

John Dougherty

CONTACT INFORMATION

Mailing Address: Ludwig-Maximilians-Universität München
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AOS Philosophy of Physics, Philosophy of Mathematics, Logic

AOC Philosophy of Science, Metaphysics

ACADEMIC
APPOINTMENTS **Munich Center for Mathematical Philosophy**, LMU Munich
Postdoctoral Fellow 2018 – present

EDUCATION **University of California, San Diego**, La Jolla, California
Ph.D., Philosophy 2018

University of Chicago, Chicago, Illinois
A.B., Honors, Physics 2010
A.B., Honors, The History, Philosophy, and Social Studies of Science and Medicine 2010

VISITING
FELLOWSHIPS
& AWARDS Beyond Spacetime Predoctoral Research Fellow Winter & Spring 2017
2016 PSA Graduate Student Essay Award November 2016
UC San Diego Frontiers of Innovation Scholars Program Fellow AY 2016
UC San Diego GSA Travel Grant Spring 2015
UC San Diego Philosophy Dept. Graduate Essay Prize Spring 2014

PUBLICATIONS Black hole thermodynamics: More than an analogy? (With C. Callender) Forthcoming
Guide to the Philosophy of Cosmology ed. A. Ijjas and B. Loewer. Oxford University Press.
What inductive explanations could not be, *Synthese* Forthcoming
Sameness and separability in gauge theories, *Philosophy of Science*, 84(5):1189–1201 2017

PRESENTATIONS The inertial structure of a Newtonian cosmos
Foundations 2018 July 2018
Utrecht University

Sizing up gauge
Philosophy of Logic, Math and Physics Graduate Conference June 2017
Western University

Equality and separability in gauge theories
Philosophy of Science Association — Twenty-Fifth Biennial Meeting November 2016
Atlanta, GA
Foundations 2016 July 2016
London School of Economics
British Society for the Philosophy of Science Annual Conference 2016 July 2016
Cardiff University

	The Aharonov–Bohm effect, take n	
	<i>Third International Summer School in Philosophy of Physics</i> Saig, Germany	July 2015
	What mathematical explanations could not be	
	<i>Philosophy of Logic, Math and Physics Graduate Conference</i> Western University	June 2015
	The hole argument, take n	
	<i>Third Irvine–Pittsburgh–Princeton Conference on the Foundations of Physics</i> Princeton University	March 2015
	The geometry of black hole entropy	
	<i>Beyond Spacetime II: Time in Quantum Gravity</i> University of California, San Diego	March 2015
	A few points on gunky space	
	<i>Philosophy of Science Association — Twenty-Fourth Biennial Meeting</i> Chicago, IL	November 2014
	Black hole thermodynamics: More than an analogy? (with C. Callender)	
	<i>Philosophy of Science Association — Twenty-Fourth Biennial Meeting</i> Chicago, IL	November 2014
	Symmetries, laws, and quantum fields	
	<i>Philosophy Dept. Graduate Student Conference with A. Chakravartty</i> University of California, San Diego	May 2014
	Problems with justifying typicality measures	
	<i>Second Irvine–Pittsburgh–Princeton Conference on the Foundations of Physics</i> University of California, Irvine	March 2014
COMMENTARIES	Comments on T. Menon, “Rebuilding Neurath’s boat Planck by Planck”	
	<i>Conference on the Philosophical Foundations of Quantum Gravity</i> Bogis-Bossey, Switzerland	June 2017
	Comments on T. Barrett, “What do symmetries tell us about structure?”	
	<i>2017 American Philosophical Association Pacific Division Meeting</i> Seattle, WA	April 2017
	Comments on C. Chall, “Doubt for Dawid’s non-empirical theory assessment”	
	<i>2016 American Philosophical Association Pacific Division Meeting</i> San Francisco, CA	April 2016
	Comments on R. Wald, “The ‘geodesic principle’ ... in general relativity”	
	<i>Foundations of General Relativity Workshop: What are the Laws of General Relativity?</i> University of Michigan	January 2014
TEACHING EXPERIENCE	University of California, San Diego , La Jolla, California	
	<i>Instructor of Record — Philosophy Dept.</i>	March 2015 – present
	PHIL 10 Introduction to Logic	Summer 2017
	PHIL 12 Scientific Reasoning	Spring 2015, Winter 2018
	PHIL 26 Science, Society, and Values	Summer 2016
	<i>Teaching Assistant — Philosophy Dept.</i>	September 2011 – December 2016
	PHIL 1 Intro. to Philosophy	Winter 2012
	PHIL 10 Intro. to Logic	Spring 2013, Summer 2014, Fall 2014
	PHIL 14 Intro. to Philosophy: Metaphysics	Winter 2015
	PHIL 15 Intro. to Philosophy: Epistemology	Fall 2012
	PHIL 27 Ethics & Society I	Fall 2011, Summer 2012, Winter 2013
	PHIL 28 Ethics & Society II	Spring 2012, Fall 2016
	PHIL 101 Aristotle	Summer 2015
	PHIL 181 Existentialism	Summer 2013

Graduate Writing Consultant — UC San Diego Writing Center AY 2016

Teaching Assistant — Revelle Humanities Program September 2013 – June 2014

HUM 1 Foundations of Western Civilization: Israel and Greece Winter 2014

HUM 2 Rome, Christianity, and the Middle Ages Spring 2014

Pomona College, Claremont, California

Lecturer in Philosophy — Philosophy Dept.

August 2017 – December 2017

PHIL 1 Problems of Philosophy Fall 2017

PHIL 104 Philosophy of Science Fall 2017

PHIL 199 Directed Readings on the Philosophy of Mathematics Fall 2017

University of Chicago, Chicago, Illinois

Teaching Assistant — Mathematics Dept.

September 2007 – June 2010

MATH 131–133 Elementary Functions and Calculus I-II-III AY 2008, 2010

MATH 105–106 Fundamental Mathematics AY 2009

PROFESSIONAL
SERVICE

Refereeing:

*British Journal for the Philosophy of Science, European Journal for Philosophy of Science,
Foundations of Physics, Philosophical Studies, Philosophy of Science, Synthese*

Selection committee member, UC San Diego Summer Program for Women in Philosophy 2015

Coordinator, Graduate Philosophy Colloquium series 2013 – 2015