

# DAVID BUILES

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MIT Department of Linguistics and Philosophy  
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## AREAS OF SPECIALIZATION

Metaphysics · Epistemology · Philosophy of Science

## AREAS OF COMPETENCE

Logic and Philosophy of Mathematics · Philosophy of Mind · Philosophy of Physics

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## EDUCATION

Ph.D. in Philosophy, Massachusetts Institute of Technology 2016 – 2020  
Minor: Mathematical Logic  
Dissertation: *The Empirical Relevance of Metaphysics*  
Committee: Brad Skow (Chair), Roger White, Miriam Schoenfield, Jack Spencer

B.A. in Philosophy & B.S. in Mathematics, Duke University 2012 – 2016  
*Summa Cum Laude*  
Thesis: *Large Cardinals and Mathematical Truth*

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## PUBLICATIONS

1. ‘Derivatives and Consciousness’ (Forthcoming). *Journal of Consciousness Studies*.
  2. ‘A Puzzle About Rates of Change’ (Forthcoming). *Philosophical Studies* (with Trevor Teitel).
  3. ‘Time-Slice Rationality and Self-Locating Belief’ (Forthcoming). *Philosophical Studies*.
  4. ‘A Paradox of Evidential Equivalence’ (Forthcoming). *Mind*.
  5. ‘Pluralism and the Problem of Purity’ (2019). *Analysis* 79 (3): 394–402.
  6. ‘Self-Locating Evidence and the Metaphysics of Time’ (2019). *Philosophy and Phenomenological Research* 99 (2): 478–490.
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## UNDERGOING REVISIONS

1. ‘How (Not) to Justify Chance-Credence Norms’ (Revise and Resubmit). *Journal of Philosophy* (with Jack Spencer).

## AWARDS

MIT Graduate Student Council Travel Grant, 2018.

MIT Presidential Fellowship, 2016.

Mellon Mays Undergraduate Fellow, 2014-2016.

Angier B. Duke Memorial Scholarship, 2012-2016.  
(Full Merit Scholarship to attend Duke University)

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## PRESENTATIONS

Derivatives and Consciousness

The Philosophy of Time Society at the Eastern APA, Philadelphia, January 2020.

Time-Slice Rationality and Self-Locating Belief

Probability in Philosophy Workshop, The Australian Catholic University, November 2019.

Dilating and Contracting Arbitrarily (with Miriam Schoenfield and Sophie Horowitz)

Bounded Rationality Workshop, Harvard University, October 2019.

How (Not) to Justify Chance-Credence Norms (with Jack Spencer)

History and Philosophy of Science Conference, University of Colorado, October 2018.

A Non-Humean Approach to Grounding

Eastern APA (Symposium), New York, January 2019.

A Humean Non-Humeanism

Society for the Metaphysics of Science at the Pacific APA, Vancouver, April 2019.

The Metaphysical Consequences of Indefinite Extensibility

The Australasian Association of Philosophy, Wellington, July 2018.

Pluralism and the Problem of Purity

Syracuse Philosophy Graduate Conference, April 2018.

UT Austin Philosophy Graduate Conference, March 2018.

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## TEACHING

### TEACHING ASSISTANT

Problems of Philosophy (Hare), Fall 2018.

Paradox and Infinity (Rayo), Fall 2017.

### GUEST LECTURER

‘A Paradox of Evidential Equivalence’, Foundations of Probability (White), Spring 2017.

‘The Problem of Induction’, Theory of Knowledge (Schoenfield), Spring 2019.

## PEDAGOGICAL TRAINING

MIT Teaching Workshop, Fall 2019.

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## GRADUATE COURSEWORK

(\* = audit)

### METAPHYSICS AND EPISTEMOLOGY

\*Topics in Metaphysics (Skow and Spencer; MIT), Fall 2018.

\*Norms of Credences (White and Schoenfield; MIT), Spring 2019.

Topics in Theory of Knowledge (White; MIT), Fall 2016.

Meta-Ontology (Van Inwagen; Duke University), Spring 2016.

Free Will (Van Inwagen and Sinnott-Armstrong; Duke University), Spring 2013.

Kripke (Van Inwagen; Duke University), Spring 2014.

David Lewis (Bernstein; Duke University), Spring 2013.

Metaphysics of Possibility (Bernstein; Duke University), Fall 2012.

### SCIENCE, MATHEMATICS, AND LOGIC

Philosophy of Model Theory (McGee; MIT), Fall 2018.

History of Foundations of Physics (Skow; MIT), Fall 2018.

Topics in Set Theory: Ultimate-L (Woodin; Harvard), Spring 2016.

Explanation (Skow and Hall; MIT and Harvard), Spring 2017.

Topics in Philosophical Logic (McGee; MIT), Spring 2017.

Modal Logic (McGee; MIT), Fall 2016.

Non-Classical Logics (Russell; UNC), Spring 2016.

Philosophy of Mathematics (Lange; UNC), Fall 2015.

Functional Analysis (Lu; Duke), Fall 2015.

Complex Analysis (Ng; Duke), Spring 2015.

Real Analysis (Lu; Duke), Fall 2014.

Algebraic Topology (Saper; Duke), Spring 2014.

General Relativity (Aspinwall; Duke), Fall 2013.

Philosophy of Science (Lange; UNC), Spring 2013.

Differential Geometry (Bryant; Duke), Spring 2013.

### PHILOSOPHY OF MIND

\*Intentionality and Consciousness (Green; MIT), Fall 2019.

\*Perception (Byrne and Green; MIT), Spring 2018.

Early Modern Theories of Perception (Byrne; MIT), Spring 2019.

## OTHER

Proseminar II (Hare, Skow; MIT), Spring 2017.

Proseminar I (White, Yablo; MIT), Fall 2016.

Expressivism in Philosophy (Fitelson and Spencer; MIT), Fall 2016.

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## SERVICE

Co-organizer of the MIT Colloquium Series, Fall 2019 – Spring 2020, Fall 2017 – Spring 2018.

MIT Conference Czar, Summer 2019 – Spring 2020.

Co-organizer of the MIT Graduate Workshop, Fall 2018 – Spring 2019.

Co-organizer of the MIT Metaphysics & Mind Reading Group, Fall 2017 – Spring 2019.

Co-organizer of The Harvard/MIT Graduate Conference, Spring 2017.

Referee for: *Mind*, *Pacific Philosophical Quarterly*.

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## OTHER EDUCATIONAL EXPERIENCES

Visiting Student, ANU, June – July 2018.

Metaphysical Mayhem, Rutgers University, May 2018.

Summer School in Ontology and Meta-ontology, CEU, July 2017.

Summer School in Set Theory, UCLA, July – August 2014.

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## LANGUAGES

English (native) • Spanish (native)

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## REFERENCES

Bradford Skow (chair)

Laurance S. Rockefeller Professor, Department of Linguistics and Philosophy, MIT  
bskow@mit.edu

Roger White

Professor, Department of Linguistics and Philosophy, MIT  
rog@mit.edu

Miriam Schoenfield

Associate Professor, Department of Linguistics and Philosophy, MIT  
mschoenfieldphil@gmail.com

Jack Spencer

Associate Professor, Department of Linguistics and Philosophy, MIT  
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Caspar Hare (teaching)

Professor, Department of Linguistics and Philosophy, MIT  
casparh@mit.edu