinity 2014.
Philosophy of Mathematics, 3rd year course, Michaelmas 2016, 2013, 2012, 2011 2010, 2007, 2006.
Frege: Foundations of Arithmetic, 1st 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,
Finals course occasionally taught: Philosophy of Science and Social Science; The Original Authorities for the
    Rise of Modern Logic.
Finals courses taught in the past: Formal Logic (paper discontinued in 2014), Philosophy of Science and
    Philosophy of Psychology and Neuroscience (paper discontinued in 2012), Philosophy of Religion,
    Philosophy of Mind, Intermediate Philosophy of Physics.
First-year courses regularly taught: General Philosophy, Introduction to Logic, Elements of Deductive Logic,
    Frege: *Foundations of Arithmetic*.

Cambridge University (1999-2005)
MPhil Graduate supervision
Metaphysics, Philosophy of Logic, Philosophy of Mathematics MPhil essays.

Lecture Courses
Graduate: Graduate Seminar in Epistemology (Michaelmas 2004); *Undergraduate:* Set Theory (Lent 2005, Michaelmas 2002), Modal Logic (Michaelmas 2004, Michaelmas 2003); Personal Identity (Easter 2004); Philosophy of Mathematics, Structuralism (Lent 2004, Lent 2003); First and Second Order Logic (Michaelmas 2003); Theories (Lent 2002).

Tutorial Courses (Undergraduate)
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).

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EXAMINING

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Oxford University
DPhil Examiner: Michael Price (Dec 2015); Harvey Lederman (Aug 2014); Thomas Kroedel (Apr 2007).
DPhil Confirmation of Status or Transfer of Status Assessor: Carlo Nicolai (Sep 2011); Amia Srinivasan (Aug
    2010); Angela Matthies (Apr 2010); Mark McBride (Jan 2010); James Studd (Sep 2009).
BPhil Exam-setter (2013, 2010, 2009, 2009, 2006; exam format discontinued 2013) & 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).
Final Honour School (FHS) & First Preliminary Examination (FPE) examining: Regular assessor/examiner/exam-
    setter for various FHS/FPE papers.
Chair of Examiners for Physics & Philosophy FHS: 2017, 2016.

Cambridge University
History and Philosophy of Science MPhil Essay Examiner (2004); Philosophy Tripos assessor: Part II
Philosophical Logic (2003), Part IB Logic (2002), Part IA Logic (2004)

Birkbeck, University of London
External PhD Examiner: Neil Barton (2016).
External Examiner for MPhilStud thesis (2015) & MPhil thesis (2013)

University College London
External Examiner for MPhil thesis (2011)

University of Birmingham
External Examiner for MRes thesis (2016)

STUDENT AWARDS, PRIZES AND DISTINCTIONS

Trinity College Rouse Ball Travelling Studentship & AHRB (now AHRC) Overseas Visit Award	2001
Timothy Joyce Scholarship for best entering PhD student in Philosophy, Cambridge University	1999
Trinity College Research Scholarship and Internal Graduate Studentship	1999
Joint best BPhil marks/Joint best Part II Philosophy marks/Top 5% of Mathematics Parts IA/IB/II	1999/97/96-4
British Academy & AHRB (both now AHRC) Postgraduate Studentships, Competitions A & B	1997-2001
Trinity College Senior Scholarship, Yeats Mathematical Essay Prize, Junior Scholarship	1995/95/94
Bronze Medal, 34th International Mathematical Olympiad (UK team member)	1993
5 As at A-level, top of exam board for Further Mathematics; SS in STEP Further Mathematics; Distinction in S-level French; Senior Scholar, St Paul's School, London.	1993-1990

LANGUAGES

English: native.
French: native.
Greek: native.
Italian: fluent reading; excellent writing & speaking.
Spanish: excellent reading; intermediate speaking & writing.
German: intermediate reading; basic speaking.
Latin: proficient reading.
Ancient Greek (especially Koine): proficient reading.
Turkish: basic reading & speaking.