Andrew Bacon

Department of Philosophy, University of Southern California
3709 Trousdale Parkway, Los Angeles, CA 90089
✉ *abacon@usc.edu*
https://andrew-bacon.github.io/

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Employment

2023–present	**Full Professor**, University of Southern California
2018–2023	**Associate Professor**, University of Southern California
2013–2018	**Assistant Professor**, University of Southern California
2010–2012	**Prize Fellow by Examination**, *Magdalen College*, Oxford University

Education

2009–2012	**DPhil**, *Oxford University*, Supervised under Cian Dorr (primary) and Timothy Williamson
	Indeterminacy: An Investigation Into The Soritical And Semantical Paradoxes
2007–2009	**BPhil**, *Oxford University*, *Distinction*
	Philosophy
2003–2007	**MMathPhil**, *Oxford University*, *First class*
	Maths and Philosophy

Areas of specialisation

- Philosophical Logic, Metaphysics, Language, Epistemology

Prizes and honours

- Awarded the 2016 Sanders Prize in Metaphysics for the article 'Relative Locations'. $10,000 awarded annually to a scholar no more than 15 years from their PhD.
- Article 'Stalnaker's Thesis in Context' selected for the Philosopher's Annual 2015 (selection of the ten best articles each year).
- Article 'Quantificational Logic and Empty Names' selected for the Philosopher's Annual 2013 (selection of the ten best articles each year).
- American Philosophical Association Article Prize (for the article 'Quantificational Logic and Empty Names'). $2000 awarded best article published between 2012 and 2013 by a scholar under 40 or within 10 years of recieving their PhD.
- Prize Fellow by Examination, Magdalen College. 2010.
- Gilbert Ryle Prize for best overall performance in BPhil examinations, 2009. £500.
- John Locke Prize in Mental Philosophy, 2008. £500 awarded by six hour exam.
- Wykeham Scholarship at New College, Oxford University. 2007-2011

Books

- *Vagueness and Thought*. Oxford University Press (May 2018).
- *A Philosophical Introduction to Higher-order Logics*. Routledge (September 2023).
- *Minimal Foundations: A Humean Account of Fundamentality*. In progress.

Publications

- The Algebra of Logical Atomism. (with Peter Fritz). *Journal of Philosophical Logic*. Forthcoming.
- Zermelian Extensibility. *Philosophical and Phenomenological Research*. Forthcoming
- Could the truths of mathematics have been different?. *Philosophical Review*. Forthcoming
- Logical Necessity. (with Kit Fine). For *The Oxford Handbook of Philosophy of Logic*. Forthcoming
- Mathematical Modality: A higher-order investigation. *Journal of Philosophical Logic*. Forthcoming
- A Theory of Structured Propositions. *Philosophical Review*. Forthcoming
- A Case for Higher-Order Metaphysics. For *Higher-order Metaphysics*. Eds. Peter Fritz and Nicholas Jones. Forthcoming
- Actual Value in Decision Theory. *Analysis*. Forthcoming
- Classicism. (With Cian Dorr) For *Higher-order Metaphysics*. Eds. Peter Fritz and Nicholas Jones.
- A Theory of Necessities. (with Jin Zeng.) *Journal of Philosophical Logic*. volume 51, pp.151-199 (2022).
- The Logic of Logical Necessity. (with Kit Fine). *Saul Kripke on Modal Logic* (eds. Romina Padro and Yale Weiss). Forthcoming.
- Against Disquotation. (with Jeremy Goodman). *Australasian Journal of Philosophy*. 100:4, 711-726 (2022)
- Vagueness at Every Order. *Proceedings of the Aristotelian Society*. Volume 120, Issue 2, July 2020, Pages 165-201.
- Logical Combinatorialism. *Philosophical Review*. 129 (4): 537-589 (2022).
- Opacity and Paradox. In *Modes of Truth: The unified approach to truth, modality, and paradox*. Carlo Nicolai and Johannes Stern (eds). Routledge (2021)**
- Counterfactuals, Infinity and Paradox. In *Outstanding Contributions to Logic: Kit Fine*. Federico Faroldi and Frederik Van de Putte (eds).
- Substitution Structures. *Journal of Philosophical Logic*. 48, pages 1017-1075 (2019).
- Inductive Knowledge. *Nous*. 54 (2): 354-388 (2020).
- Some results on the limits of thought. (with Gabriel Uzquiano). *Journal of Philosophical Logic*, 47(6), 991-999.
- Is Reality Fundamentally Qualitative?. *Philosophical Studies*. 176 (1): 259-295. 2019.
- The Logic of Opacity. (with Jeff Russell). *Philosophical and Phenomenological Research*. 99 (1):81-114 (2019).
- The Broadest Necessity. *Journal of Philosophical Logic*. Volume 47, issue 5:733-783 2018.
- Radical Anti-Disquotationalism. *Philosophical Perspectives*. Philosophical Perspectives. (2018).*
- Relative Locations. *Oxford Studies in Metaphysics*. Volume 11, 2018.
- Tense and relativity. *Nous*. Volume52, Issue 3. September 2018. Pages 667-696.
- Higher-Order Free Logic and the Prior-Kaplan Paradox. (with John Hawthorne and Gabriel Uzquiano). Williamson on Modality. Special volume of *the Canadian Journal of Philosophy*, Routledge. 2017. Eds. Yli-Vakkuri, J. and McCullagh, M.*

- ○ Scharp on Replacing Truth. *Inquiry*. Volume 50, 2017 - Issue 6.*
- ○ Can The Classical Logician Avoid The Revenge Paradoxes? *Philosophical Review*. July 2015, Volume 124, Number 3: 299-352.
- ○ Stalnaker's Thesis in Context. *The Review of Symbolic Logic*. March 2015, Volume 8, Number 1, pp131-163.
- ○ Paradoxes of Logical Equivalence and Identity. *Topoi*. April 2015, Volume 34, Issue 1, pp 89-98.**
- ○ Giving Your Knowledge Half a Chance. *Philosophical Studies*. November 2014, Volume 171, Issue 2, pp 373-397.
- ○ Representing Counterparts. *The Australasian Journal of Logic*. Vol 11, Number 2, November 2014.
- ○ Quantificational Logic and Empty Names. *Philosophers' Imprint*. Volume 13, Number 24, December 2013.
- ○ A New Conditional for Naïve Truth Theory. *Notre Dame Journal of Formal Logic*. Volume 54, Number 1 (2013), 87-104.
- ○ Curry's Paradox and Omega-inconsistency. *Studia Logica*. Volume 101, Issue 1, February 2013, pp 1-9.
- ○ Non-classical Metatheory for Non-classical Logics. *Journal of Philosophical Logic*. April 2013, Volume 42, Issue 2, pp 335-355.
- ○ Non-wellfounded Mereology. (with Aaron J. Cotnoir) *The Review of Symbolic Logic*. Volume 5, Issue 02, June 2012, pp 187-204.
- ○ A Paradox for Supertask Decision Makers. *Philosophical Studies*: Volume 153, Issue 2 (2011), Page 307.
  (Standard peer review, unless otherwise indicated. *=invited contribution. **=invited and refereed.)

Papers in Progress

- ○ Could the truths of mathematics have been different?
- ○ Zermelian Extensibility (Under review)
- ○ Counterfactuals in Thought
- ○ What is the Logic of Conditionals?
- ○ The Logic of Logical Atomism (with Peter Fritz)
- ○ The Algebra of Logical Atomism (with Peter Fritz)

Talks

2023 **Higher-order metaphysics workshop**, *July*, Oxford, Invited
TBA

2023 **Philosophy of Mathematics Seminar, Oxford University**, *June*, Oxford, Invited
Zermelian Extensibility

2023 **TimFest**, *July*, Oxford, Invited
Classicism, Weak Classicism, and Necessitism (with Cian Dorr)

2023 **American Philosophical Association**, *March*, San Francisco, Invited
Could possibility be indefinitely extensible?

2022 **University of Southern California**, *June*, Los Angeles, Invited
Higher-order modal metaphysics and the continuum hypothesis

2022 **American Philosophical Association**, *March*, Vancouver, Invited
Modal Logicism

2022 **American Philosophical Association**, *March*, Vancouver, Invited
Commentator on Kit Fine's 'Vagueness: A Global Approach'

2022 **University of Texas, Austin**, *March*, Austin, Invited
A Theory of Structured Propositions

2021 **University of Bristol**, *October*, Bristol (by zoom), Invited
Counterfactuals in Thought

2021 **Munich Center for Mathematical Philosophy**, *December*, Munich (by zoom), Invited
Counterfactuals in Thought

2021 **American Philosophical Association, Pacific**, *April*, By zoom, Invited

2021 **American Philosophical Association, Estern**, *January*, By zoom, Invited
Fundamentality: A Logical Framework

2020 **Princeton Talks on Epistemology and Metaphysics**, *March*, Princeton University, Invited
Vagueness at Every Order

2020 **Aristotelian Society**, *16th March*, Invited
Vagueness at Every Order

2019 **University of Chapel Hill**, *September*, Invited
Commentary on Kit Fine's truthmaker semantics for counterfactuals

2019 **Kings College Masterclass**, *May*, Kings College London, Invited
Masterclass on Higher-order Metaphysics

2018 **New York University**, *November 16th*, New York, Invited
Radical Anti-Disquotationalism

2018 **Semantic Paradox and Revenge**, *June 27th-29th*, Salzburg, Invited
Propositional granularity and the logical paradoxes

2018 **Mini-workshop on Vagueness and Modality**, *June 25th*, Humboldt University, Invited
Logical Combinatorialism

2018 **Princeton Talks on Epistemology and Metaphysics**, *April 21*, Princeton University, Invited
Inductive Knowlege

2017 **Symposium on Sarah Moss's 'Probabilistic Knowledge'**, *August 16th - 18th*, Hamburg, Invited
'Expressivist Approaches to Indicative Conditionals'

2017 **Jowette Society**, *May 19th*, University of Oxford, Invited
'The Broadest Necessity'

2017 **Metaphysics on the Mountain**, *March 13th-17th*, Sun Valley, Idaho, Invited
'Is Reality Fundamentally Qualitative?'

2016 **Workshop on Higher-Order Metaphysics**, *June 5th*, Oslo, Submitted
'The Logic of Opacity' (with Jeff Russell)

2016 **Meaning Sciences Club**, *March 12-13*, UC Berkeley, Invited
On the Semantics of Indicatives

2015 **Williamson in Montreal**, *April 22nd-25th*, A workshop for the contributors to Williamson on Modality, Invited
'Higher Order Free Logic and the Prior-Kaplan Paradox'

2015 **Symposium on Vagueness and Belief**, *February 21st*, APA Central Division Meeting, Invited
'Vagueness and Evidence'

2014 **M&E Group Speaker Series at the University of Toronto**, *November 13th*, University of Toronto, Invited Talk
'Relative Locations'

2014 **MIT Colloquium 2014**, *September 26th*, Massachusetts Institute of Technology, Invited Talk
'Stalnaker's Thesis in Context'

2014 **Formal Epistemology Workshop 2014**, *June 20-22*, University of Southern California, Accepted Talk
'Stalnaker's Thesis in Context'

2014 **Meaning and Modality**, *June 2-4*, Center for the Study of Mind in Nature, University of Oslo, Invited Talk
'Vagueness, Possible Worlds and Precisifications'

2013 **BW8 Conditionals**, *June 26-28*, University of Barcelona, Accepted talk
'In defence of a naïve conditional epistemology'

2013 **UC Irvine Colloquium**, *January 25*, University of California, Irvine, Invited talk
'In defence of a naïve conditional epistemology'

2012 **The Philosophy of Mathematics Seminar**, *May 1*, Oxford, Invited talk
'A general approach to revenge paradoxes'

2012 **Axiomatic vs. Semantic Truth**, *March 14-16* , Munich, Accepted talk
'A general approach to revenge paradoxes'

2011 **Mind, Language and Action**, *August 29 - September 2*, Dubrovnik, Invited speaker
'A non-linguistic account of indeterminacy'

2010 **Workshop on Vagueness and Metaphysics, III**, *September 16-17*, Barcelona, Invited speaker
'Vagueness at every order: the prospects of denying B'

2009 **Workshop on Truth and Probability**, *September 22*, Bristol, Invited speaker
'Higher order indeterminacy and the revenge liar'

2009 **Ockham Society**, *February 24*, Oxford
'What to do when the world splits in two'

2008 **Ockham Society**, *November*, Oxford
'A really weird puzzle involving: a coin, a backwards supertask, and the axiom of choice'

2008 **Oxford/Paris Workshop on Language and Ontology**, *June 26th–28th*, Paris, Invited speaker
'Representing Counterparts'

Teaching

Undergraduate teaching

PHIL 350 **Symbolic Logic**, *Fall 2018, Spring 2020, Fall 2020, Spring 2022, Spring 2023, Spring 2024*

PHIL 236 **Space and Time**, *Fall 2018, Spring 2020, Spring 2023, Spring 2024*

PHIL 450	**The Limits of Logic**, *Spring 2018, Spring 2021*
PHIL 120	**Introduction to Formal Logic**, *Spring 2016, Fall 2016*
ARLT 100	**Philosophical Paradoxes**, *Spring 2013, Fall 2013*
PHIL 460	**Metaphysics**, *Fall 2013, Spring 2015*
PHIL 465	**Philosophy of Language**, *Spring 2022*
PHIL 351	**Reasoning and Logic**, *Fall 2014*
PHIL 428	**Anglo-American Philosophy Since 1950**, *Fall 2013*

Graduate seminars

PHIL 570	**Seminar in Epistemology**, *Spring 2014*
PHIL 565	**Philosophy of Language**, *Spring 2015, Fall 2015*
PHIL 510	**Philosophical Logic**, *Fall 2019, Fall 2020, Fall 2022*
PHIL 551	**Philosophy of Logic**, *Spring 2016, Fall 2016, Fall 2020*

Supervision

Undergraduate theses	Nathan Johnstone (with Gabriel Uzquiano), Qilin Ye (mathematics)
First year mentorship	Eliana Rabinowiz, Philip Li, Jin Zeng, Milana Kostic, Yudi Huang, Arthur Wu
Qualifying exams	Greg Ackerman, Keith Hall, Maegan Fairchild, Nathan Howard, Frank Hong, Zach Goodsell
Area exams	Maegan Fairchild, Jonathan Wright, Lee Killam, Douglas Wadle, Frank Hong, Brian Haas, Zach Goodsell, Kin Weng San, Yasha Sapir, Antonio Cleani, Milana Kostic, Jin Zeng
Second year papers	Zach Goodsell, Yasha Sapir, Antonio Cleani, Jin Zeng, Milana Kostic, Yudi Huang, Arthur Wu
Dissertation committees	Keith Hall, Jonathan Wright, Maegan Fairchild, Frank Hong (chair), Zach Goodsell (co-chair), Elif Uskuplu (mathematics, external member)

Service at USC

- Graduate placement:
- Hiring committee: 2013, 2014, 2016, 2017
- Graduate curriculum committee: 2013
- Graduate admissions:2014, 2015, 2018, 2021, 2022
- Graduate committee:2014, 2015, 2016
- Colloquium committee: 2014-2017 (chair), 2018-2023
- Peer teaching evaluation: 2022
- PPQ editorial committee: 2016, 2019
- Graduate recruitment: 2021
- Faculty review: 2019
- Third year review committee: 2019
- Helped draft statements for faculty going up for promotion: 2021
- Co-organized the 4th SoCal PhilMath, PhilLogic and FoM Workshop
- First year graduate student mentoring: Eliana Rabinowicz, Frank Hong, Philip Li, Jin Zeng

○ Metaphysics subject co-editor, Pacific Philosophical Quarterly, 2016-2017

○ Post-doc mentoring: Leif Hancox-Li

(Dates refer to the start of the academic year of the service.)

Other Professional activities

○ Editor for the Review of Symbolic Logic (January 2018-21)

○ Reviewer for Mind, Nous, The Journal of Philosophical Logic, Philosophers' Imprint, Philosophical Studies, Philosophia, The Notre Dame Journal of Formal Logic, Pacific Philosophical Quarterly, Res Philosophica, Review of Symbolic Logic, Analysis, Thought, Studia Logica, Topoi, Ratio, Inquiry, Synthese, Logique et Analyse and Erkenntnis. Reviewed books for: Oxford University Press

○ Formal Epistemology Workshop Programme Committee 2016 and 2018