



AWARDS AND FELLOWSHIPS	James T. Cushing Memorial Prize in History and Philosophy of Physics	2020
	Beyond Spacetime Predoctoral Research Fellow	2017
	2016 Philosophy of Science Association Graduate Student Essay Award	2016
	UC San Diego Frontiers of Innovation Scholars Program Fellow	2016
	UC San Diego Philosophy Dept. Graduate Essay Prize	2014
INVITED TALKS	Some philosophical aspects of the renormalization of gauge theories	
	Higher Structures Emerging from Renormalisation, ESI Vienna	November 2021
	I ain't afraid of no ghost	
	Sigma Club, London School of Economics	March 2021
	Philosophy of Physics Reading Group, Caltech	October 2020
Philosophy of Physics Research Seminar, Oxford	February 2020	
PAPERS PRESENTED	The substantial role of Weyl symmetry	
	in deriving general relativity from string theory	
	Philosophy of Science Association Meeting	November 2021
	Gauge theories from the effective perspective	
	European Philosophy of Science Association Meeting	September 2021
	I ain't afraid of no ghost	
	British Society for the Philosophy of Science Conference	July 2021
	Virtual entities in science: a virtual workshop	March 2021
	Munich Center for Mathematical Philosophy	November 2019
	The geometry of black hole entropy	
	Cambridge/LMU workshop on Black Hole Thermodynamics	October 2019
	Beyond Spacetime II: Time in Quantum Gravity	March 2015
	Black holes as black boxes	
	European Philosophy of Science Association Meeting	September 2019
	Sizing up gauge	
	Second ILMPS Conference	September 2019
	Philosophy of Logic, Math and Physics Graduate Conference	June 2017
	Fields, loops, and the strong CP problem	
	British Society for the Philosophy of Science Conference	July 2019
	Pittsburgh Early Career Workshop	April 2019
	Problems, puzzles, and paradoxes in particle physics	
	Second Joint MCMP–Hannover Workshop	June 2019
Subsystem independence in gauge theories		
Workshop on Relativistic Locality, MCMP	May 2019	
Equivalence within and between theories		
Foundations of Categorical Philosophy of Science	April 2019	
How to do things with isomorphisms		
Munich Center for Mathematical Philosophy	October 2018	
The inertial structure of a Newtonian cosmos		
UK and European Conference on Foundations of Physics	July 2018	
Sameness and separability in gauge theories		
Philosophy of Science Association Meeting	November 2016	
UK and European Conference on Foundations of Physics	July 2016	
British Society for the Philosophy of Science Conference	July 2016	
Third International Summer School in Philosophy of Physics	July 2015	

	What mathematical explanations could not be	
	Philosophy of Logic, Math and Physics Graduate Conference	June 2015
	The hole argument, take $n$	
	IPP Conference on the Foundations of Physics	March 2015
	A few points on gunky space	
	Philosophy of Science Association Meeting	November 2014
	Black hole thermodynamics: More than an analogy? (with C. Callender)	
	Philosophy of Science Association Meeting	November 2014
	Symmetries, laws, and quantum fields	
	UC San Diego Philosophy Graduate Student Conference	May 2014
	Problems with justifying typicality measures	
	IPP Conference on the Foundations of Physics	March 2014
COMMENTARIES	J. Norton, "No time for the Hamiltonian constraint"	
	American Philosophical Association Pacific Division Meeting	April 2018
	T. Menon, "Rebuilding Neurath's boat Planck by Planck"	
	Conference on the Philosophical Foundations of Quantum Gravity	June 2017
	T. Barrett, "What do symmetries tell us about structure?"	
	American Philosophical Association Pacific Division Meeting	April 2017
	C. Chall, "Doubt for Dawid's non-empirical theory assessment"	
	American Philosophical Association Pacific Division Meeting	April 2016
	R. Wald, "The 'geodesic principle' ... in general relativity"	
	Michigan Foundations of Physics Workshop	January 2014
TEACHING	<b>Munich Center for Mathematical Philosophy</b> , Munich	
	Lecturer	2018 – present
	Philosophy of Physics: Space and Time (BA)	
	The Applicability of Mathematics (MA)	
	Categorical Logic (MA)	
	Scientific Reasoning (MA)	
	<b>University of California, San Diego</b> , La Jolla, California	
	Instructor of Record — Philosophy Dept.	2015 – 2018
	Introduction to Logic	
	Scientific Reasoning	
	Science, Society, and Values	
	Teaching Assistant — Philosophy Dept.	2011 – 2016
	Introduction to Philosophy	
	Introduction to Logic	
	Introduction to Philosophy: Metaphysics	
	Introduction to Philosophy: Epistemology	
	Ethics & Society I	
	Ethics & Society II	
	Aristotle	
	Existentialism	
	Graduate Writing Consultant — UC San Diego Writing Center	2016
	Teaching Assistant — Revelle Humanities Program	2014
	Foundations of Western Civilization: Israel and Greece	
	Rome, Christianity, and the Middle Ages	

**Pomona College**, Claremont, California  
Lecturer in Philosophy — Philosophy Dept.  
Problems of Philosophy  
Philosophy of Science  
Directed Readings on the Philosophy of Mathematics

Fall 2017

PROFESSIONAL  
ACTIVITIES

Organizer

MCMP Colloquium in Logic and Philosophy of Science 2022  
MCMP Work in Progress Seminar 2022  
MCMP Philosophy of Physics Reading Group 2019 – present  
UC San Diego Graduate Philosophy Colloquium Series 2013 – 2015

Assistant Organizer

Category Theory in Philosophy of Science 2021  
Second Joint MCMP–Hannover Workshop 2019

Program Committee

Alternative Approaches to Scientific Realism 2021  
UC San Diego Summer Program for Women in Philosophy 2015

Discussion group leader

Midwest Summer School in Philosophy of Physics 2020

Refereeing:

*Analysis, British Journal for the Philosophy of Science, Erkenntnis,  
European Journal for Philosophy of Science, Foundations of Physics,  
Journal for General Philosophy of Science, Kriterion, Philosophical Studies,  
Philosophy of Science, Studies in History and Philosophy of Modern Physics,  
Studies in History and Philosophy of Science, Synthese*