

Thomas William Barrett

Department of Philosophy
New York University

appointments

UC SANTA BARBARA
Assistant Professor of Philosophy, beginning Fall 2018.

NEW YORK UNIVERSITY
Bersoff Faculty Fellow, 2017–18.

education

PRINCETON UNIVERSITY
Ph.D. in Philosophy. September 2017.
Dissertation: “On the Structure and Equivalence of Theories”, advised by Hans Halvorson.

UC SAN DIEGO
B.A. in Philosophy and B.S. in Mathematics. June 2012.
Magna cum laude and honors with highest distinction in Philosophy.

specialization

Philosophy of physics, philosophy of science, logic.

competence

History of analytic philosophy, philosophy of mathematics.

papers

“On the Structure of Classical Mechanics”. *The British Journal for the Philosophy of Science*. 66 (4): 801–828 (2015).

“Spacetime Structure”. *Studies in History and Philosophy of Modern Physics*. 51: 37–43 (2015).

“On Einstein Algebras and Relativistic Spacetimes” (with Sarita Rosenstock and Jim Weatherall). *Studies in History and Philosophy of Modern Physics*. 52: 309–316 (2015).

“Glymour and Quine on Theoretical Equivalence” (with Hans Halvorson). *The Journal of Philosophical Logic*. 45 (5): 467–483 (2016).

“Morita Equivalence” (with Hans Halvorson). *The Review of Symbolic Logic*. 9 (3): 556–582 (2016).

“Quine’s Conjecture on Many-Sorted Logic” (with Hans Halvorson). Forthcoming in *Synthese*. DOI: 10.1007/s11229-016-1107-z

“From Geometry to Conceptual Relativity” (with Hans Halvorson). Forthcoming in *Erkenntnis*.

in progress

“Equivalent and Inequivalent Formulations of Classical Mechanics”. In submission.

“What Do Symmetries Tell Us About Structure?” Draft available on request.

“Property, Structure, and Stuff”.

fellowships and awards

Harold W. Dodds Honorary Fellowship, 2016–2017.

NSF Graduate Research Fellowship, 2012–2017.

Robert K. Clifton Memorial Prize, awarded for “On the Structure of Classical Mechanics”. University of Western Ontario. 2013.

Eric Paul Allison Memorial Prize Fellowship. UC San Diego Department of Philosophy. 2012.

talks

(*=*invited*)

2017

“What Do Symmetries Tell Us About Structure?” Symposium at the Meeting of the American Philosophical Association, Pacific Division. Seattle, Washington. April 2017.

“Equivalent and Inequivalent Formulations of Classical Mechanics”. California Institute of Technology. Division of Humanities and Social Sciences. February 2017.*

“Equivalent and Inequivalent Formulations of Classical Mechanics”. University of California, Los Angeles. Department of Philosophy. January 2017.*

“Equivalent and Inequivalent Formulations of Classical Mechanics”. University of California, Santa Barbara. Department of Philosophy. January 2017.*

“Equivalent and Inequivalent Formulations of Classical Mechanics”. University of Toronto. Department of Philosophy. January 2017.*

2016

“Equivalent and Inequivalent Formulations of Classical Mechanics”. Twenty-Fifth Biennial Meeting of the Philosophy of Science Association. Atlanta, Georgia. November 2016.

“Equivalent and Inequivalent Formulations of Classical Mechanics”. Workshop on Theoretical Equivalence and Theory Reduction. University of Salzburg. September 2016.*

“Equivalent and Inequivalent Formulations of Classical Mechanics”. The 18th UK and European Conference on Foundations of Physics. London School of Economics. July 2016.

“From Geometry to Conceptual Relativity” with Hans Halvorson. 44th Annual Meeting of the Society for Exact Philosophy. University of Miami. May 2016.

“Equivalent and Inequivalent Formulations of Classical Mechanics”. Irvine-Pittsburgh-Princeton Conference on the Mathematical and Conceptual Foundations of Physics. University of Pittsburgh. April 2016.

2015

“Four Criteria for Theoretical Equivalence”. Logic, Relativity and Beyond. Alfréd Rényi Institute of Mathematics, Budapest. August 2015.

“On Einstein Algebras and Relativistic Spacetimes” with Sarita Rosenstock and Jim Weatherall. Presented by Sarita Rosenstock. Logic, Relativity and Beyond. Alfréd Rényi Institute of Mathematics, Budapest. August 2015.

“Glymour and Quine on Theoretical Equivalence”. Irvine-Pittsburgh-Princeton Conference on the Mathematical and Conceptual Foundations of Physics. Princeton University. March 2015.

2014

“On Theoretical Equivalence”. Twenty-Fourth Biennial Meeting of the Philosophy of Science Association. Chicago, Illinois. November 2014.

“On Gödel and the Ideality of Time” presented for JB Manchak. Twenty-Fourth Biennial Meeting of the Philosophy of Science Association. Chicago, Illinois. November 2014.

“Spacetime Structure”. Irvine-Pittsburgh-Princeton Conference on the Mathematical and Conceptual Foundations of Physics. University of California, Irvine. March 2014.

2013

“How to Count Structure” with Hans Halvorson. Philosophy of Physics Workshop. Carnegie Mellon University. September 2013.

“On the Structure of Classical Mechanics”. The 17th UK and European Meeting on the Foundations of Physics. Ludwig-Maximilians-Universität München. July 2013.

“On the Structure of Classical Mechanics”. UWO Logic, Math, and Physics Graduate Conference. University of Western Ontario. May 2013.

“On the Scope of the PBR Result”. Irvine-Pittsburgh-Princeton Conference on the Mathematical and Conceptual Foundations of Physics. University of Pittsburgh. April 2013.

teaching

New York University

Advanced Seminar (Fall 2017), Philosophy of Language (Spring 2018).

Princeton University

Assistant in Instruction for Introduction to Logic (Spring 2016), Honors Introduction to Logic (Spring 2015, Fall 2015), Set Theory (Fall 2014).

service

Symposium Organizer (with Ben Feintzeig). “Interpreting Physical Theories”. 2017 European Philosophy of Science Association Meeting. Exeter, UK.

Symposium Organizer. “Formal Methods in Philosophy of Science”. 2014 Philosophy of Science Association Meeting. Chicago, Illinois.

Referee for *The British Journal for the Philosophy of Science*, *Ergo*, *Philosophy of Science*, *Synthese*, *Journal of Applied Logic*, *Review of Symbolic Logic*.

AUGUST 28, 2017