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CONTACT INFORMATION	106 Somerset St., 5th Floor, Rutgers Philosophy Department. New Brunswick, NJ 08901	+1 (616) 881 1468  eddyckm@gmail.com
WEBSITE	www.eddykemingchen.net	
SPECIALIZATION (AOS)	Philosophy of Physics; Philosophy of Science; Metaphysics.	
COMPETENCE (AOC)	Chinese Philosophy; Decision Theory; Formal Epistemology; Philosophy of Mathematics; Philosophy of Religion.	
PUBLICATIONS	<ol style="list-style-type: none"> <li>1. “Our Fundamental Physical Space: An Essay on the Metaphysics of the Wave Function.” <i>The Journal of Philosophy</i>, forthcoming.</li> <li>2. (with Daniel Rubio) “Great Expectations: Introducing Surreal Decision Theory.” in Wiebe van der Hoek, Wesley H. Holliday, Wen-fang Wang (Eds.), <i>Proceedings of the 5th International Workshop on Logic, Rationality, and Interaction (LORI-V)</i>, Volume LNCS 9394, pp. 53–63. Springer-Verlag Berlin Heidelberg 2015.</li> </ol>	
COMMISSIONED	<ol style="list-style-type: none"> <li>1. “Quantum Ontology I: Copenhagen and Beyond,” <i>Philosophy Compass</i>.</li> <li>2. “Quantum Ontology II: Realism about the Wave Function,” <i>Philosophy Compass</i>.</li> </ol>	
UNDER REVIEW	<ol style="list-style-type: none"> <li>1. “An Intrinsic Theory of Quantum Mechanics: Progress in Field’s Nominalistic Program, Part I.”</li> <li>2. (with Daniel Rubio) “Pascal’s Wager Meets Surreal Numbers.”</li> </ol>	
PAPERS IN PREPARATION	<ol style="list-style-type: none"> <li>1. “The Best Summary of the Quantum World: The Universal Wave Function as a Humean Law.”</li> <li>2. “Our Knowledge about the Past: Some Puzzles about the Past Hypothesis and Self-Locating Probabilities.”</li> <li>3. “A Hybrid Voluntarist Interpretation of Xunzi ”</li> </ol>	
EDUCATION	<p><b>Rutgers University</b>, New Brunswick, NJ</p> <p>Ph.D., Philosophy, <i>Expected</i>: Summer 2019</p> <ul style="list-style-type: none"> <li>• Thesis: <i>Essays on the Metaphysics of Quantum Mechanics</i></li> <li>• Committee: Barry Loewer (co-chair), David Albert (co-chair), Tim Maudlin (external), Jill North, Jonathan Schaffer, Ted Sider.</li> </ul> <p>M.Sc., Mathematics (Mathematical Physics), <i>Expected</i>: Summer 2019</p> <p><b>Calvin College</b>, Grand Rapids, MI</p> <p>B.S., Mathematics (Major), Physics (Minor), May 2013</p> <p>B.A., Philosophy (Honors), May 2013</p> <ul style="list-style-type: none"> <li>• Thesis: <i>Singular Propositions, Truth-In/At, and Modality De Re/De Dicto</i></li> <li>• Supervisors: Alvin Plantinga and Stephen Wykstra.</li> </ul>	

**National University of Singapore**, Singapore

Enrolled in Mathematics and Physics Undergraduate Modules, 2009-2010.

University Scholars Program (USP).

SM2-GLC Scholarship Bridging Course, 2008-2009.

**No.1 Middle School Affiliated with the Central China Normal University**,  
Wuhan, China

Diploma, Science Stream, 2008.

VISITING EXPERIENCES	<b>Australian National University</b>	June-July 2017
	Research School of Social Sciences, Faculty Sponsor: Alan Hájek	
	<b>University of Southern California</b>	March-April 2017
	Department of Philosophy, Supervisor: David Wallace	
	<b>University of Bristol</b>	September 2016
	Department of Philosophy, Faculty Sponsor: Richard Pettigrew	
	<b>University of Oxford</b>	January-April 2012
	Undergraduate Visiting Student	

SELECTED AWARDS	Rutgers University	
	• Presidential Fellowship for Doctoral Studies	2013, 14, 17
	• SCP-Templeton Graduate Fellowship for Cross Training in Physics	2017-18
	• Mellon Fellowship for Summer Research	2017
	• APA Graduate Student Travel Stipend	2016
	• Rutgers Graduate School Travel Stipends	2014, 15, 16
	• Summer Special Study Fellowship / Professional Development Fund	2015, 16
	Calvin College	
	• Presidential Scholarship	2010-13
	• William Rinck Memorial Prize for Best Graduating Senior in Mathematics	2013
	• Van Der Woude Award in Science Division	2011, 12
	• O.K. Bouwsma Prize for Best Paper in Philosophy	2013
	• Bouwsma Award for Excellence in Philosophy	2011
	• Konyndyk Scholarship for Excellence in Philosophy	2011
National University of Singapore		
• SM2-GLC Undergraduate Full Scholarship, Ministry of Education, Singapore	2007-10	
• The University Scholars Program	2009-10	
• Valedictorian for SM2-GLC Scholarship Recipients	2009	

SELECTED PRESENTATIONS	<b>An Intrinsic Theory of Quantum Mechanics: Progress in Field's Nominalistic Program, Part I</b>	
	• (Invited) Bristol Center for Science and Philosophy	Sep 2016
	• Pacific APA Symposium	Mar 2018
	• Fordham, 3rd Annual Conference of the Society for the Metaphysics of Science	October 2017
	• UC Irvine, Logic and Philosophy of Science (LPS)	Apr 2017

- The 18th UK and European Conference on Foundations of Physics, LSE, London, UK Jul 2016
- The 4th Black Forest Philosophy of Physics Summer School, Saig, Germany Jul 2016

**Our Fundamental Physical Space: An Essay on the Metaphysics of the Wavefunction**

- (Invited) University of Illinois, Chicago ([Beyond SpaceTime Project Video Link](#)) Mar 2016
- Central APA Symposium (with comments from Nick Huggett), Chicago Mar 2016
- First Annual Meeting of the Society for the Metaphysics of Science (with comments from Vishnya Maudlin), Rutgers University-Newark Oct 2015
- The 3rd Black Forest Philosophy of Physics Summer School, Saig, Germany Jul 2015

**The Best Summary of the Quantum World: The Universal Wavefunction as a Humean Law**

- (Invited) Tsinghua University Philosophy of Science Colloquium Dec 2015
- 15th Congress of Logic, Methodology, and Philosophy of Science, University of Helsinki (CLMPS) Aug 2015
- The 2nd Black Forest Philosophy of Physics Summer School, Saig, Germany Jul 2014
- Princeton Workshop on Technical Philosophy of Physics Mar 2014

**Our Knowledge about the Past: Some Puzzles about Time's Arrow and Self-Locating Probabilities**

- (Invited) CalTech, History and Philosophy of Science (HPS) Apr 2017
- (Invited) University of Bristol Sep 2016
- Sydney University Winter School on Physics and Philosophy of Time (Winner of the book prize for the best presentation) Jul 2017
- Australasian Association of Philosophy (AAP) Annual Meeting, the University of Adelaide. Jul 2017
- Time and Causality in the Sciences Conference (TaCitS), Stevens Institute of Technology. Jun 2017
- UC San Diego, Philosophy Apr 2017
- UC Riverside Workshop on Epistemology and Philosophy of Mind Mar 2017

**Space-Time Emergence: A Representational Theory**

- (Invited) Philosophy of Cosmology Workshop, CUNY Graduate Center. May 2017

**Great Expectations: Introducing Surreal Decision Theory** (co-authored with Daniel Rubio)

- (Invited) Princeton Workshop on Intrinsic Values ([Sanders Foundation Website Video Link](#)) Nov 2015
- (Invited) Peking University Colloquium on Logic, Language, and Cognition Dec 2015
- 5th International Congress on Logic, Rationality, and Interaction, National Taiwan University (LORI V) Oct 2015
- 15th Congress of Logic, Methodology, and Philosophy of Science, University of Helsinki (CLMPS) Aug 2015
- Pittsburgh-CMU Graduate Conference in Philosophy Mar 2015

**Pascal's Wager Meets Surreal Numbers** (co-authored with Daniel Rubio)

- (Invited) Xiamen University Philosophy Department May 2016
- Work-in-Progress reading group, Bristol University Sep 2016
- Eastern Regional Meeting of the Society of Christian Philosophers, Messiah College Sep 2015

	<b>A Xunzian Puzzle about Meta-Ethics</b>	
	• (Invited) Skype lecture in Hu Jing's seminar on Chinese Philosophy at Washington and Lee University	Mar 2016
	<b>Comments on Ned Hall's "Causation and the Aim of Inquiry"</b>	
	• Rutgers Philosophy Department Colloquium	Feb 2016
	<b>Comments on Alan Hajek's "The Revenge of Pascal, Petersburg, Pasadena, and Paul"</b>	
	• (Invited) Workshop on Cognitive Value, University of Colorado, Boulder	Mar 2017
	<b>Comments on Thomas Senor, "Disagreement, Evidence, and Perception"</b>	
	• (Invited) Meiguo Metaphysics Mayhem, Peking University, China	Jun 2012
	<b>What is Analytic Philosophy?</b>	
	• (Invited) Department of Electrical Engineering, Wuhan University, China	Jan 2016
	<b>Singular Propositions, Ontological Dependence, and the 'Truth-in/-at' Distinction</b>	
	• Calvin College Philosophy Symposium	2012
	<b>Quantum Modeling of Recollision Excitation and Non-Sequential Double Ionization of Helium</b>	
	• Calvin College Physics Departmental Seminar	2012
	• Western Michigan Regional Undergraduate Science Research Conference Van Andel Institute, Grand Rapids, Michigan	2012
TEACHING EXPERIENCE	Primary Instructor	Fall 2016
	PHIL 319 - Philosophy of Mathematics Rutgers University	
	Primary Instructor	Spring 2016
	PHIL 475 - Chinese Philosophy Rutgers University	
	Co-Chair	Fall 2016 - Spring 2017
	(with Harry Crane (Rutgers Statistics Dept) and Dimitris Tsementzis)	
	<b>Graduate Seminar on the Foundations of Probability</b> Joint Seminar of Philosophy and Statistics Depts., Rutgers University	
	Teaching Assistant	Fall 2015
	PHIL 108 - Introduction to Ethics Instructor: Adam Shriver (UPenn) Rutgers University	
	Instructor	Sep 2014, Sep 2016
	(Unofficial) Crash Course on the Foundations of Quantum Mechanics for the Rutgers Philosophy Community	
	Grader	Fall 2013
	PHIL 407 - Intermediate Logic Instructor: Thony Gillies Rutgers University	
Teaching Assistant	Spring 2011	
PHIL 225 - Chinese Thought and Culture Instructor: Kelly Clark Calvin College		
Grader	Fall 2011	

PHIL 204 - Philosophy of Religion  
Instructor: Kelly Clark  
Calvin College

SERVICE

Conferences and Events

- Organizer, Rutgers Workshop on Structural Realism and Metaphysics of Science  
May 18-19, 2017
- Co-Organizer (with Dean Zimmerman), Rutgers Workshop on Multiverse, Theodicy,  
and Fine-Tuning June 10-11, 2016.
- Organizer, Metro Area Philosophy of Science Lecture Series (MAPS) 2015-17
- Organizer, Rutgers Philosophy of Science Reading Group 2014-16
- Co-organizer, Rutgers Metaphysics Reading Group 2015-16

Contribution to Diversity

- Rutgers Philosophy Department Climate Committee 2016-17
- Graduate panelist, Rutgers Summer Institute for Diversity in Philosophy Jul 2017
- Rapporteur, 3rd Rutgers Workshop on Chinese Philosophy Apr 2016
- Participant, Muslim-Jewish-Christian Interfaith Dialogue on Providence  
and Randomness May 2016

Other Departmental Service

- Rutgers Philosophy Department Colloquium Committee 2014-16
- Discussion Leader, Rutgers University International TA Orientation Aug 2016

Referee for : *Mind*, *British Journal for the Philosophy of Science*, *Philosophy of Science (x2)*, *Erkenntnis (x2)*, *Statistical Science*, *Proceedings of the SILFS 2014—the Italian Society for Logic and Philosophy of Science conference*

WORK AND  
RESEARCH  
EXPERIENCE

**Editorial Assistant** Spring 2017

For Ernest Sosa and Georgi Gardiner  
*Nôus*, *PPR*, *Philosophical Issues*

**Graduate Teaching Assistant** 2015-16

Department of Philosophy,  
Rutgers University

**National Science Foundation (NSF) Research Fellowship** Summer 2012

Topic: Theoretical Physics and Computer Modeling:  
Recollision Excitation and Non-Sequential Double Ionization of Helium  
Supervisor: Stan L. Haan.  
Department of Physics,  
Calvin College

**Summer Research Fellowship** Summer 2011

Topic: Mencius (Mengzi) and the Concept of Tian  
Supervisor: Kelly Clark  
Department of Philosophy,  
Calvin College

**Undergraduate Research Assistant** 2008-2010

Topic: Membrane Distillation for Water Purification with Reverse Osmosis  
Supervisor: Tai-Sheng Chung  
Chemical and Biomolecular Engineering,  
National University of Singapore

**Intern at the New York Times** Summer 2010

Interviews, data analysis, and research on business, economics, culture,  
and the arts in China.  
Supervisor: **David Barboza** (2013 Pulitzer Prize Winner)  
New York Times, Shanghai Bureau

## COURSEWORK

### Credits

Proseminar. (Andy Egan and Jonathan Schaffer)  
Cognitive Science Proseminar. (RUCCS)  
Philosophy of Physics: Foundations of Quantum Mechanics. (David Albert)  
Philosophy of Physics: Philosophy of Space and Time. (David Albert)  
Philosophy of Physics: Direction of Time and the Foundations of Statistical Mechanics. (David Albert)  
Metaphysics: David Lewis's Philosophy of Science. (Barry Loewer)  
Philosophy of Religion: Problem of Evil. (Marilyn Adams, Robert Adams, Dean Zimmerman)  
Ethics. (Derek Parfit, Ruth Chang)  
Independent Study in Chinese Philosophy. (Ruth Chang)  
Early Modern Philosophy of Mind. (Martin Lin)  
Semantics I. (Linguistics: Simon Charlow)  
Model Theory. (Math: Grigor Sarsyan)  
Mathematical Physics I. (Math: Roderich Tumulka)  
Mathematical Physics II. (Math: Roderich Tumulka)  
Bohmian Mechanics. (Math: Sheldon Goldstein)  
Real Analysis I. (Math: Eric Carlen)  
Foundations of Statistical Mechanics: Non-Equilibrium. (Math: Joel Lebowitz)

### Audits

Philosophy of Physics: Quantum Mechanics. (NYU: Tim Maudlin)  
Philosophy of Physics: Spacetime. (NYU: Tim Maudlin)  
Philosophy of Physics: Gauge Theories. (NYU: Tim Maudlin)  
Philosophy of Physics: Space and Time. (Jill North)  
Philosophy of Science. (Barry Loewer)  
Logical Philosophy of Science. (Princeton: Hans Halvorson)  
Advanced Philosophy of Quantum Mechanics. (David Albert)  
Foundations of Quantum Mechanics. (Math: Sheldon Goldstein)  
Metaphysics of Quantum Mechanics. (Jill North, Ted Sider)  
Metaphysics: Fundamentality. (Barry Loewer, Jonathan Schaffer)  
Seminar in Metaphysics. (Robert Adams)  
Philosophy of Mathematics: Applied Mathematics. (NYU: Hartry Field, Cian Dorr)  
Seminar in Metaphysics. (NYU: Kit Fine)  
Time and Modality. (NYU: Cian Dorr)  
Metaphysics: Modal Logic as Metaphysics. (Princeton: Delia Fara, Gilbert Harman)  
Metaphysics: Physicalism. (Princeton: Shamik Dasgupta, Boris Kment)  
Decision Theory. (Princeton: Adam Elga)  
Bayesian Epistemology. (Branden Fitelson)  
Current Topics in Formal Epistemology. (Branden Fitelson)  
Epistemology. (Ernest Sosa)  
Philosophy of Language: Singular Thought. (Jeff King)  
Philosophy of Linguistics: Minimal Entities. (NYU: Kit Fine, Lucas Champollion)  
Category Theory. (Princeton: Hans Halvorson)  
Philosophy of Religion. (Marilyn Adams)

**Other Math and Physics Courses Audited:** General Relativity (Princeton Physics); Electromagnetism I (Rutgers Physics); Overview of Quantum Field Theory (Rutgers Physics); Mathematical Quantum Mechanics (Rutgers Math).

Last updated: October 2, 2017. Personal webpage: [www.eddykemingchen.net](http://www.eddykemingchen.net)