

Joshua Luczak

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Leibniz Universität Hannover
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Areas of Specialization

Philosophy of Physics, Philosophy of Science

Areas of Competence

Ethics (Normative and Applied), Logic, Philosophy of Probability

Employment

Postdoctoral Fellow , Philosophy, Leibniz Universität Hannover	2016–Present
Ernst Mach Visiting Fellow , Philosophy, University of Salzburg	Feb–March, 2017
Lecturer , Philosophy, Georgetown University	2015–2016

Education

Ph.D., Philosophy, The University of Western Ontario 2011–2015

Dissertation: On Nonequilibrium Statistical Mechanics

Committee: Wayne Myrvold (Chair), Carl Hoefer, Markus Müller (Applied Math), Chris Smeenk, and David Wallace (External)

M.A. (First Class Honours), Philosophy, Monash University 2010

B.A.\B.Sc. (Hons.), Philosophy, Mathematics, Monash University 2007

Publications

2017. “Talk About Toy Models.” *Studies in History and Philosophy of Modern Physics*. Vol. 57: 1–7.

2016. “On How to Approach the Approach to Equilibrium.” *Philosophy of Science*, Vol. 83, Issue 3: 393–411.

Book Reviews

2015. “Reflections on Lazare and Sadi Carnot.” *Metascience*, Vol. 24, Issue 1: 87–89.

2013. “On Chance.” *Metascience*, Vol. 22, Issue 1: 85–87.

Work in Progress

Revise and Resubmit. “On the Aims of Statistical Mechanics.”

In Preparation. “Getting Clear About Absolute Continuity and Translation Continuity.” (with Wayne Myrvold).

In Preparation. “More Talk About Toy Models.”

Presentations

“On the Aims of Statistical Mechanics.”

Conference: Symmetries and Asymmetries in Physics. Leibniz Universität Hannover, Germany. July 6-8, 2017.

18th UK and European Conference on Foundations of Physics. London School of Economics, UK. July 16-18, 2016.

“More Talk About Toy Models.”

Conference: Reasoning and Argumentation in Science. LMU Munich, Germany. May 31-June 2, 2017.

Conference: Explanatory Strategies in Physics. Leibniz Universität Hannover, Germany. May 11, 2017.

“On How to Approach the Approach to Equilibrium.”

15th Congress of Logic, Methodology, and Philosophy of Science. University of Helsinki, Finland. August 3-8, 2015.

“Toy Models: What They Are, What They’re Not, and What They’re Good For.”

Second Irvine-Pittsburgh-Princeton Conference on the Mathematical and Conceptual Foundations of Physics. University of California, Irvine, USA. March 20-21, 2014.

17th Oxford Philosophy Graduate Conference. University of Oxford, UK. Nov. 15-17, 2013.

“Toy Models: Interesting? Yes. Approximations? Idealisations? No.”

Models and Simulations 6. University of Notre Dame, USA. May 9-11, 2014.

Congress on Logic and Philosophy of Science. Ghent University, Belgium. Sept. 16-18, 2013.

“Fatalism, Bivalence, and You.”

Canadian Philosophical Association Annual Meeting. Wilfrid Laurier University/University of Waterloo, Canada. May 27-30, 2012.

“A *Good* Defence of Abortion.”

Centre on Values and Ethics (COVE) Conference. Carleton University, Canada. March 10-11, 2012.

Fellowships and Awards

Ernst Mach Fellowship, Austrian Agency for International Cooperation in Education & Research	2017
Munich Center for Mathematical Philosophy Visiting Fellowship, LMU Munich	2016
Graduate Thesis Research Award, The University of Western Ontario	2015
Rotman Graduate Research Fellowship, The University of Western Ontario	2013, 2014, 2015
USC Teaching Honour Roll Award of Excellence, The University of Western Ontario	2012-13
British Society for the Philosophy of Science Award, British Society for the Philosophy of Science	2013
Dean’s Commendation of Excellence in Teaching, Monash University	2008, 2009, 2010
Dean’s Sessional Teaching Commendation, Monash University	2009
School of Mathematical Science Research Fellowship, Monash University	2006

Teaching

Philosophy Instructor

Leibniz Universität Hannover

The Nature of Knowledge	Spring 2017
Contemporary Moral Issues	Spring 2017
Philosophy of Probability	Fall 2016
Metaphysics and Moral Responsibility	Fall 2016

Georgetown University

Introduction to Philosophy: Metaphysics and Epistemology	Spring 2016
Introduction to Logic	Spring 2016
Contemporary Moral Issues	Fall 2015
Beginning Logic	Fall 2015

Royal Melbourne Institute of Technology

Business Ethics	Spring 2010, Fall 2011
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Singapore Institute of Management University

Business Ethics	Fall 2011
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*Philosophy Teaching Assistant**

The University of Western Ontario

Introduction to Philosophy	2013–2014F
Reasoning and Critical Thinking	2012–2013F
Advanced Introduction to Philosophy	2011–2012F

Monash University

Human Rights Theory	Fall 2011
Philosophy of Film	Summer 2010, Summer 2011
Time, Self and Mind	Spring 2010
Life, Death and Morality	Summer 2008, Fall 2008, Fall 2009, Fall 2010
Philosophical Explorations of World Religions	Summer 2010
Ethics	Summer 2008, Summer 2009
Time, Self and Freedom	Spring 2007, Spring 2008, Spring 2009
God, Freedom and Evil	Spring 2009
Reason and Argument	Fall 2008, Fall 2009
Philosophy of Sex	Spring 2008
Primary Logic	Spring 2007

Mathematics Teaching Assistant

Monash University

Analysis of Change	Fall 2006, Fall 2007, Fall 2008
Techniques of Modelling	Spring 2006, Spring 2008

*F = Full year course.

Linear Algebra with Applications
Multivariable Calculus

Fall 2007
Spring 2006

Academic Service

Referee for *Erkenntnis*, *European Journal for Philosophy of Science*, *Philosophy of Science*, *Studies in History and Philosophy of Modern Physics*, *Synthese*.

PhilPapers Area and Subject Editor, 2014–Present
Philosophy of Physical Science, Philosophy of Probability
Thermodynamics and Statistical Mechanics,
Models and Idealization, Probabilistic Reasoning
Philpapers.org

Centre for Digital Philosophy 2014–Present
Editorial and Administrative Assistant,
The University of Western Ontario

Symmetries and Asymmetries in Physics 2017
Conference Co-Organiser,
Leibniz Universität Hannover

Rotman External Public Outreach 2013–2015
Committee Member,
The University of Western Ontario

Rotman K-12 Outreach 2013–2015
Committee Member,
The University of Western Ontario

Logic, Mathematics, and Physics 2012, 2013, 2014
Graduate Conference Co-Organiser,
The University of Western Ontario

Philosophy Graduate Student Association Mentor, 2012, 2013
The University of Western Ontario

References

Professor Wayne Myrvold
The University of Western Ontario
wmyrvold@uwo.ca

Professor David Wallace
University of Southern California
dmwallac@usc.edu

Professor Mathias Frisch
Leibniz Universität Hannover
mathias.frisch@philos.uni-hannover.de

Professor Carl Hofer
Universitat de Barcelona
carl.hofer@ub.edu

Professor John Thorp (Teaching)
The University of Western Ontario
jthorp@uwo.ca

Professor Chris Smeenk
The University of Western Ontario
csmeenk2@uwo.ca

Professor Charlotte Werndl
University of Salzburg
London School of Economics
charlotte.werndl@sbg.ac.at

June 15, 2017